



Virginia.gov



Commonwealth of Virginia  
State Corporation Commission

CISM1001 OFFICERS/DIRECTORS AND PRINCIPAL OFFICE

03/04/14

12:43:47

CORPORATE ID: 0707802 5 CURRENT AR# 213-06-8761 DATE 04/09/13

CORP NAME: Aylin, Inc.

STREET: 8012 TONNELLE AVENUE

CITY: NORTH BERGEN

STATE: NJ ZIP: 07047

S C

DIR REQUIRED: Y

E A

OFFICERS/DIRECTORS DISPLAY FOR AR# 213-06-8761

L T

NAME

TITLE

SIGN

B

ADNAN KIRISCIOGLU

OFFICER



(Screen Id:/Corp\_Officer\_Director\_PO\_Inquiry)

CX 1

EPA 001



### SCC eFile Business Entity Details



Aylin, Inc.

**SCC eFile**

- SCC eFile Home Page
- Check Name
- Distinguishability
- Business Entity Search
- Certificate Verification
- FAQs
- Contact Us
- Give Us Feedback

**Business Entities**

**UCC or Tax Liens**

**Court Services**

**Additional Services**

**General**

SCC ID: 07078025  
 Entity Type: Corporation  
 Jurisdiction of Formation: VA  
 Date of Formation/Registration: 4/8/2009  
 Status: Fee delinquent  
 Shares Authorized: 200

**Select an action**

- [File a registered agent change](#)
- [File a registered office address change](#)
- [Resign as registered agent](#)
- [File an annual report](#)
- [Pay annual registration fee](#)
- [Order a certificate of good standing](#)
- [Submit a PDF for processing \(What can I submit?\)](#)
- [View eFile transaction history](#)

**Principal Office**

1397 CARRSVILLE HWY  
 FRANKLIN VA23851

**Registered Agent/Registered Office**

ADNAN KIRISEIOGLN  
 1397 CARRSVILLE HWY  
 FRANKLIN VA 23851  
 SUFFOLK CITY 220  
 Status: Active  
 Effective Date: 4/8/2009

Screen ID: e1000

Need additional information? Contact [sccinfo@scc.virginia.gov](mailto:sccinfo@scc.virginia.gov) Website questions? Contact: [webmaster@scc.virginia.gov](mailto:webmaster@scc.virginia.gov)

We provide external links throughout our site.

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- Excel (.xls) Viewer
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Build #: 1.0.0.25371

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1 of 1



**Search:** [Corporation Filings](#)  > [Search Results](#) > Corporation Filings Report

**Terms:** company(**5703 Holland Realty Corp.**) state(**VA**) ( [Edit Search](#) | [New Search](#) )

Select for Delivery

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## Corporate Filing

## Business Information

<b>Filing Number:</b>	0555003
<b>Name:</b>	5703 HOLLAND ROAD REALTY CORP.
<b>Name Type:</b>	LEGAL
<b>Standard Address:</b>	1397 CARRSVILLE HWY FRANKLIN, VA 23851-3916
<b>Original Address:</b>	1397 CARRSVILLE HWY FRANKLIN VA 23851
<b>Business Type:</b>	CORPORATION
<b>Status:</b>	TERM(AUTO AR/\$) CORP-NO REPORT AND/OR FEES
<b>Status Date:</b>	07/31/2012
<b>Place Incorporated:</b>	VIRGINIA
<b>Date Incorporated:</b>	03/07/2001
<b>Foreign/Domestic:</b>	DOMESTIC
<b>Terms:</b>	PERPETUAL
<b>Purpose:</b>	GENERAL

## Registered Agent

EPA 003

## Corporate Filing

<b>Name:</b>	KIRISCIOGLU, ADNAN
<b>Title:</b>	DIRECTOR
<b>Registered Agent Address:</b>	1397 CARRSVILLE HWY FRANKLIN, VA 23851-3916
<b>As of Date:</b>	03/07/2001
<b>Registered Agent Information:</b>	COURT LOCALITY: FRANKLIN CITY (FILED IN SOUTHAMPTON COUNTY)

## Stock Information

## Stock

<b>Type:</b>	COMMON
<b>Issued Shares:</b>	2,500
<b>Authorized Shares:</b>	2,500

## Stock

<b>Type:</b>	COMMON
<b>Issued Shares:</b>	2,500
<b>Authorized Shares:</b>	2,500

## Officers

Name	Date(s)	Standardized Address	Original Address
KIRISCIOGLU, ADNAN Title: PRESIDENT Contact Type: DIRECTOR		Type: OFFICER 1397 CARRSVILLE HWY FRANKLIN, VA 23851-3916	

## Historical Contacts

Name	Date(s)	Standard Address	Original Address
KIRISCIOGLU, ADNAN Title: DIRECTOR;PRESIDENT Contact Type: DIRECTOR Effective Date: 03/07/2001		Type: REGISTERED OFFICE 1397 CARRSVILLE HWY FRANKLIN, VA 23851-3916	1397 CARRSVILLE HWY FRANKLIN VA 238510000

RIRISCIOGLU, ADNAN  
Title: PRESIDENT  
Contact Type: OFFICER

**Important:** The Public Records and commercially available data sources used on reports have errors. Data is sometimes entered poorly, processed incorrectly and is generally not free from defect. This system should not be relied upon as definitively accurate. Before relying on any data this system supplies, it should be independently verified. For Secretary of State documents, the following data is for information purposes only and is not an official record. Certified copies may be obtained from that individual state's Department of State.

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# Notification for Underground and Storage Tanks

FORM APPROVED  
OMB NO. 2050-0049  
APPROVAL EXPIRES 6-30-88

FOR  
TANKS  
IN  
VA

RETURN  
COMPLETED  
FORM  
TO

Russell P. Emson, III, PG.  
Virginia Water Control Board  
P.O. Box 11143  
Richmond, VA 23230-1143

(804) 257-6685

I.D. Number

STATE USE ONLY

8436

Date Received

APR. 29 1986

## GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

**Who Must Notify?** Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

**What Tanks Are Included?** Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides, or fumigants.

**What Tanks Are Excluded?** Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for non-commercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;

5. surface impoundments, pits, ponds, or lagoons;

6. storm water or waste water collection systems;

7. flow-through process tanks;

8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;

9. storage tanks situated in an underground area (such as a basement, cellar, mine-working, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

**What Substances Are Covered?** The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

**Where To Notify?** Completed notification forms should be sent to the address given at the top of this page.

**When To Notify?** 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

**Penalties:** Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

## INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

### I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

KRIPS FUEL OIL CO INC

Street Address

5703 HOLLAND RD

County

SUFFOLK,

City

SUFFOLK

State

VA

ZIP Code

23437

Area Code

Phone Number

Type of Owner (Mark all that apply )

Current

State or Local Gov't

Private or Corporate

Former

Federal Gov't (GSA facility I.D. no. \_\_\_\_\_)

Ownership uncertain

### II. LOCATION OF TANK(S)

(If same as Section 1, mark box here )

Facility Name or Company Site Identifier, as applicable

Street Address or State Road, as applicable

County

City (nearest)

State

ZIP Code

Indicate number of tanks at this location

8

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

### III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here )

ALAN M. KEEFER

Job Title

VP

Area Code

(804)

Phone Number

657-6334

### IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location.

### V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

Alan M. Keefer VP

Signature

Alan M. Keefer

Date Signed

4-26-86

CONTINUE ON REVERSE SIDE

CX 2

EPA 005

**VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)**

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 1	Tank No. 2	Tank No. 3	Tank No. 4	Tank No. 5
<b>1. Status of Tank</b> (Mark all that apply <input type="checkbox"/> ) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/86	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
<b>2. Estimated Age (Years)</b>	10	10	10	10	10
<b>3. Estimated Total Capacity (Gallons)</b>	15,000	10,000	10,000	15,000	6000
<b>4. Material of Construction</b> (Mark one <input type="checkbox"/> ) Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify _____	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
<b>5. Internal Protection</b> (Mark all that apply <input type="checkbox"/> ) Cathodic Protection Interior Lining (e.g., epoxy resins) None Unknown Other, Please Specify _____	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>				
<b>6. External Protection</b> (Mark all that apply <input type="checkbox"/> ) Cathodic Protection Painted (e.g., asphaltic) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
<b>7. Piping</b> (Mark all that apply <input type="checkbox"/> ) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify _____	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
<b>8. Substance Currently or Last Stored in Greatest Quantity by Volume</b> (Mark all that apply <input type="checkbox"/> ) a. Empty b. Petroleum Diesel Kerosene Gasoline (including alcohol blends) Used Oil Other, Please Specify _____ c. Hazardous Substance Please Indicate Name of Principal CERCLA Substance _____ OR Chemical Abstract Service (CAS) No. _____ Mark box <input type="checkbox"/> if tank stores a mixture of substances d. Unknown	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>9. Additional Information (for tanks permanently taken out of service)</b> a. Estimated date last used (mo/yr) b. Estimated quantity of substance remaining (gal.) c. Mark box <input type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	  <input type="checkbox"/>				

**VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)**

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. <u>6</u>	Tank No. <u>7</u>	Tank No. <u>8</u>	Tank No.	Tank No.
<b>1. Status of Tank</b> (Mark all that apply <input checked="" type="checkbox"/> ) Currently in Use <input checked="" type="checkbox"/> Temporarily Out of Use <input type="checkbox"/> Permanently Out of Use <input type="checkbox"/> Brought into Use after 5/8/86 <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. Estimated Age (Years)</b>	<u>10</u>	<u>10</u>	<u>10</u>		
<b>3. Estimated Total Capacity (Gallons)</b>	<u>6000</u>	<u>6000</u>	<u>6000</u>		
<b>4. Material of Construction</b> (Mark one <input checked="" type="checkbox"/> ) Steel <input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Unknown <input type="checkbox"/> Other, Please Specify _____	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5. Internal Protection</b> (Mark all that apply <input checked="" type="checkbox"/> ) Cathodic Protection <input type="checkbox"/> Interior Lining (e.g., epoxy resins) <input type="checkbox"/> None <input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6. External Protection</b> (Mark all that apply <input checked="" type="checkbox"/> ) Cathodic Protection <input type="checkbox"/> Painted (e.g., asphaltic) <input type="checkbox"/> Fiberglass Reinforced Plastic Coated <input type="checkbox"/> None <input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7. Piping</b> (Mark all that apply <input checked="" type="checkbox"/> ) Bare Steel <input type="checkbox"/> Galvanized Steel <input checked="" type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Cathodically Protected <input type="checkbox"/> Unknown <input type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>8. Substance Currently or Last Stored in Greatest Quantity by Volume</b> (Mark all that apply <input checked="" type="checkbox"/> ) a. Empty <input type="checkbox"/> b. Petroleum Diesel <input type="checkbox"/> Kerosene <input type="checkbox"/> Gasoline (including alcohol blends) <input checked="" type="checkbox"/> Used Oil <input type="checkbox"/> Other, Please Specify _____ c. Hazardous Substance <input type="checkbox"/> Please Indicate Name of Principal CERCLA Substance _____ OR Chemical Abstract Service (CAS) No. _____ Mark box <input checked="" type="checkbox"/> if tank stores a mixture of substances d. Unknown <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>9. Additional Information (for tanks permanently taken out of service)</b> a. Estimated date last used (mo/yr) <u>/</u> b. Estimated quantity of substance remaining (gal.) _____ c. Mark box <input type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete) <input type="checkbox"/>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>

# Notification for Underground Storage Tanks

FORM APPROVED  
OMB NO. 2050-0049  
APPROVAL EXPIRES 6-30-88

FOR TANKS IN VA

RETURN COMPLETED FORM TO

Russell P. [redacted], III, P.G.  
Virginia Water Control Board  
P.O. Box 11143  
Richmond, VA 23230-1143

5-008436 Number  
(804) 257-6685

STATE USE ONLY

5-008310  
Date Received JAN 3, 1989

## GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

**Who Must Notify?** Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—  
(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and  
(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

**What Tanks Are Included?** Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

**What Tanks Are Excluded?** Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:  
1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;  
2. tanks used for storing heating oil for consumptive use on the premises where stored;  
3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State law;  
5. surface impoundments, pits, ponds, or lagoons;  
6. storm water or waste water collection systems;  
7. flow-through process tanks;  
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;  
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

**What Substances Are Covered?** The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

**Where To Notify?** Completed notification forms should be sent to the address given at the top of this page.

**When To Notify?** 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

**Penalties:** Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

## INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

0

### I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

Crossroads Fuel Service Inc

Street Address

150 S. Military Hwy

County

City State ZIP Code

Norfolk Virginia 23502

Area Code Phone Number

804-466-9145

Type of Owner (Mark all that apply)

- Current  State or Local Gov't  Private or Corporate  
 Former  Federal Gov't (GSA facility I.D. no.)  Ownership uncertain

### II. LOCATION OF TANK(S)

(If same as Section I, mark box here )

Facility Name or Company Site Identifier, as applicable

Crossroads Fuel Service Inc

Street Address or State Road, as applicable

Suffolk Branch / 5701 Holland Rd

County

Suffolk Va 23437

City (nearest)

State

ZIP Code

Indicate number of tanks at this location

8

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

### III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here )

Job Title

Area Code

Phone Number

JJ Bradshaw Manager

### IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location.

### V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

Signature

Date Signed

Lynn Keffer President

[Signature]

12-29-88

CONTINUE ON REVERSE SIDE

CX 3

EPA 008

# Notification for Underground Storage Tanks

FORM APPROVED  
OMB NO. 2050-0049  
APPROVAL EXPIRES 6-30-84

FOR TANKS IN VA

RETURN COMPLETED FORM TO

Russell P. Linton, III, P.G.  
Virginia Water Control Board  
P.O. Box 11143  
Richmond, VA 23230-1143

5-008436  
(804) 257-6685

STATE USE ONLY

Number ~~5-008436~~

Date Received JAN 3, 1989

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5. surface impoundments, pits, ponds, or lagoons;

6. storm water or waste water collection systems;

7. flow-through process tanks;

8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;

9. storage tanks situated in an underground area (such as a basement, cellar, mine working, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

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Indicate number of continuation sheets attached

1

### I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

Crossroads Fuel Service Inc

Street Address

150 S. Military Hwy

County

City State ZIP Code

Norfolk Virginia 23502

Area Code Phone Number

804-466-9145

Type of Owner (Mark all that apply)

- Current  State or Local Gov't  Private or Corporate  
 Former  Federal Gov't (GSA facility I.D. no.)  Ownership uncertain

### II. LOCATION OF TANK(S)

(If same as Section I, mark box here )

Facility Name or Company Site Identifier, as applicable

Crossroads Fuel Service Inc

Street Address or State Road, as applicable

Suffolk Branch / 5701 Holland Rd

County Suffolk Virginia 23437

City (nearest) State ZIP Code

Indicate number of tanks at this location

1

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

### III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here )

J. J. Bradshaw

Job Title

Manager

Area Code

804-657-6334

Phone Number

### IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location.

### V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

Lynn Keffer President

Signature

[Signature]

Date Signed

12-29-88

CONTINUE ON REVERSE SIDE

**VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)**

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 1	Tank No. 2	Tank No. 3	Tank No. 4	Tank No. 5
<b>1. Status of Tank</b> (Mark all that apply) <ul style="list-style-type: none"> <li>Currently in Use <input checked="" type="checkbox"/></li> <li>Temporarily Out of Use <input type="checkbox"/></li> <li>Permanently Out of Use <input type="checkbox"/></li> <li>Brought into Use after 5/8/86 <input type="checkbox"/></li> </ul>	<input checked="" type="checkbox"/>				
<b>2. Estimated Age (Years)</b>	10	10	10	10	10
<b>3. Estimated Total Capacity (Gallons)</b>	15000	10000	10000	15000	6000
<b>4. Material of Construction</b> (Mark one) <ul style="list-style-type: none"> <li>Steel <input checked="" type="checkbox"/></li> <li>Concrete <input type="checkbox"/></li> <li>Fiberglass Reinforced Plastic <input type="checkbox"/></li> <li>Unknown <input type="checkbox"/></li> <li>Other, Please Specify _____</li> </ul>	<input checked="" type="checkbox"/>				
<b>5. Internal Protection</b> (Mark all that apply) <ul style="list-style-type: none"> <li>Cathodic Protection <input type="checkbox"/></li> <li>Interior Lining (e.g., epoxy resins) <input type="checkbox"/></li> <li>None <input type="checkbox"/></li> <li>Unknown <input checked="" type="checkbox"/></li> <li>Other, Please Specify _____</li> </ul>	<input type="checkbox"/>				
<b>6. External Protection</b> (Mark all that apply) <ul style="list-style-type: none"> <li>Cathodic Protection <input type="checkbox"/></li> <li>Painted (e.g., asphaltic) <input checked="" type="checkbox"/></li> <li>Fiberglass Reinforced Plastic Coated <input type="checkbox"/></li> <li>None <input type="checkbox"/></li> <li>Unknown <input type="checkbox"/></li> <li>Other, Please Specify _____</li> </ul>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>7. Piping</b> (Mark all that apply) <ul style="list-style-type: none"> <li>Bare Steel <input type="checkbox"/></li> <li>Galvanized Steel <input checked="" type="checkbox"/></li> <li>Fiberglass Reinforced Plastic <input type="checkbox"/></li> <li>Cathodically Protected <input type="checkbox"/></li> <li>Unknown <input type="checkbox"/></li> <li>Other, Please Specify _____</li> </ul>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>8. Substance Currently or Last Stored in Greatest Quantity by Volume</b> (Mark all that apply) <ul style="list-style-type: none"> <li>a. Empty <input type="checkbox"/></li> <li>b. Petroleum <input checked="" type="checkbox"/> <ul style="list-style-type: none"> <li>Diesel <input checked="" type="checkbox"/></li> <li>Kerosene <input type="checkbox"/></li> <li>Gasoline (including alcohol blends) <input type="checkbox"/></li> <li>Used Oil <input type="checkbox"/></li> <li>Other, Please Specify _____</li> </ul> </li> <li>c. Hazardous Substance <input type="checkbox"/></li> <li>Please Indicate Name of Principal CERCLA Substance _____</li> <li>OR</li> <li>Chemical Abstract Service (CAS) No. _____</li> <li>Mark box <input checked="" type="checkbox"/> if tank stores a mixture of substances</li> <li>d. Unknown <input type="checkbox"/></li> </ul>	<input type="checkbox"/>				
<b>9. Additional Information (for tanks permanently taken out of service)</b> <ul style="list-style-type: none"> <li>a. Estimated date last used (mo/yr) _____</li> <li>b. Estimated quantity of substance remaining (gal.) _____</li> <li>c. Mark box <input type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)</li> </ul>	/	/	/	/	/

**VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)**

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 6	Tank No. 7	Tank No. 8	Tank No.	Tank No.
<b>1. Status of Tank</b> (Mark all that apply) <input type="checkbox"/> Currently in Use <input type="checkbox"/> Temporarily Out of Use <input type="checkbox"/> Permanently Out of Use Brought into Use after 5/8/86	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. Estimated Age (Years)</b>	10	10	10		
<b>3. Estimated Total Capacity (Gallons)</b>	6000	6000	6000		
<b>4. Material of Construction</b> (Mark one) <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Fiberglass Reinforced Plastic <input checked="" type="checkbox"/> Unknown Other, Please Specify _____	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5. Internal Protection</b> (Mark all that apply) <input type="checkbox"/> Cathodic Protection <input checked="" type="checkbox"/> Interior Lining (e.g., epoxy resins) <input type="checkbox"/> None <input type="checkbox"/> Unknown Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6. External Protection</b> (Mark all that apply) <input type="checkbox"/> Cathodic Protection <input checked="" type="checkbox"/> Painted (e.g., asphaltic) <input type="checkbox"/> Fiberglass Reinforced Plastic Coated <input type="checkbox"/> None <input type="checkbox"/> Unknown Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7. Piping</b> (Mark all that apply) <input type="checkbox"/> Bare Steel <input checked="" type="checkbox"/> Galvanized Steel <input type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Cathodically Protected <input type="checkbox"/> Unknown Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>8. Substance Currently or Last Stored in Greatest Quantity by Volume</b> (Mark all that apply) <input type="checkbox"/> a. Empty <input checked="" type="checkbox"/> (b) Petroleum <input type="checkbox"/> Diesel <input type="checkbox"/> Kerosene <input checked="" type="checkbox"/> Gasoline (including alcohol blends) <input type="checkbox"/> Used Oil <input type="checkbox"/> Other, Please Specify _____ <input type="checkbox"/> c. Hazardous Substance Please Indicate Name of Principal CERCLA Substance _____ OR Chemical Abstract Service (CAS) No. _____ Mark box <input type="checkbox"/> if tank stores a mixture of substances <input type="checkbox"/> d. Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>9. Additional Information (for tanks permanently taken out of service)</b> a. Estimated date last used (mo/yr) _____ b. Estimated quantity of substance remaining (gal.) _____ c. Mark box <input type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# Notification for Underground Storage Tanks

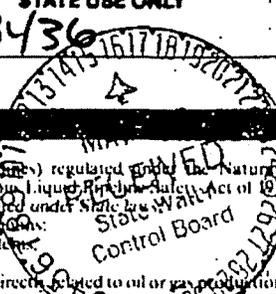
FORM APPROVED  
OMB NO. 2050-2048  
APPROVAL EXPIRES 6-30-88

Send to: Mr. Russell P. Ellison III, P.G.  
Virginia Water Control Board  
P.O. Box 11143  
Richmond, Virginia 23230-1143 Tel. (804) 257-6685

STATE USE ONLY

IS-Number  
**S-008436**

Date Received



## GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

**Who Must Notify?** Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means--

(a) in the case of an underground storage tank in use on November 8, 1984, brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

**What Tanks Are Included?** Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

**What Tanks Are Excluded?** Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1975, or which is an intrastate pipeline facility regulated under State law;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, tunnel, or shaft) if the storage tank is situated upon or above the surface of the floor.

**What Substances Are Covered?** The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g. crude oil or any fraction thereof when in liquid at standard atmospheric temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

**Where To Notify?** Completed notification forms should be sent to the address given at the top of this page.

**When To Notify?** 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

**Penalties:** Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

## INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

### I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

Crossroads Fuel Service, Inc

Street Address

335 G S. Centerville Pike

County

Chesapeake Va 23322

City State ZIP Code

Area Code Phone Number

804-482-1589

Type of Owner (Mark all that apply)

- Current  State or Local Gov't  Private or Corporate  
 Former  Federal Gov't (GSA facility I.D. no.)  Ownership uncertain

### II. LOCATION OF TANK(S)

(If same as Section I, mark box here )

Facility Name or Company Site Identifier, as applicable

Crossroads Fuel Service Inc

Street Address or State Road, as applicable

Suffolk Branch / 5701 Holland Rd

County

Suffolk Va 23437

City (nearest) State ZIP Code

Indicate number of tanks at this location

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

### III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here )

J.J. Bradshaw

Job Title

Manager

Area Code

804-657-6334

Phone Number

### IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location.

### V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

Lynn Keffer Resident

Signature

Lynn Keffer

Date Signed

5-15-90

CONTINUE ON REVERSE SIDE

# Notification for Underground Storage Tanks

FORM APPROVED  
OMB NO. 2050-0049  
APPROVAL EXPIRES 6-30-88

FOR  
TANKS  
IN  
VA

RETURN  
COMPLETED  
FORM  
TO

Russell Wilson, III, P.G.  
Virginia Water Control Board  
P.O. Box 1143  
Richmond, VA 23230-1143

Rec. Cros. 5/23  
Ass  
(804) 257-6685

STATE USE ONLY  
I.D. Number S-208436  
Date Received MAY 19 1990

## GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, or that are brought into use after May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA) as amended.

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(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances; and

(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

**What Tanks Are Included?** Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

**What Tanks Are Excluded?** Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State law;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mine, shaft, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

**What Substances Are Covered?** The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

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Indicate number of continuation sheets attached

### I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)  
Crossroads Fuel Service Inc

Street Address  
335 G S, Centerville Pike

County

City  
Chesapeake State  
Va ZIP Code  
23322

Area Code  
804 Phone Number  
482-2179

Type of Owner (Mark all that apply )

Current  State or Local Gov't  Private or Corporate  
 Former  Federal Gov't (GSA facility I.D. no.)  Ownership uncertain

### II. LOCATION OF TANK(S)

(If same as Section I, mark box here )

Facility Name or Company Site Identifier, as applicable  
Crossroads Fuel Service Inc

Street Address or State Road, as applicable  
SubPolk Branch 5701 Holland Rd

County

City (nearest)  
SubPolk State  
Va ZIP Code  
23437

Indicate number of tanks at this location

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

### III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here )  
J.T. Bradshaw Job Title  
Manager Area Code  
804 Phone Number  
657-6334

### IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location

### V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative  
Lynn Keffer Signature  
Lynn Keffer Date Signed  
5-17-90

CONTINUE ON REVERSE SIDE

CX 5

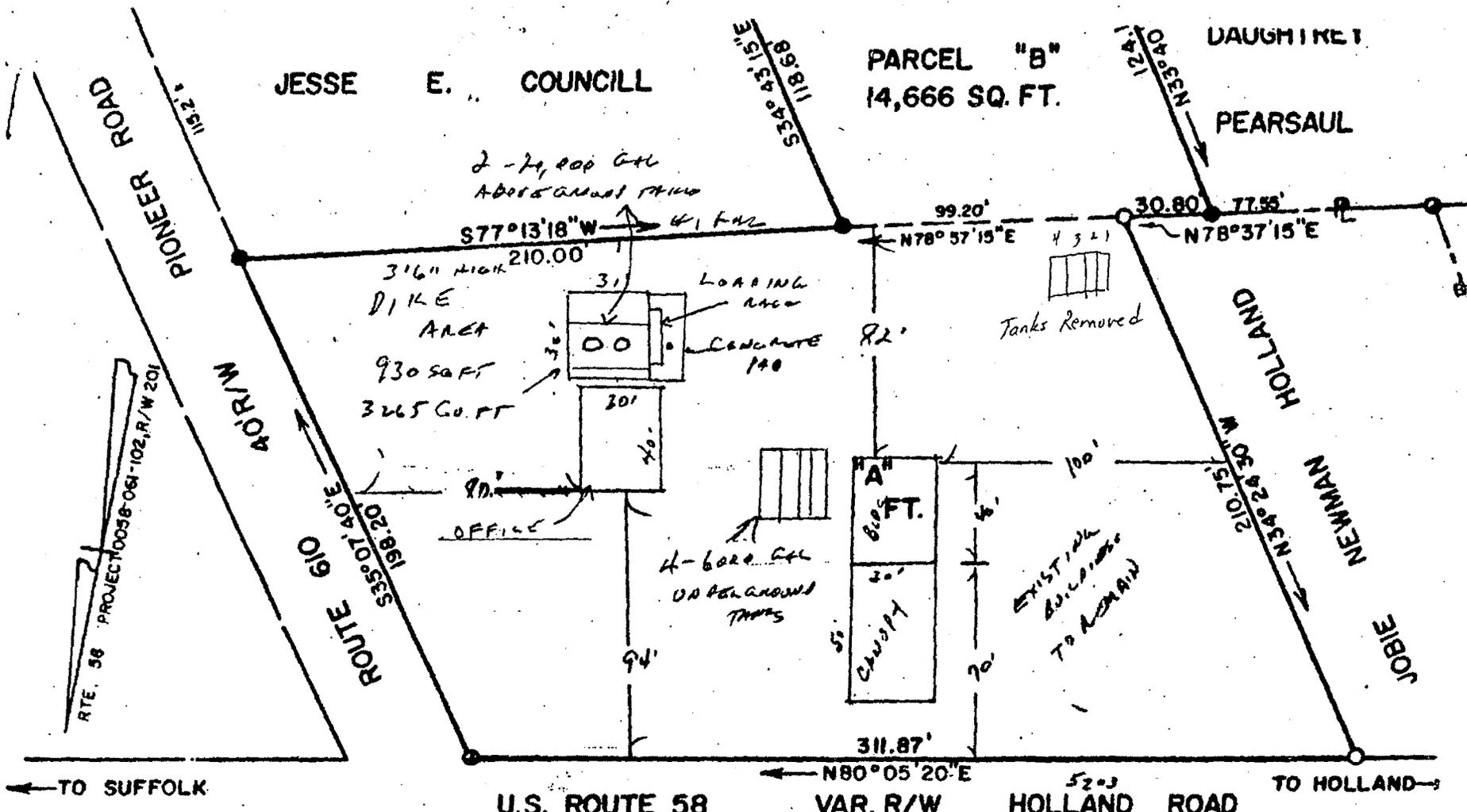
EPA 013

**VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)**

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. One	Tank No. Two	Tank No. Three	Tank No. Four	Tank No. Five
<b>1. Status of Tank</b> (Mark all that apply) <input type="checkbox"/> Currently in Use <input type="checkbox"/> Temporarily Out of Use <input checked="" type="checkbox"/> Permanently Out of Use Brought into Use after 5/8/86	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>2. Estimated Age (Years)</b>	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
<b>3. Estimated Total Capacity (Gallons)</b>	15000	10000	10000	15000	6000
<b>4. Material of Construction</b> (Mark one) <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Unknown Other, Please Specify _____	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>5. Internal Protection</b> (Mark all that apply) <input type="checkbox"/> Cathodic Protection <input type="checkbox"/> Interior Lining (e.g., epoxy resins) <input type="checkbox"/> None <input checked="" type="checkbox"/> Unknown Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>6. External Protection</b> (Mark all that apply) <input type="checkbox"/> Cathodic Protection <input checked="" type="checkbox"/> Painted (e.g., asphaltic) <input type="checkbox"/> Fiberglass Reinforced Plastic Coated <input type="checkbox"/> None <input type="checkbox"/> Unknown Other, Please Specify _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>7. Piping</b> (Mark all that apply) <input type="checkbox"/> Bare Steel <input checked="" type="checkbox"/> Galvanized Steel <input type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Cathodically Protected <input type="checkbox"/> Unknown Other, Please Specify _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>8. Substance Currently or Last Stored In Greatest Quantity by Volume</b> (Mark all that apply) <b>a. Empty</b> <input type="checkbox"/> <b>b. Petroleum</b> <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Kerosene <input type="checkbox"/> Gasoline (including alcohol blends) <input type="checkbox"/> Used Oil Other, Please Specify _____ <b>c. Hazardous Substance</b> <input type="checkbox"/> Please Indicate Name of Principal CERCLA Substance _____ OR Chemical Abstract Service (CAS) No. _____ Mark box <input checked="" type="checkbox"/> if tank stores a mixture of substances <b>d. Unknown</b> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>9. Additional Information (for tanks permanently taken out of service)</b> a. Estimated date last used (mo/yr) b. Estimated quantity of substance remaining (gal.) c. Mark box <input type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	Removed 2190 0 <input type="checkbox"/>	Removed 2190 0 <input type="checkbox"/>	Removed 2190 0 <input type="checkbox"/>	Removed 2190 0 <input type="checkbox"/>	1 <input type="checkbox"/>

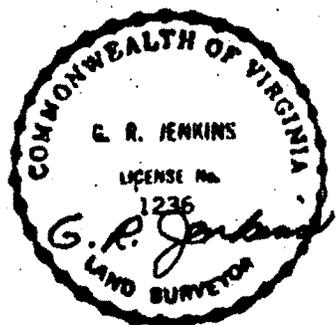
**VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)**

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. <u>Six</u>	Tank No. <u>Seven</u>	Tank No. <u>Eight</u>	Tank No.	Tank No.
<b>1. Status of Tank</b> (Mark all that apply <input type="checkbox"/> ) Currently in Use <input checked="" type="checkbox"/> Temporarily Out of Use <input type="checkbox"/> Permanently Out of Use <input type="checkbox"/> Brought into Use after 5/8/86 <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. Estimated Age (Years)</b>	<u>11 1/2</u>	<u>11 1/2</u>	<u>11 1/2</u>		
<b>3. Estimated Total Capacity (Gallons)</b>	<u>6,000</u>	<u>6,000</u>	<u>6,000</u>		
<b>4. Material of Construction</b> (Mark one <input type="checkbox"/> ) Steel <input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Unknown <input type="checkbox"/> Other, Please Specify _____	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5. Internal Protection</b> (Mark all that apply <input type="checkbox"/> ) Cathodic Protection <input type="checkbox"/> Interior Lining (e.g., epoxy resins) <input checked="" type="checkbox"/> None <input type="checkbox"/> Unknown <input type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6. External Protection</b> (Mark all that apply <input type="checkbox"/> ) Cathodic Protection <input type="checkbox"/> Painted (e.g., asphaltic) <input checked="" type="checkbox"/> Fiberglass Reinforced Plastic Coated <input type="checkbox"/> None <input type="checkbox"/> Unknown <input type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7. Piping</b> (Mark all that apply <input type="checkbox"/> ) Bare Steel <input type="checkbox"/> Galvanized Steel <input checked="" type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Cathodically Protected <input type="checkbox"/> Unknown <input type="checkbox"/> Other, Please Specify _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>8. Substance Currently or Last Stored in Greatest Quantity by Volume</b> (Mark all that apply <input type="checkbox"/> ) a. Empty <input type="checkbox"/> b. Petroleum <input type="checkbox"/> Diesel <input type="checkbox"/> Kerosene <input type="checkbox"/> Gasoline (including alcohol blends) <input checked="" type="checkbox"/> Used Oil <input type="checkbox"/> Other, Please Specify _____ c. Hazardous Substance <input type="checkbox"/> Please Indicate Name of Principal CERCLA Substance _____ OR Chemical Abstract Service (CAS) No. _____ Mark box <input type="checkbox"/> if tank stores a mixture of substances d. Unknown <input type="checkbox"/>	<u>B</u>	<u>B</u>	<u>B</u>	<input type="checkbox"/>	<input type="checkbox"/>
<b>9. Additional Information (for tanks permanently taken out of service)</b> a. Estimated date last used (mo/yr) <u>1</u> b. Estimated quantity of substance remaining (gal.) _____ c. Mark box <input type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete) <input type="checkbox"/>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>



**SURVEY**  
 SHOWING PROPERTY OF  
**MARVIN REID, JR.**  
 HOLY NECK BOROUGH SUFFOLK, VIRGINIA  
 SCALE 1" = 50' AUGUST 6, 1980

**G. R. JENKINS**  
 LAND SURVEYOR NO. 1236  
 SUFFOLK, VIRGINIA



I DO HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY SHOWN ON THIS PLAT.

DATE \_\_\_\_\_ OWNER \_\_\_\_\_  
 STATE OF VIRGINIA, \_\_\_\_\_  
 CITY OF \_\_\_\_\_ TO WIT \_\_\_\_\_

I, \_\_\_\_\_, A NOTARY PUBLIC IN AND FOR THE CITY AND STATE AFORESAID DO HEREBY CERTIFY THAT THE ABOVE PERSON WHOSE NAME IS SIGNED TO THE FOREGOING WRITING HAS ACKNOWLEDGED THE SAME BEFORE ME IN MY CITY AND STATE AFORESAID.

GIVEN UNTO MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 19\_\_\_\_  
 MY COMMISSION EXPIRES \_\_\_\_\_

EPA 016

**CROSSROADS FUEL SERVICE, INC.**  
335-G S. CENTERVILLE TURNPIKE  
CHESAPEAKE, VIRGINIA 23322  
PHONE: 482-2179

7-17-97

Someone called in & requested this  
Additional information. Please,  
see to it that these forms  
get in our file. Thank you!



CX 6

EPA 017

# 5-008436

VA

DEQ-Water Form 7530-1 (7/84)

<b>Notification for Underground Storage Tanks</b>		STATE USE ONLY
State Agency Name and Address DEQ-Water - UST Program	P. O. Box No. 10009 Richmond, VA 23240-0009	ID NUMBER
TYPE OF NOTIFICATION		DATE RECEIVED
<input type="checkbox"/> A. NEW FACILITY <input checked="" type="checkbox"/> B. AMENDED <input type="checkbox"/> C. CLOSURE		A. NEW
4 No. of tanks at facility    No. of continuation sheets attached		B. AMENDED
INSTRUCTIONS		C. ENTERED INTO UST-DMS 7-24-89
Please type or print in ink all items except "signature" in section VIII. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy pages 3, 4 and 5, and staple continuation sheets to the form.		D. Comments

GENERAL INFORMATION

Notification is required by Virginia law for all underground storage tanks that have been used to store regulated substances and were in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by §62.1-44.34:9.5 & 7 of the Virginia State Water Control Law, Article 9.

The primary purpose of this notification program is to locate and evaluate underground storage tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonable available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify?

A. Virginia State Water Control Law Article 9 § 62.1-44.34:9.5 & 7, requires that unless exempted, owners of underground storage tanks that store regulated substances must notify the State Water Control Board of the existence of their tanks. Owner means:

1) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use or dispensing of regulated substances, and

2) in the case of any underground storage tank in use before November 8, 1984; but no longer in use after that date, any person who owned such tank immediately before the discontinuation of its use, and

B. Owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground.

What UST's Must Be Notified? Underground storage tank or "UST" means any one or combination of tanks (including underground pipes connected thereto) that is used to contain an accumulation of regulated substances, and the volume of which (including the volume of underground pipes connected thereto) is 10% or more beneath the surface of the ground.

What UST's Are Excluded From Notification Requirements?

1. Farm or residential tank of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. Tank used for storing heating oil for consumption on the premises where stored, except for tanks having a capacity of more than 5,000 gallons and used for storing heating oil;
3. Septic tank;
4. Pipeline facility (including gathering lines) regulated under:
  - a. The Natural Gas Pipeline Safety Act of 1968 (49 U.S.C. App. 1571, et seq.);
  - b. The Hazardous Liquid Pipeline Safety Act of 1979 (49 U.S.C. App. 2301, et seq.);
  - c. Which is an intrastate pipeline facility regulated under state law comparable to the provisions of the law referred to in subdivisions 4.a or 4.b of this definition;
5. Surface impoundment, pit, pond, or lagoon;
6. Storm-water or wastewater collection system;
7. Flow-through process tank;
8. Liquid trap or associated gathering lines directly related to oil and gas production and gathering operations; or
9. Storage tank situated in an underground area (such as a basement, cellar, crawlspace, tunnel, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

The Following Need Not Notify, But May Be Regulated.

10. Wastewater treatment tank systems;
11. Any UST systems containing radioactive material that are regulated under the Atomic Energy Act of 1954 (42 USC 2011 and following);
12. Any UST system that is part of an emergency generator system at nuclear power generation facilities regulated by the Nuclear Regulatory Commission under 10 CFR 43.150, Appendix A;

13. Airport hydrant fuel distribution systems; and
14. UST systems with field-constructed tanks

What Substances Are Covered? "Regulated substance" means an element, compound, mixture, solution, or substance that, when released into the environment, may present substantial danger to the public health or welfare, or of the environment. The term "regulated substance" includes:

1. Any substance defined in § 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, but not any substance regulated as a hazardous waste under subtitle C of the Resource Conservation and Recovery Act (RCRA) of 1976; and
2. Petroleum, including crude oil or any fraction thereof, that is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute). The term "regulated substance" includes but is not limited to petroleum and petroleum-based substances comprised of a complex blend of hydrocarbons derived from crude oil through processes of separation, conversion, upgrading, and finishing, such as motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, and used oils.

When to Notify?

A. Any owner who brings an underground storage tank system into use must within 30 days of bringing such tank into use, submit a notice of existence of such tank system to the board. Any change in: ownership; tank status (e.g., temporarily / permanently closed out); tank/piping systems (e.g., upgrades such as addition of corrosion protection, internal lining, release detection); substance stored (e.g., change from petroleum to hazardous substance) requires the UST owner to submit an amended notification form within 30 days after such change/upgrade occurs or is brought into use. Owners may provide notice for several tanks using one notification form, but owners with tanks located at more than one place of operation must file a separate notification form for each separate place of operation.

Under Virginia UST notification requirements effective July 1, 1987, owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground, must notify the board on the notification form.

Notices required to be submitted must provide all of the information in Sections I through D of this form (Section X as required) for each tank for which notice must be given. Notices for tanks installed after December 22, 1988, must also provide all of the information in Section D of this form for each tank for which notice must be given.

B. All owners and operators of new UST systems must certify in the notification form compliance with the following requirements of Virginia Regulation VR 680-13-02:

1. Installation of tanks and piping under subsection E of § 2.1;
  2. Cathodic protection of steel tanks and piping under subsections A and B of § 2.1;
  3. Release detection under §§ 4.2, and 4.3
- Financial responsibility under Virginia Regulation VR 680-13-03.
- C. All owners and operators of new UST systems must ensure that the installer certifies in the notification form that the methods used to install the tanks and piping comply with the requirements in subsection D of § 2.1 of VR 680-13-02.
- D. Beginning October 24, 1988, any person who sells a tank intended to be used as an underground storage tank must notify the purchaser of such tank of the owner's notification obligations under subsection A of this section. The statement provided in Appendix II of VR 680-13-02 may be used to comply with this requirement.



I. OWNERSHIP OF TANK(S)

II. LOCATION OF TANK(S)

Cross Roads Fuel Service

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

335 G. S. Centerville Rd

Street Address

Chesapeake Va 23322

City State ZIP Code

757-482-2179

Phone Number (Include Area Code)

If known, give the geographic location of tank(s) by degrees, minutes, and seconds. Example Lat. 42, 35, 12N Long. 85, 24, 17W

Latitude N 36° 41' 29.3" Longitude W 076° 44' 49.9"

(If same as Section I, mark box here)

Crossroads - Suffolk Branch

Facility or Company Site Identifier, as applicable

5713 Hulland Rd

Street Address (P. O. Box not acceptable)

Suffolk Va 23437

City State ZIP Code

County Municipality

III. TYPE OF OWNER		IV. INDIAN LANDS	
<input type="checkbox"/> Federal Government	<input type="checkbox"/> Commercial	Tanks are located on land within an Indian Reservation or on other trust lands. <input type="checkbox"/>	Tribe or Nation: _____
<input type="checkbox"/> State Government	<input checked="" type="checkbox"/> Private	Tanks are owned by Native American nation, tribe, or individual. <input type="checkbox"/>	
<input type="checkbox"/> Local Government			

**V. TYPE OF FACILITY**

Select the Appropriate Facility Description:

<input checked="" type="checkbox"/> Gas Station/Convenience Store	<input type="checkbox"/> State Government	<input type="checkbox"/> Contractor
<input type="checkbox"/> Petroleum Distributor	<input type="checkbox"/> Railroad	<input type="checkbox"/> Trucking/Transport
<input type="checkbox"/> Air Taxi (Airline)	<input type="checkbox"/> Federal - Non-Military	<input type="checkbox"/> Utilities
<input type="checkbox"/> Aircraft Owner	<input type="checkbox"/> Federal - Military	<input type="checkbox"/> Residential
<input type="checkbox"/> Auto Dealership	<input type="checkbox"/> Commercial	<input type="checkbox"/> Farm
<input type="checkbox"/> Local Government	<input type="checkbox"/> Industrial	<input type="checkbox"/> Other (Explain) _____

**VI. CONTACT PERSON IN CHARGE OF TANKS**

Name (Print)	Job Title	Mailing Address	Phone Number (Include Area Code)
Lynn Keffer	President	335 G. S. Centerville Tpke Chesapeake VA 23322	757-482-2179

**VII. FINANCIAL RESPONSIBILITY**

I have met the financial responsibility requirements in accordance with VR680-13-03 utilizing the following method(s).

---

Mark All that Apply

<input type="checkbox"/> Self Insurance	<input type="checkbox"/> Guarantee	<input checked="" type="checkbox"/> Virginia Underground Petroleum Storage Tank Fund
<input type="checkbox"/> Commercial Insurance	<input type="checkbox"/> Surety Bond	<input type="checkbox"/> Trust Fund
<input type="checkbox"/> Risk Retention Group	<input type="checkbox"/> Letter of Credit	<input type="checkbox"/> Other Method Allowed (Specify) _____

**VIII. CERTIFICATION (Read and sign after completing all sections)**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. (To be signed by either the owner or the owner's authorized representative)

Name and official title of owner (Print) Crossroads Fuel Service Inc by H. Lynn Keffer - President	Signature 	Date Signed 7-17-97
Name and official title of owner's authorized representative (Print)	Signature	Date Signed

**IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)**

Tank Identification Number	Tank No. <u>1</u>	Tank No. <u>2</u>	Tank No. <u>3</u>	Tank No. <u>4</u>	Tank No. _____
1. Status of Tank (Mark only one)      Currently in Use	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temporarily Out of Use (Remember to fill out section X.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Permanently Out of Use (Remember to fill out section X.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Amendment of Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Date of Installation (mo./year)	<u>4/26/76</u>	<u>4/26/76</u>	<u>4/26/76</u>	<u>4/26/76</u>	<u>4/26/76</u>
3. Estimated Total Capacity (gallons)	<u>6000</u>	<u>6000</u>	<u>6000</u>	<u>500</u>	
4. Tank Material of Construction (Mark all that apply)					
Asphalt Coated or Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cathodically Protected Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Epoxy Coated Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Composite (Steel with Fiberglass)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fiberglass Reinforced Plastic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lined Interior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Polyethylene Tank Jacket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Excavation Liner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (Please specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has tank been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Piping Material of Construction (Mark all that apply)					
Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Galvanized Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fiberglass Reinforced Plastic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Copper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cathodically Protected	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (Please specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has piping been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Piping (Type) (Mark only one)					
Suction: no valve at tank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Suction: valve at tank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gravity Fed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tank Identification Number      Tank No. 1      Tank No. 2      Tank No. 3      Tank No. 4      Tank No. \_\_\_\_\_

7. Substance Currently or Last Stored In Greatest Quantity by Volume	Tank No. 1	Tank No. 2	Tank No. 3	Tank No. 4	Tank No. _____
Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Diesel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gasohol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kerosene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heating Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Used Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (Please specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<hr/>					
Hazardous Substance CERCLA name and/or CAS Number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<hr/>					
Mixture of Substances Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**X. TANKS OUT OF USE OR CHANGE IN SERVICE**

1. Closing of Tank					
A. Estimated date last used (mo./day/year)	<input type="text"/>				
<hr/>					
B. Estimate date tank closed (mo./day/year)	<input type="text"/>				
<hr/>					
C. Tank was removed from ground	<input type="checkbox"/>				
D. Tank was closed in ground	<input type="checkbox"/>				
E. Tank filled with inert material	<input type="checkbox"/>				
Describe	<input type="text"/>				
F. Change in service	<input type="checkbox"/>				
<hr/>					
2. Closure Assessment Completed (Site Map and Soil Sampling Results must be submitted with this form.)	<input type="checkbox"/>				
<hr/>					
3. Evidence of a leak detected	<input type="checkbox"/>				

**XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)**

Tank Identification Number	Tank No. <u>1</u>	Tank No. <u>2</u>	Tank No. <u>3</u>	Tank No. <u>4</u>	Tank No. _____					
<b>1. Installation</b> * A. Installer certified by tank and piping manufacturers B. Installation inspected by a registered engineer C. Manufacturer's installation check-lists have been completed D. Obtained certificate of use issued by local permitting official E. Another method allowed by State Water Control Board. (Please specify)	<input type="checkbox"/>									
	<input type="checkbox"/>									
	<input type="checkbox"/>									
	<input type="checkbox"/>									
	<input type="checkbox"/>									
	<input type="checkbox"/>									
<b>2. Release Detection (Mark all that apply)</b> *	TANK	PIPING								
A. Manual tank gauging	<input type="checkbox"/>									
B. Tank tightness testing	<input type="checkbox"/>									
C. Inventory controls	<input type="checkbox"/>									
D. Automatic gauging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
E. Vapor monitoring	<input type="checkbox"/>									
F. Groundwater monitoring	<input type="checkbox"/>									
G. Interstitial monitoring, double walled tank and/or piping	<input type="checkbox"/>									
H. Interstitial monitoring/secondary containment	<input type="checkbox"/>									
I. Automatic line leak detectors	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
J. Line tightness testing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
K. Other method allowed by State Water Control Board. (Please specify)	<input type="checkbox"/>									
	<input type="checkbox"/>									
	<input type="checkbox"/>									
<b>3. Spill and Overfill Protection</b>										
A. Overfill device installed	<input checked="" type="checkbox"/>									
B. Spill device installed	<input type="checkbox"/>									

\*  
 OATH: I certify the information concerning installation that is provided in section XI is true to the best of my belief and knowledge.

Installer: \_\_\_\_\_  
 Name  
 \_\_\_\_\_  
 Position

Signature: *[Handwritten Signature]*  
 \_\_\_\_\_  
 Company

Date: 2-17-97

**CROSSROADS FUEL SERVICE, INC.**

335-G S. CENTERVILLE TURNPIKE  
CHESAPEAKE, VIRGINIA 23322  
PHONE: 482-2179

OSRR

JAN 08 1998

*Amy Harshman  
D. E. Q.  
P. O. Box 10009  
Richmond, Virginia 23240*

January 6, 1998

*Dear Ms. Harshman :*

*I have corrected the entry in Section D (Tank Material of Construction), the second item you needed concerning the piping. We replaced the piping back in 1990, the same time we lined the tanks, and I must have marked the wrong piping under Number 5 at that time.*

*I have included a sketch of the property and lines, along with copies of the soil samples. I do not know where the samples were pulled for sure. Daddy handled this in 1990, and he has since passed away.*

*As for the building permit, I know we had one, but I do not have a copy of it.*

*Roger Turner of Turner and Sons did the pipe work, and Armor Shield of Virginia did the tank work. A copy of their warranty is enclosed.*

*If you need anymore information, let me know, and I'll do my best to get it.*

Thanks,

  
Lynn Keffer  
President

CX 7

EPA 023

# 5-008436

VA Y.P. of Kemaact  
DEQ-Water Form 7530-1 (7/94)  
5-008436

**Notification for Underground Storage Tanks**

State Agency Name and Address: **DEQ-Water - UST Program**  
 P. O. Box No. 10009  
 Richmond, VA 23240-0009

**TYPE OF NOTIFICATION**

A. NEW FACILITY  B. AMENDED  C. CLOSURE

4 No. of tanks at facility        No. of continuation sheets attached

**INSTRUCTIONS**

Please type or print in ink all items except "signature" in section VIII. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy pages 3, 4 and 5, and staple continuation sheets to the form.

**STATE USE ONLY**

ID NUMBER: \_\_\_\_\_

DATE RECEIVED: \_\_\_\_\_

A. NEW \_\_\_\_\_

B. AMENDED \_\_\_\_\_

C. ENTERED INTO USEDMS: 0-21-00

D. Comments: \_\_\_\_\_

**GENERAL INFORMATION**

Notification is required by Virginia law for all underground storage tanks that have been used to store regulated substances and were in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by §62.1-44.34:9.6 & 7 of the Virginia State Water Control Law, Article 9.

The primary purpose of this notification program is to locate and evaluate underground storage tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonable available records, or in the absence of such records, your knowledge, belief, or recollection.

**Who Must Notify?**

A. Virginia State Water Control Law Article 9 § 62.1-44.34:9.6 & 7, requires that unless exempted, owners of underground storage tanks that store regulated substances must notify the State Water Control Board of the existence of their tanks. Owner means:

- 1) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use or dispensing of regulated substances, and
- 2) in the case of any underground storage tank in use before November 8, 1984; but no longer in use after that date, any person who owned such tank immediately before the discontinuation of its use, and

B. Owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground.

**What UST's Must Be Notified?** Underground storage tank or "UST" means any one or combination of tanks (including underground pipes connected thereto) that is used to contain an accumulation of regulated substances, and the volume of which (including the volume of underground pipes connected thereto) is 10% or more beneath the surface of the ground.

**What UST's Are Excluded From Notification Requirements?**

1. Farm or residential tank of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. Tank used for storing heating oil for consumption on the premises where stored, except for tanks having a capacity of more than 5,000 gallons and used for storing heating oil;
3. Septic tank;
4. Pipeline facility (including gathering lines) regulated under:
  - a. The Natural Gas Pipeline Safety Act of 1968 (49 U.S.C. App. 1671)
  - b. The Hazardous Liquid Pipeline Safety Act of 1979 (49 U.S.C. App. 1611)
  - c. Which is an intrastate pipeline facility regulated under state laws comparable to the provisions of the law referred to in subdivisions 4.a or 4.b of this definition;
5. Surface impoundment, pit, pond, or lagoon;
6. Storm-water or wastewater collection system;
7. Flow-through process tank;
8. Liquid trap or associated gathering lines directly related to oil and gas production and gathering operations; or
9. Storage tank situated in an underground area (such as a basement, cellar, or tunnel) if the storage tank is situated upon or above the floor of the area.

The Following Need Not Notify, But May Be Regulated.

10. Wastewater treatment tank systems;
11. Any UST systems containing radioactive material that are regulated under the Atomic Energy Act of 1954 (42 USC 2011 and following);
12. Any UST system that is part of an emergency generator system at nuclear power generation facilities regulated by the Nuclear Regulatory Commission under 10 CFR Part 50, Appendix A;

13. Airport hydrant fuel distribution systems; and
14. UST systems with field-constructed tanks

**What Substances Are Covered?** "Regulated substance" means an element, compound, mixture, solution, or substance that, when released into the environment, may present substantial danger to the public health or welfare, or the environment. The term "regulated substance" includes:

1. Any substance defined in § 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or 1980, but not any substance regulated as a hazardous waste under subtitle C of the Resource Conservation and Recovery Act (RCRA) of 1976; and
2. Petroleum, including crude oil or any fraction thereof, that is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute). The term "regulated substance" includes but is not limited to petroleum and petroleum-based substances comprised of a complex blend of hydrocarbons derived from crude oil through processes of separation, conversion, upgrading, and finishing, such as motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, and used oils.

**When to Notify?**

A. Any owner who brings an underground storage tank system into use must within 30 days of bringing such tank into use, submit a notice of existence of such tank system to the board. Any change in: ownership; tank status (e.g., temporarily / permanently closed out); tank/piping systems (e.g., upgrades such as addition of corrosion protection, internal lining, release detection); substance stored (e.g., change from petroleum to hazardous substance) requires the UST owner to submit an amended notification form within 30 days after such change/upgrade occurs or is brought into use. Owners may provide notice for several tanks using one notification form, but owners with tanks located at more than one place of operation must file a separate notification form for each separate place of operation.

Under Virginia UST notification requirements effective July 1, 1987, owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground, must notify the board on the notification form.

Notices required to be submitted must provide all of the information in Sections I through IV of this form (Section X as required) for each tank for which notice must be given. Notices for tanks installed after December 22, 1988, must also provide all of the information in Section III of this form for each tank for which notice must be given.

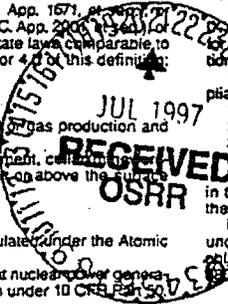
B. All owners and operators of new UST systems must certify in the notification form compliance with the following requirements of Virginia Regulation VR 680-13-02:

1. Installation of tanks and piping under subsection E of § 2.1;
2. Cathodic protection of steel tanks and piping under subsections A and B of § 2.1;
3. Release detection under §§ 4.2, and 4.3.

Financial responsibility under Virginia Regulation VR 680-13-03.

All owners and operators of new UST systems must ensure that the installer certifies in the notification form that the methods used to install the tanks and piping comply with the requirements in subsection D of § 2.1 of VR 680-13-02.

D. Beginning October 24, 1988, any person who sells a tank intended to be used as an underground storage tank must notify the purchaser of such tank of the owner's notification requirements under subsection A of this section. The statement provided in Appendix II of VR 680-13-02 may be used to comply with this requirement.



**I. OWNERSHIP OF TANK(S)**

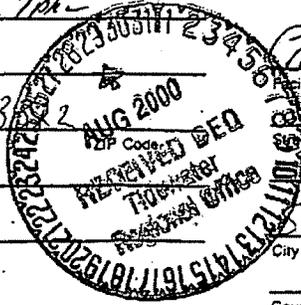
Cross Roads Fuel Service  
 Owner Name (Corporation, Individual, Public Agency, or Other Entity)  
335 G. S. Centerville Rd  
 Street Address  
Chesapeake Va 23022  
 City State  
23022  
 County  
757-482-2179  
 Phone Number (Include Area Code)

**II. LOCATION OF TANK(S)**

If known, give the geographic location of tank(s) by degrees, minutes, and seconds. Example Lat. 42, 36, 12N Long. 85, 24, 17W  
 Latitude N 36° 41' 29.3" Longitude W 076° 44' 49.9"

(If same as Section I, mark box here)

Crossroads - Suffolk Branch  
 Facility or Company Site Identifier, as applicable  
5703 Hulland Rd  
 Street Address (P. O. Box not acceptable)  
Suffolk Va 23437  
 City State ZIP Code  
 County Municipality



III. TYPE OF OWNER		IV. INDIAN LANDS	
<input type="checkbox"/> Federal Government	<input type="checkbox"/> Commercial	Tanks are located on land within an Indian Reservation or on other trust lands. <input type="checkbox"/>	Tribe or Nation:
<input type="checkbox"/> State Government	<input checked="" type="checkbox"/> Private		_____
<input type="checkbox"/> Local Government			Tanks are owned by Native American nation, tribe, or individual. <input type="checkbox"/>

**V. TYPE OF FACILITY**

Select the Appropriate Facility Description:

<input checked="" type="checkbox"/> Gas Station/Convenience Store	<input type="checkbox"/> State Government	<input type="checkbox"/> Contractor
<input type="checkbox"/> Petroleum Distributor	<input type="checkbox"/> Railroad	<input type="checkbox"/> Trucking/Transport
<input type="checkbox"/> Air Taxi (Airline)	<input type="checkbox"/> Federal - Non-Military	<input type="checkbox"/> Utilities
<input type="checkbox"/> Aircraft Owner	<input type="checkbox"/> Federal - Military	<input type="checkbox"/> Residential
<input type="checkbox"/> Auto Dealership	<input type="checkbox"/> Commercial	<input type="checkbox"/> Farm
<input type="checkbox"/> Local Government	<input type="checkbox"/> Industrial	<input type="checkbox"/> Other (Explain) _____

**VI. CONTACT PERSON IN CHARGE OF TANKS**

Name (Print)	Job Title	Mailing Address	Phone Number (Include Area Code)
Lynn Keffe	President	335 G. S. Centerville Pike Chesapeake VA 23322	757-482-2178

**VII. FINANCIAL RESPONSIBILITY**

I have met the financial responsibility requirements in accordance with VR680-13-03 utilizing the following method(s).

Mark All that Apply

<input type="checkbox"/> Self Insurance	<input type="checkbox"/> Guarantee	<input checked="" type="checkbox"/> Virginia Underground Petroleum Storage Tank Fund
<input type="checkbox"/> Commercial Insurance	<input type="checkbox"/> Surety Bond	<input type="checkbox"/> Trust Fund
<input type="checkbox"/> Risk Retention Group	<input type="checkbox"/> Letter of Credit	<input type="checkbox"/> Other Method Allowed (Specify) _____

**VIII. CERTIFICATION (Read and sign after completing all sections)**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. (To be signed by either the owner or the owner's authorized representative)

Name and official title of owner (Print) Crossroads Fuel Service Inc by M. Lynn Keffe - President	Signature <i>Lynn Keffe</i>	Date Signed 7-17-97
Name and official title of owner's authorized representative (Print)	Signature	Date Signed

**IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)**

Tank Identification Number	Tank No. <u>1</u>	Tank No. <u>2</u>	Tank No. <u>3</u>	Tank No. <u>4</u>	Tank No. _____
<b>1. Status of Tank</b> (Mark only one) <b>Currently in Use</b> Temporarily Out of Use (Remember to fill out section X.) Permanently Out of Use (Remember to fill out section X.) Amendment of Information	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. Date of Installation (mo./year)</b>	<u>4/26/76</u>	<u>4/26/76</u>	<u>4/26/76</u>	<u>4/26/76</u>	<u>4/26/76</u>
<b>3. Estimated Total Capacity (gallons)</b>	<u>6000</u>	<u>6000</u>	<u>6000</u>	<u>6000</u>	
<b>4. Tank Material of Construction</b> (Mark all that apply) Asphalt Coated or Bare Steel Cathodically Protected Steel Epoxy Coated Steel Composite (Steel with Fiberglass) Fiberglass Reinforced Plastic Lined Interior Double Walled Polyethylene Tank Jacket Concrete Excavation Liner Unknown Other (Please specify) Has tank been repaired?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5. Piping Material of Construction</b> (Mark all that apply) <b>Bare Steel</b> Galvanized Steel Fiberglass Reinforced Plastic Copper Cathodically Protected Double Walled Secondary Containment Unknown Other (Please specify) Has piping been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6. Piping (Type)</b> (Mark only one) Suction: no valve at tank Suction: valve at tank Pressure Gravity Fed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tank Identification Number      Tank No. 1      Tank No. 2      Tank No. 3      Tank No. 4      Tank No. \_\_\_\_\_

7. Substance Currently or Last Stored In Greatest Quantity by Volume	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Diesel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Gasohol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Kerosene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Heating Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Used Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Other (Please specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<hr/>						
Hazardous Substance CERCLA name and/or CAS Number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<hr/>						
Mixture of Substances Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**X. TANKS OUT OF USE, OR CHANGE IN SERVICE**

1. Closing of Tank	A. Estimated date last used (mo./day/year)	<input type="checkbox"/>					
	<hr/>						
	B. Estimate date tank closed (mo./day/year)	<input type="checkbox"/>					
	<hr/>						
	C. Tank was removed from ground	<input type="checkbox"/>					
	D. Tank was closed in ground	<input type="checkbox"/>					
E. Tank filled with inert material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<hr/>						
	<hr/>						
	<hr/>						
F. Change in service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<hr/>						
2. Closure Assessment Completed (Site Map and Soil Sampling Results must be submitted with this form.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<hr/>						
3. Evidence of a leak detected	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<hr/>						

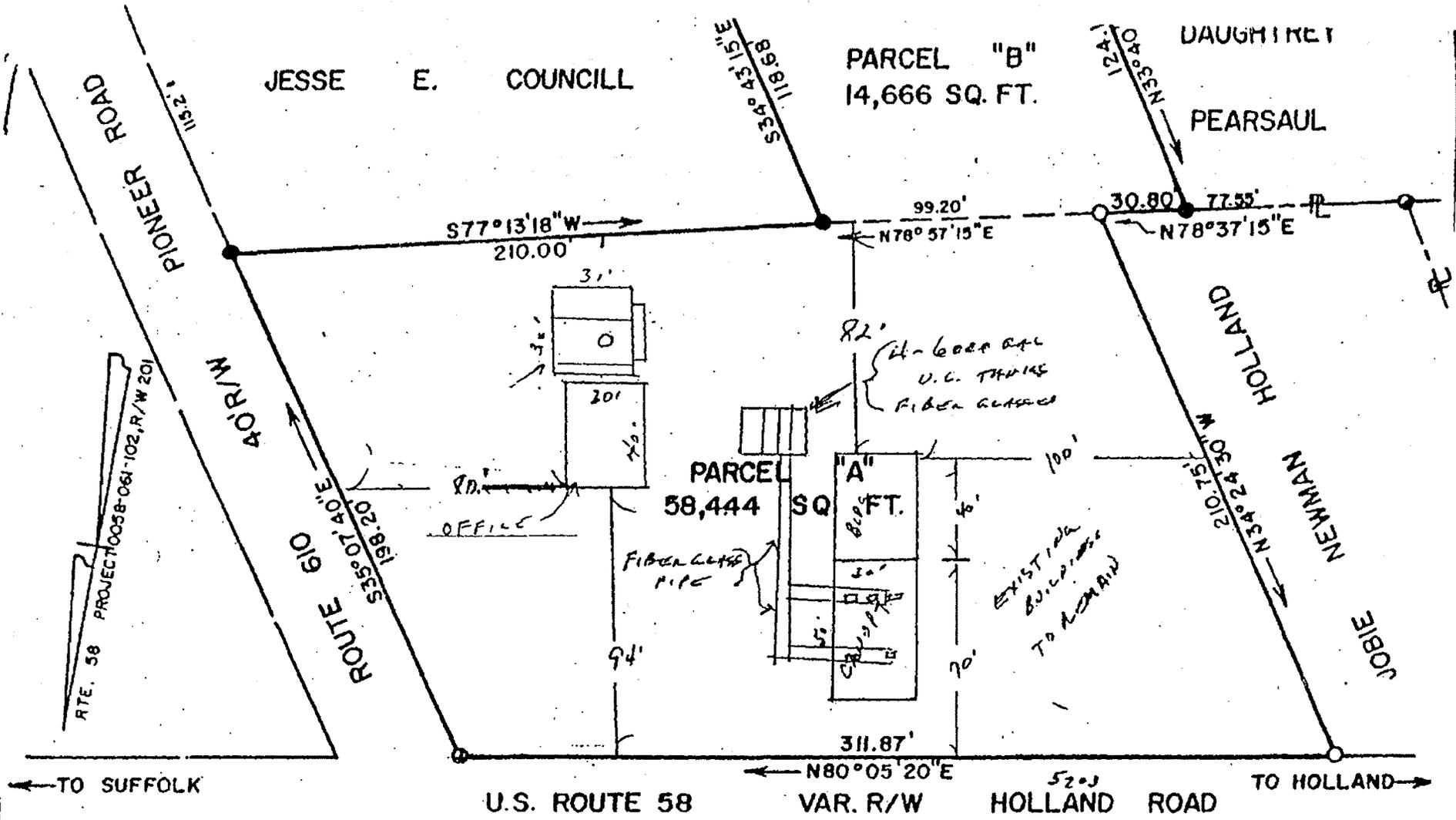
**XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)**

Tank Identification Number	Tank No. <u>1</u>	Tank No. <u>2</u>	Tank No. <u>3</u>	Tank No. <u>4</u>	Tank No. _____					
1. Installation * A. Installer certified by tank and piping manufacturers B. Installation inspected by a registered engineer C. Manufacturer's installation check-lists have been completed D. Obtained certificate of use issued by local permitting official E. Another method allowed by State Water Control Board. (Please specify)	<input type="checkbox"/>									
	<input type="checkbox"/>									
	<input type="checkbox"/>									
	<input type="checkbox"/>									
	<input type="checkbox"/>									
	<input type="checkbox"/>									
2. Release Detection (Mark all that apply) * A. Manual tank gauging B. Tank tightness testing C. Inventory controls D. Automatic gauging E. Vapor monitoring F. Groundwater monitoring G. Interstitial monitoring, double walled tank and/or piping H. Interstitial monitoring/secondary containment I. Automatic line leak detectors J. Line tightness testing K. Other method allowed by State Water Control Board. (Please specify)	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
	<input type="checkbox"/>	<input type="checkbox"/>								
	<input type="checkbox"/>	<input type="checkbox"/>								
	<input type="checkbox"/>	<input type="checkbox"/>								
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
	<input type="checkbox"/>	<input type="checkbox"/>								
	<input type="checkbox"/>	<input type="checkbox"/>								
	<input type="checkbox"/>	<input type="checkbox"/>								
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
	<input type="checkbox"/>	<input type="checkbox"/>								
	<input type="checkbox"/>	<input type="checkbox"/>								
3. Spill and Overfill Protection	A. Overfill device installed		<input checked="" type="checkbox"/>							
	B. Spill device installed		<input checked="" type="checkbox"/>							

\*  
 OATH: I certify the information concerning installation that is provided in section XI is true to the best of my belief and knowledge.

Installer: \_\_\_\_\_ Name \_\_\_\_\_ Signature \_\_\_\_\_ Date 7-17-97

\_\_\_\_\_ Position \_\_\_\_\_ Company Prosser de Fel Siver

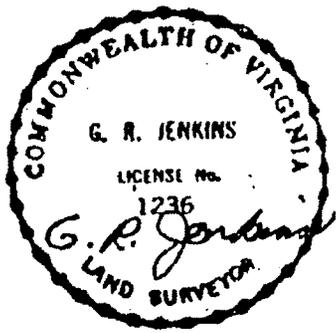


**SURVEY**

SHOWING PROPERTY OF  
**MARVIN REID, JR.**

HOLY NECK BOROUGH SUFFOLK, VIRGINIA  
SCALE 1" = 50' AUGUST 6, 1980

G. R. JENKINS  
LAND SURVEYOR NO. 1236  
SUFFOLK, VIRGINIA



I DO HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY SHOWN ON THIS PLAT.

DATE \_\_\_\_\_ OWNER \_\_\_\_\_  
STATE OF VIRGINIA,  
CITY OF \_\_\_\_\_ TO WIT:

I, \_\_\_\_\_, A NOTARY PUBLIC IN AND FOR THE CITY AND STATE AFORESAID DO HEREBY CERTIFY THAT THE ABOVE PERSON WHOSE NAME IS SIGNED TO THE FOREGOING WRITING HAS ACKNOWLEDGED THE SAME BEFORE ME IN MY CITY AND STATE AFORESAID.

GIVEN UNTO MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 19\_\_\_\_  
MY COMMISSION EXPIRES \_\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC

EPA 029

Installation No. A 461

# Warranty Agreement

## 10 Year

The Applicator warrants for ten years under normal use and service the lined steel storage tank, as described on page two, to remain free from internal corrosion due to defective workmanship in the application of the lining. For purposes of this warranty, normal use and service is deemed to be the storage of gasoline, gasohol (90% gasoline and 10% ethanol mixture), 90.5% gasoline and 9.5% oxinol - 50\* (4.75% methanol and 4.75% GTBA mixture), kerosine and diesel fuel at ambient underground temperatures.

Any defect in the lining application or material will be repaired by the Applicator provided the tank is made available and accessible. In the event of lining failure, the exclusive remedy shall be for the Applicator to repair the lining. If conditions are such that the tank cannot be repaired, this Warranty Agreement is terminated with no further obligations of the applicator or Armor Shield, Inc. to owner. There is no refund of purchase price, if tank cannot be repaired under the warranty period. There will be a charge for travel, labor, excavation, fuel transfer, permits, and testing for any warranty work. Any and all incidence, including damage to a lined tank, which alters the structure of the lining, releases the Applicator, and the supplier of the lining material, from any liability, direct or indirect, and nullifies this warranty. In no way is the structural integrity of the tank shell, welds, or repairs made to the tank in preparation of applying the lining warranted. Any and all remedies for contamination shall be the sole responsibility of the owner.

The liability of the Applicator is limited to the repair of the installed lining. The liability of the Applicator includes the replacement of the lining material. No liability is assumed by the Applicator or Armor Shield, Inc. for any consequential or incidental damages caused by the use of or failure of the lining. Owner agrees to hold harmless and indemnify the Applicator and Armor Shield, Inc. from any liability.

**THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This Warranty is null and void if not validated by Owner's signature. Statements made by sales representatives or contained in advertising material are not warranties and should not be construed as such. This warranty is Non-Transferable.**

The Applicator recommends that with any tank, regardless of age, a daily log of the tank's inventory be maintained. If any inventory shortage occurs, the tank should be drained and tested for leaks.

The undersigned Applicator certifies that said steel storage tank has been lined with Compatible Lining materials including quality control specifications, which include:

1. Surface Preparation - (white metal blast, 3 1/2 mil profile min.)
2. Surface To Be Lined - The relative humidity was 85% or less.
3. Lining Application - (125 mil nominal and 100 mil minimum thickness)
4. Final Inspection - (Holiday 12,500 volts - Barcol 935 hardness 80 minimum.)

Dated: February 28, 1990

Applicator: Allied Petroleum, Inc.

Address: P.O. Box 1503, Chesapeake, Virginia 23320

Authentication Witness

By: Doris Manuel

Owner's Validation Signature

By: \_\_\_\_\_  
Owner acknowledgement of this warranty agreement is hereby made.

**ARMOR SHIELD® INSTALLATION RECORD**

DATE COMPLETED 2/28/90 Job Name: Eagle Mart  
 Address 5703 Holland Rd., Suffolk, Va. Station Manager: \_\_\_\_\_  
 APPLYING COMPANY Armor Shield of Va.

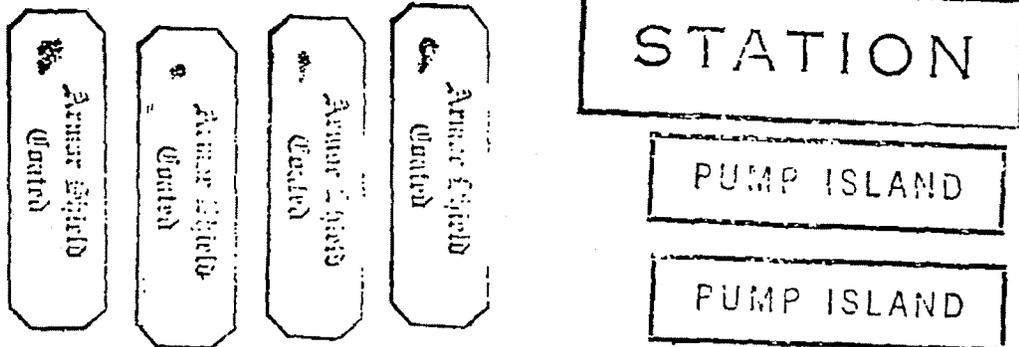
The Applicator wishes to enter into a warranty agreement with the owner in accordance with the terms and conditions as described on the preceding page. The Applicator certifies that said lining has been done with lining materials compatible with the material stored, to a minimum thickness of 100 mils and a nominal thickness of 125 mils. Further, the Applicator certifies that all applicable standards, codes, and regulations, NLPA 631, API 1631, 40 CFR 280.21 and 40 CFR 280.33 were followed, including a proper surface preparation as specified by the SSPC5 white metal blast standard. The Applicator further certifies that the application was thoroughly checked by means of a mil guage to assess the thickness of the lining, a barcol tester to assess hardness and a holiday tester to detect pinholes, bubbles and voids in the lining in order to assure compliance with the above standards, codes, and regulations. The Applicator warranty number indicated above is issued to the below named customer and Armor Shield, Inc. representing said authentication.

CORPORATE OFFICER'S SIGNATURE *Eagle Mart* President  
 Mail Warranty to:

CrossroadsFuel Service COMPANY  
341 S. Centerville Turnpike ADDRESS  
Chesapeake, Va. 23322 CITY, STATE and ZIP  
Mr. John Keffer ATTENTION (Name)

TANK #	SIZE	NAME OF SPRAY	GALLONS USED	NAME OF TROWEL	NAME OF BASE RESIN
1.	6,000	TL-300	40.8	AG-300	AB-310
2.	6,000	TL-300	40.8	AG-300	AB-310
3.	6,000	TL-300	40.8	AG-300	AB-310
4.	6,000	TL-300	40.8	AG-300	AB-310
5.					
6.					

SKETCH OF TANK LOCATIONS



Applicator: Mail to Armor Shield, Inc. for Authentication Signature

AMOUNT OF ARMOR SHIELD'S SPRAY MATERIAL TO BE USED WHEN COATING A TANK

<u>CAPACITY IN GALLONS</u>	<u>DIMENSION</u>	<u>SQ. FT.</u>	<u>GALLONS NEEDED</u>
150	30" X 48"	41.23	3.22
200	36" X 48"	51.83	4.05
275	29" X 95"	69.28	5.41
280	42" X 48"	63.22	4.94
300	38" X 60"	65.49	5.12
345	46" X 48"	71.24	5.57
560	42" X 8'	107.20	8.37
560	48" X 6'	100.54	7.85
860	48" X 9'	138.24	10.80
1,000	48" X 10'8"	159.17	12.44
1,000	64" X 6'	145.21	11.34
1,500	64" X 9'	195.47	15.27
2,000	64" X 12'	245.74	19.20
2,500	64" X 15'	296.01	23.13
3,000	64" X 18'	346.27	27.05
3,000	72" X 14'	320.44	25.03
4,000	64" X 24'	446.80	34.91
4,000	72" X 19'	414.70	32.40
4,000	84" X 14'	384.85	30.07
4,000	96" X 11'	452.38	35.34
5,000	96" X 13'6"	439.82	34.36
5,000	72" X 23'8"	502.66	39.27
6,000	96" X 16'	502.65	39.27
6,000	72" X 29'1"	604.77	47.25
8,000	96" X 21'6"	640.88	50.07
8,000	120" X 14"	596.91	46.63
10,000	96" X 27'	779.11	60.87
10,000	126" X 15'9"	692.72	54.12
12,000	96" X 31'11"	902.67	70.52
12,000	126" X 18'7"	786.18	61.42
15,000	126" X 23'2"	937.37	73.23
20,000	126" X 31"	1,195.76	93.42

Notification for Underground Storage Tanks

STATE USE ONLY

State Agency Name and Address

DEQ-Water Division-UST Program

P O Box 10007  
Richmond, VA 23240-0007

ID NUMBER 5-008436

DATE RECEIVED

TYPE OF NOTIFICATION

A. NEW FACILITY  B. AMENDED  C. CLOSURE

No. of tanks at facility No. of continuation sheets attached

INSTRUCTIONS

Please type or print in ink all items except "signature" in section VIII. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy pages 3, 4 and 5, and staple continuation sheets to the form.

- A. NEW
B. AMENDED
C. ENTERED INTO UST-DMS
D. Comments:

GENERAL INFORMATION

Notification is required by Virginia law for all underground storage tanks that have been used to store regulated substances and were in the ground as of May 8, 1986...

The primary purpose of this notification program is to locate and evaluate underground storage tanks that store or have stored petroleum or hazardous substances...

Who Must Notify?

A Virginia State Water Control Law Article 9 § 62.1-44.34.96 & 7, requires that unless exempted, owners of underground storage tanks that store regulated substances must notify the State Water Control Board...

1) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use or dispensing of regulated substances, and

2) in the case of any underground storage tank in use before November 8, 1984, but no longer in use after that date, any person who owned such tank immediately before the discontinuation of its use, and

B Owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground.

What UST's Must Be Notified? Underground storage tank or "UST" means any one or combination of tanks (including underground pipes connected thereto) that is used to contain an accumulation of regulated substances...

What UST's Are Excluded From Notification Requirements?

1. Farm or residential tank of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;

2. Tank used for storing heating oil for consumption on the premises where stored.

3. Septic tank;

4. Pipeline facility (including gathering lines) regulated under:

- a. The Natural Gas Pipeline Safety Act of 1968 (49 U.S.C. App. 1671, et seq.), or
b. The Hazardous Liquid Pipeline Safety Act of 1979 (49 U.S.C. App. 2001, et seq.), or
c. Which is an intrastate pipeline facility regulated under state laws comparable to the provisions of the law referred to in subdivisions 4 a or 4 b of this definition.

5. Surface impoundment, pit, pond, or lagoon;

6. Storm water or wastewater collection system;

7. Flow-through process tank;

8. Liquid trap or associated gathering lines directly related to oil or gas production and gathering operations, or

9. Storage tank situated in an underground area (such as a basement, cellar, mine-working, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

The Following Need Not Notify, But May Be Regulated.

10. Wastewater treatment tank systems;

11. Any UST systems containing radioactive material that are regulated under the Atomic Energy Act of 1954 (42 U.S.C. 2011 and following).

12. Any UST system that is part of an emergency generator system at nuclear power generation facilities regulated by the Nuclear Regulatory Commission under 10 CFR Part 50, Appendix A.

13. Airport hydrant fuel distribution systems; and

14. UST systems with field-constructed tanks

What Substances Are Covered? "Regulated substance" means an element, compound, mixture, solution, or substance that, when released into the environment, may present substantial danger to the public health or welfare, or the environment. The term "regulated substance" includes:

1. Any substance defined in § 101(14) of the Comprehensive Environmental Response Compensation, and Liability Act (CERCLA) of 1980, but not any substance regulated as a hazardous waste under subtitle C of the Resource Conservation and Recovery Act (RCRA) of 1976; and

2. Petroleum, including crude oil or any fraction thereof, that is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute). The term "regulated substance" includes but is not limited to petroleum and petroleum-based substances comprised of a complex blend of hydrocarbons derived from crude oil through processes of separation, conversion, upgrading, and finishing, such as motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, and used oils.

When to Notify?

A. Any owner who brings an underground storage tank system into use must within 30 days of bringing such tank into use, submit a notice of existence of such tank system to the board. Any change in: ownership; tank status (e.g., temporarily / permanently closed out); tank/piping systems (e.g., upgrades such as addition of corrosion protection, internal lining, release detection); substance stored (e.g., change from petroleum to hazardous substance) requires the UST owner to submit an amended notification form within 30 days after such change/upgrade occurs or is brought into use.

Under Virginia UST notification requirements effective July 1, 1987, owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground, must notify the board on the notification form.

Notices required to be submitted must provide all of the information in Sections I through IX of this form (Section X as required) for each tank for which notice must be given. Notices for tanks installed after December 22, 1988, must also provide all of the information in Section XI of this form for each tank for which notice must be given.

B. All owners and operators of new UST systems must certify in the notification form compliance with the following requirements of Virginia Regulation 9 VAC 25-560-10, et seq.

- 1. Installation of tanks and piping under subsection E of § 2.1;
2. Cathodic protection of steel tanks and piping under subsections A and B of § 2.1;
3. Release detection under §§ 4.2, and 4.3.

4. Financial responsibility under Virginia Regulation 9 VAC 25-520-10, et seq.

C. All owners and operators of new UST systems must ensure that the installer certifies in the notification form that the methods used to install the tanks and piping comply with the requirements in subsection D of § 2.1 of 9 VAC 25-560-10, et seq.

D. Beginning October 24, 1980, any person who sells a tank intended to be used as an underground storage tank must notify the purchaser of such tank of the owner's notification obligations under subsection A of this section. The statement provided in Appendix II of VR 600-13 02 may be used to comply with this requirement.

I. OWNERSHIP OF TANK(S)

II. LOCATION OF TANK(S)

Crossroads Fuel Service Inc
Owner Name (Corporation, Individual, Public Agency, or Other Entity)
335 G. S. Penterville Pike
Street Address

Chesapeake Va 23322
City State ZIP Code

757-482-2179
Phone Number (include Area Code)

If known, give the geographic location of tank(s) by degrees, minutes, and seconds. Example: Lat. 42° 36' 12" Long. 85° 24' 17" W

Latitude Longitude

(If same as Section I, mark box here) [ ]

Crossroads - Suffolk
Facility or Company Site Identifier, as applicable
5703 Holland Rd
Street Address (if O for not acceptable)

Suffolk Va 23437
City State ZIP Code

County Municipality

**III. TYPE OF OWNER**      **IV. INDIAN LANDS**

- Federal Government       Commercial  
 State Government       Private  
 Local Government

Tanks are located on land within an Indian Reservation or on other trust lands.  
 Tanks are owned by Native American nation, tribe, or individual.

Tribe or Nation:  
\_\_\_\_\_

**V. TYPE OF FACILITY**

Select the Appropriate Facility Description:

- |   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Gas Station/Convenience Store | <input type="checkbox"/> State Government       | <input type="checkbox"/> Contractor            |
| <input type="checkbox"/> Petroleum Distributor                    | <input type="checkbox"/> Railroad               | <input type="checkbox"/> Trucking/Transport    |
| <input type="checkbox"/> Air Taxi (Airline)                       | <input type="checkbox"/> Federal - Non-Military | <input type="checkbox"/> Utilities             |
| <input type="checkbox"/> Aircraft Owner                           | <input type="checkbox"/> Federal - Military     | <input type="checkbox"/> Residential           |
| <input type="checkbox"/> Auto Dealership                          | <input type="checkbox"/> Commercial             | <input type="checkbox"/> Farm                  |
| <input type="checkbox"/> Local Government                         | <input type="checkbox"/> Industrial             | <input type="checkbox"/> Other (Explain) _____ |

**VI. CONTACT PERSON IN CHARGE OF TANKS**

Name (Print)	Job Title	Mailing Address	Phone Number (Include Area Code)
Lynn Keffer	President	335 G. S. Centerville Pkce Chesapeake Va 23322	757-482-2179

**VII. FINANCIAL RESPONSIBILITY**

I have met the financial responsibility requirements in accordance with VR680-13-03 utilizing the following method(s).

Mark All that Apply

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Self Insurance       | <input type="checkbox"/> Guarantee        | <input checked="" type="checkbox"/> Virginia Underground Petroleum Storage Tank Fund |
| <input type="checkbox"/> Commercial Insurance | <input type="checkbox"/> Surety Bond      | <input type="checkbox"/> Trust Fund  |
| <input type="checkbox"/> Risk Retention Group | <input type="checkbox"/> Letter of Credit | <input type="checkbox"/> Other Method Allowed (Specify) _____                        |

**VIII. CERTIFICATION (Read and sign after completing all sections)**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. (To be signed by either the owner or the owner's authorized representative)

Name and official title of owner (Print) Crossroads Fuel Service Inc by Lynn Keffer - President	Signature 	Date Signed 5-11-00
Name and official title of owner's authorized representative (Print)	Signature	Date Signed

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. <u>A</u>	Tank No. <u>B</u>	Tank No. <u>C</u>	Tank No. <u>D</u>	Tank No. _____
1. Status of Tank (Mark only one)					
Currently in Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temporarily Out of Use (Remember to fill out section X.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Permanently Out of Use (Remember to fill out section X.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Amendment of Information	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Date of Installation (mo./year)					
3. Estimated Total Capacity (gallons)					
4. Tank Material of Construction (Mark all that apply)					
Asphalt Coated or Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cathodically Protected Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Epoxy Coated Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Composite (Steel with Fiberglass)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Fiberglass</i> Lined Interior	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Polyethylene Tank Jacket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Excavation Liner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (Please specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has tank been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Piping Material of Construction (Mark all that apply)					
Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Galvanized Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fiberglass Reinforced Plastic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Copper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cathodically Protected	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (Please specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has piping been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Piping (Type) (Mark only one)					
Suction: no valve at tank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Suction: valve at tank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gravity Fed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tank Identification Number	Tank No. <u>A</u>	Tank No. <u>B</u>	Tank No. <u>C</u>	Tank No. <u>D</u>	Tank No. _____
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Diesel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gasohol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kerosene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heating Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Used Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (Please specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazardous Substance CERCLA name and/or CAS Number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mixture of Substances Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>X TANKS OUT OF USE OR CHANGE IN SERVICE</b>					
1. Closing of Tank					
A. Estimated date last used (mo./day/year)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
B. Estimate date tank closed (mo./day/year)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
C. Tank was removed from ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Tank was closed in ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. Tank filled with inert material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Describe	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
F. Change in service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Closure Assessment Completed (Site Map and Soil Sampling Results must be submitted with this form.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Evidence of a leak detected	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)**

Tank Identification Number	Tank No. <u>A</u>	Tank No. <u>B</u>	Tank No. <u>C</u>	Tank No. <u>D</u>	Tank No. _____
Installation					
A. Installer certified by tank and piping manufacturers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Installation inspected by a registered engineer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Manufacturer's installation check-lists have been completed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D. Obtained certificate of use issued by local permitting official	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. Another method allowed by State Water Control Board. (Please specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

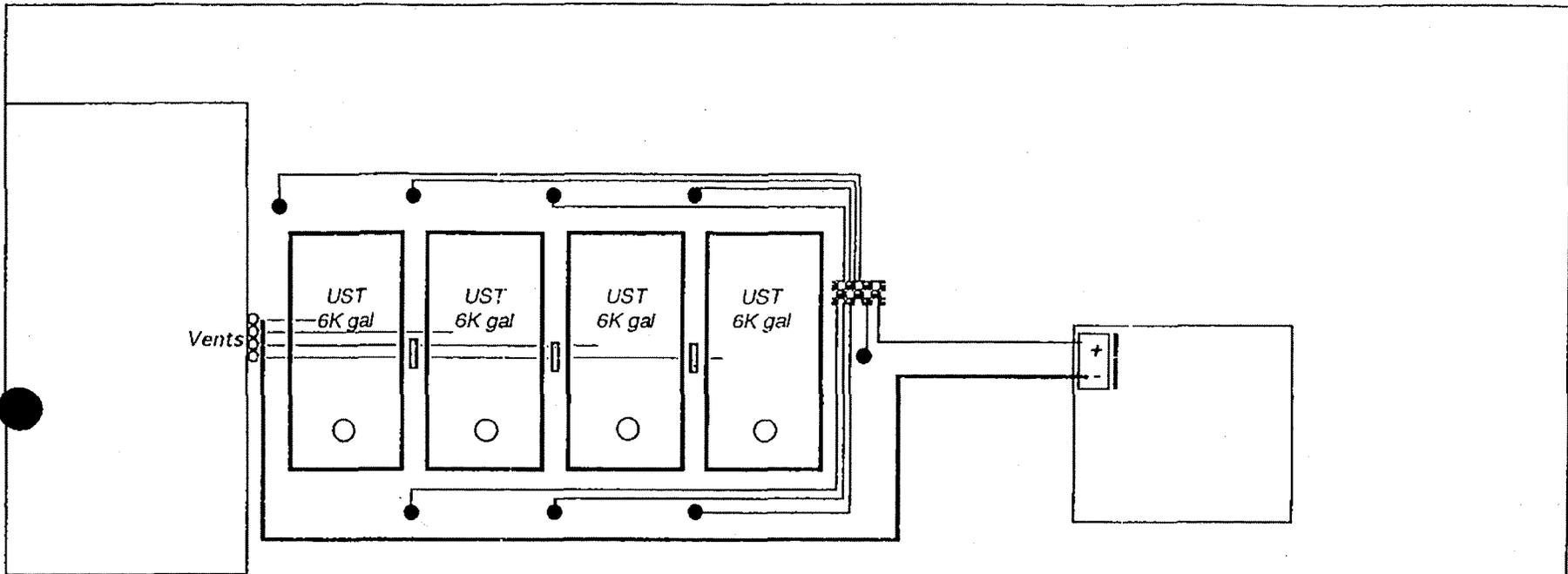
2. Release Detection (Mark all that apply)	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
A. Manual tank gauging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
B. Tank tightness testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
C. Inventory controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
D. Automatic gauging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
E. Vapor monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
F. Groundwater monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
G. Interstitial monitoring, double walled tank and/or piping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
H. Interstitial monitoring/secondary containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
I. Automatic line leak detectors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
J. Line tightness testing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
K. Other method allowed by State Water Control Board. (Please specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							

3. Spill and Overfill Protection					
A. Overfill device installed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B. Spill device installed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

OATH: I certify the information concerning installation that is provided in section XI is true to the best of my belief and knowledge.

Installer: Harry T Baldwin  
 Name  
Senior Project Manager  
 Position

Harry T Baldwin  
 Signature  
Horizon Technologies, Inc.  
 Company  
4/20/00  
 Date



**SUGGESTED TEST STATION**

INSTALL ANODES IN ACCORDANCE WITH ILFC SPEC. 101  
 INSTALL TEST STATIONS IN ACCORDANCE WITH ILFC SPEC. 103

\* Rectifier size and voltage requirements are calculated based on soil resistivity data provided from the field. **ILFC** recommend setting the voltage at about 4v then measure half-cell, and as required increase the voltage.

**MATERIAL LIST :**

- 8 - 1.5"X60" cast iron anodes with 125' of #8 lead wire in 4"X84" cannister w/coke breeze.
- 3 - Test station.
- 300' # 8 HMWPE cable
- 1 - 40 - 6A Rectifier W/J-Box

Soil Resistivity = 32,640 Ohms-cm

EPA 038

NACE Certified Corrosion Specialist #973

*Charles C. Nathan*

Dr Charles C, Nathan . PE

*4/17/00*

SITE:

Crossroad Amoco  
 5701 Holland Rd  
 Suffolk, VA

CLIENT

Horizon Technologies, Inc.  
 P.O. Box 15004,  
 Lynchburg, VA 24502

Drawn by: R.K.

Date: 4-17-00

Drawing No. CRSS Amco Rev.

**CROSSROADS FUEL SERVICE, INC**

335-G S CENTERVILLE TURNPIKE  
CHESAPEAKE VIRGINIA 23322  
PHONE 482-2179

*May 22, 2001*

*DEQ-Water Division-UST Program  
P O Box 10009  
Richmond, VA 23240-0009*

*Dear Sirs*

*Enclosed you will find a copy of the tank registration forms for tanks owned by Crossroads Fuel Service, Inc at 5703 Holland Road, Suffolk, Virginia We sold the property and all of equipment to 5703 Holland Road Realty Corporation on April 1 2001 I have also included a copy of the Closing Statement and Bill of Sale for the equipment I have given the address to the new owners and explained how they are to re-register the tanks*

*Sincerely,*



*Lynn Kleffer  
President*

*LK gfg*

*enclosures*

**CX 9**

**EPA 039**

# Commonwealth of Virginia



## STATE CORPORATION COMMISSION

*Richmond, March 7, 2001*

*This is to Certify that the certificate of incorporation of*

**5703 HOLLAND ROAD REALTY CORP.**

*was this day issued and admitted to record in this office and that the said corporation is authorized to transact its business subject to all Virginia laws applicable to the corporation and its business.*

*Effective date. March 7, 2001*

*State Corporation Commission  
Attest.*



*Joel H. Beck*  
Clerk of the Commission

CIS0436

P 01

516 536 9299

MAR-14-01 06 48P ACCOUNTING OFFICE

EPA 040



III. TYPE OF OWNER

- Federal Government
- State Government
- Local Government
- Commercial
- Private

IV. INDIAN LANDS

- Tanks are located on land within an Indian Reservation or on other trust lands.
- Tanks are owned by Native American nation, tribe, or individual.

Tribe or Nation:  
\_\_\_\_\_

V. TYPE OF FACILITY

Select the Appropriate Facility Description:

- Gas Station/Convenience Store
- Petroleum Distributor
- Air Taxi (Airline)
- Aircraft Owner
- Auto Dealership
- Local Government
- State Government
- Railroad
- Federal - Non-Military
- Federal - Military
- Commercial
- Industrial
- Contractor
- Trucking/Transport
- Utilities
- Residential
- Farm
- Other (Explain) \_\_\_\_\_

VI. CONTACT PERSON IN CHARGE OF TANKS

Name (Print)	Job Title	Mailing Address	Phone Number (Include Area Code)
Lynn Keffer	President	335 G. S. Centerville Pike Chesapeake Va 23322	757-432-2179

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with VR680-13-03 utilizing the following method(s).

Mark All that Apply

- Self Insurance
- Commercial Insurance
- Risk Retention Group
- Guaranteq
- Surety Bond
- Letter of Credit
- Virginia Underground Petroleum Storage Tank Fund
- Trust Fund
- Other Method Allowed (Specify) \_\_\_\_\_

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. (To be signed by either the owner or the owner's authorized representative)

Name and official title of owner (Print) Crossroads Fuel Service Inc by Lynn Keffer - President	Signature <i>Lynn Keffer</i>	Date Signed 5-11-90
Name and official title of owner's authorized representative (Print)	Signature	Date Signed

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. <u>A</u>	Tank No. <u>B</u>	Tank No. <u>C</u>	Tank No. <u>D</u>	Tank No. _____
1. Status of Tank (Mark only one)      Currently in Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temporarily Out of Use (Remember to fill out section X.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Permanently Out of Use (Remember to fill out section X.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Amendment of Information	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Date of Installation (mo./year)					
3. Estimated Total Capacity (gallons)					
4. Tank Material of Construction (Mark all that apply)					
Asphalt Coated or Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cathodically Protected Steel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Epoxy Coated Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Composite (Steel with Fiberglass)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Fiberglass</i> Lined Interior	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Polyethylene Tank Jacket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Excavation Liner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (Please specify)					
Has tank been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Piping Material of Construction (Mark all that apply)					
Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Galvanized Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fiberglass Reinforced Plastic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Copper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cathodically Protected	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (Please specify)					
Has piping been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Piping (Type) (Mark only one)					
Suction: no valve at tank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Suction: valve at tank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gravity Fed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tank Identification Number Tank No. A Tank No. B Tank No. C Tank No.      Tank No.     

7. Substance Currently or Last Stored In Greatest Quantity by Volume	Gasoline	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Diesel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Gasohol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Kerosene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Heating Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Used Oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Other (Please specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Hazardous Substance CERCLA name and/or CAS Number	<input type="checkbox"/>				
	<input type="checkbox"/>				

Mixture of Substances Please specify	<input type="checkbox"/>				
	<input type="checkbox"/>				

**X TANKS OUT OF USE OR CHANGE IN SERVICE**

1. Closing of Tank	A. Estimated date last used (mo./day/year)	<input type="checkbox"/>				
	B. Estimate date tank closed (mo./day/year)	<input type="checkbox"/>				
	C. Tank was removed from ground	<input type="checkbox"/>				
	D. Tank was closed in ground	<input type="checkbox"/>				
	E. Tank filled with inert material	<input type="checkbox"/>				
	Describe	<input type="checkbox"/>				
F. Change in service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

2. Closure Assessment Completed (Site Map and Soil Sampling Results must be submitted with this form.)	<input type="checkbox"/>				
--	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

3. Evidence of a leak detected	<input type="checkbox"/>				
--------------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------



A. SETTLEMENT STATEMENT

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

OMB NO. 2502-0265



1. TYPE OF LOAN <input type="checkbox"/> FHA 2. <input type="checkbox"/> FmHA 3. <input type="checkbox"/> Conv. Unis. <input type="checkbox"/> VA 5. <input type="checkbox"/> Conv. Ins.		6. FILE NUMBER HOLLAND	7. LOAN NUMBER	8. MORTGAGE INS CASE NUMBER
C. NOTE: This form is furnished to give you a statement of actual settlement costs. Amounts paid to and by the settlement agent are shown. Items marked "[POC]" were paid outside the closing; they are shown here for informational purposes and are not included in the totals. 5.0 10-96 (8/HOLLAND)				
D. NAME AND ADDRESS OF BORROWER 5703 Holland Road Realty Corp.		E. NAME AND ADDRESS OF SELLER Crossroads Properties, Inc.		F. NAME AND ADDRESS OF LENDER
G. PROPERTY LOCATION 5701 & 5703 Holland Road Suffolk, VA 23434		H. SETTLEMENT AGENT Kevin L. Hubbard and Associates  PLACE OF SETTLEMENT 505B Cedar Road Chesapeake, VA 23322		I. SETTLEMENT DATE April 1, 2001
J. SUMMARY OF BORROWER'S TRANSACTION			K. SUMMARY OF SELLER'S TRANSACTION	
100. GROSS AMOUNT DUE FROM BORROWER			400. GROSS AMOUNT DUE TO SELLER	
101. Contract Sales Price 190,000.00			401. Contract Sales Price 190,000.00	
102. Personal Property			402. Personal Property	
103. Settlement Charges to Borrower line 1400 2,772.00			403.	
104.			404.	
105.			405.	
Adjustments for items paid by Seller in advance			Adjustments for items paid by Seller in advance	
106. City/town Taxes to			406. City/town Taxes to	
107. County Taxes to			407. County Taxes to	
108. Assessments to			408. Assessments to	
109.			409.	
110.			410.	
111.			411.	
112.			412.	
120. GROSS AMOUNT DUE FROM BORROWER 192,772.00			420. GROSS AMOUNT DUE TO SELLER 190,000.00	
200. AMOUNTS PAID BY OR IN BEHALF OF BORROWER			500. REDUCTIONS IN AMOUNT DUE TO SELLER	
201. Deposit or earnest money 90,000.00			501. Excess Deposit (see instructions)	
202. Principal Amount of New Loan(s)			502. Settlement Charges to Seller line 1400 456.00	
203. Existing Loan(s) Taken Subject to			503. Existing Loans Taken Subject to	
204.			504. Payoff of first mortgage loan	
205.			505. Payoff of second mortgage loan	
206.			506. Deposit retained by seller 90,000.00	
207.			507.	
208. Seller Held Note 100,000.00			508. Seller Held Note 100,000.00	
209. Closing Cost Pd By Seller			509. Closing Cost Pd By Seller	
Adjustments for items unpaid by Seller			Adjustments for items unpaid by Seller	
210. City/town Taxes 01-01-01 to 04-01-01 372.59			510. City/town Taxes 01-01-01 to 04-01-01 372.59	
211. County Taxes to			511. County Taxes to	
212. Assessments to			512. Assessments to	
213.			513.	
214.			514.	
215.			515.	
216.			516.	
217.			517.	
218.			518.	
219.			519.	
220. TOTAL PAID BY/FOR BORROWER 190,372.59			520. TOTAL REDUCTION AMOUNT DUE SELLER 190,828.59	
300. CASH AT SETTLEMENT FROM/TO BORROWER			600. CASH AT SETTLEMENT TO/FROM SELLER	
301. Gross Amt Due from Borrower (line 120) 192,772.00			601. Gross Amount Due to Seller (line 420) 190,000.00	
302. Less Amt Paid by/for Borrower (line 220) ( 190,372.59)			602. Less Reductions Due Seller (line 520) ( 190,828.59)	
303. CASH [X] FROM [ ] TO BORROWER 2,399.41			603. CASH [ ] TO [X] FROM SELLER 828.59	

The undersigned hereby acknowledge receipt of a completed copy of pages 1&2 of this statement & any attachments referred to herein.

BORROWER 5703 Holland Road Realty Corp.

SELLER Crossroads Properties, Inc.

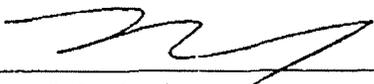
BORROWER BY: Adrian Kinsciple

SELLER BY: \_\_\_\_\_

L. SETTLEMENT CHARGES			PAID FROM BORROWER'S FUNDS AT SETTLEMENT	PAID FROM SELLER'S FUNDS AT SETTLEMENT
700. Total Sales/Brokers Commissions Based on Price \$				
Division of Commission (Line 700) as follows:				
\$	to			
\$	to			
703. Commission Paid at Settlement				
704.				
800. ITEMS PAYABLE IN CONNECTION WITH LOAN				
801. Loan Origination Fee	% to			
802. Loan Discount	% to			
803. Appraisal Fee	to			
804. Credit Report	to			
805. Lender's Inspection Fee	to			
806. Mortgage Ins. App. Fee	to			
807. Assumption Fee	to			
808.				
809.				
810.				
811.				
900. ITEMS REQUIRED BY LENDER TO BE PAID IN ADVANCE				
901. Interest from	to @ \$ /day( days %)			
902. Mortgage Insurance Premium for	months to			
903. Hazard Insurance Premium for	1.0 years to			
904. Flood Ins. Premium	1 years to			
905. Real Estate Taxes				
1000. RESERVES DEPOSITED WITH LENDER				
1001. Hazard Insurance	months @ \$ per month			
1002. Mortgage Insurance	months @ \$ per month			
1003. City/Town Taxes	months @ \$ per month			
1004. County Taxes	months @ \$ per month			
1005. Assessments	months @ \$ per month			
1006. Flood Ins. Premium	months @ \$ per month			
1007.				
1008.				
1100. TITLE CHARGES				
1101. Settlement or Closing Fee	to Kevin L. Hubbard and Associates		1,000.00	100.00
1102. Abstract or Title Search	to			
1103. Title Examination	to			
1104. Title Insurance Binder	to			
1105. Document Preparation	to Kevin L. Hubbard and Associates		250.00	75.00
1106. Release Fees	to			
1107. Attorney's Fees	to			
(includes above item numbers: )				
1108. Title Insurance	to Title Associates of Tidewater, Inc.		1,013.00	
(includes above item numbers: )				
1109. Lender's Coverage	\$ 100,000.00	317.00		
1110. Owner's Coverage	\$ 190,000.00	382.00		
1111.				
1112. Release/Verification of Rel	to Kevin L. Hubbard and Associates			91.00
1113.				
1200. GOVERNMENT RECORDING AND TRANSFER CHARGES				
1201. Recording Fees: Deed \$ 17.00 ;Mortgage \$ 17.00 ;Releases \$			34.00	
1202. City/County Tax/Stamps: Deed \$ 95.00 ;Mortgage \$			95.00	
1203. State Tax/Stamps: Deed \$ 285.00 ;Mortgage \$			285.00	
1204. Grantor Tax	to Clerk of Circuit Court			190.00
1205. Recordation of UCC	to State Corporation Commission		20.00	
1300. ADDITIONAL SETTLEMENT CHARGES				
1301. Survey	to Midgette & Associates	poc		
1302. Pest Inspection	to			
1303. Storm Water Fees				
1304. Overnight/Courier Fees	to Kevin L. Hubbard and Associate		75.00	
1305.				
1400. TOTAL SETTLEMENT CHARGES (Enter On Lines 103, Section J and 502, Section K)			2,772.00	456.00

By signing page 1 of this statement, the signatories acknowledge receipt of a completed copy of page 2 of this 2 page statement.

(HOLLAND)  
Indicates Closing Cost Pd by Seller

  
Kevin L. Hubbard and Associates  
Settlement Agent

**BILL OF SALE**

In and for consideration of the sum of Ten Thousand and 00/100 (\$10,000.00) Dollars, Crossroads Properties, Inc., does hereby sell, assigns and transfer to 5703 Holland Road Realty Corp., the following described property:

Crossroads Properties, Inc.'s equipment as listed on Exhibit "A", attached hereto.

This Bill of Sale is entered into this 1st. day of April, 2001 in the City of Suffolk, Virginia

CROSSROADS PROPERTIES, INC.

by: H. Lynn Keffer  
H. Lynn Keffer, President

EXHIBIT "A"

1. TWO (2) MPD'S
2. ONE (1) CANOPY
3. ONE (1) TLS 350 TANK MONITOR
4. FOUR (4) 6,000 GALLON TANKS
5. THREE (3) SUBMERGED PUMPS
6. TWO (2) 550 ABOVE GROUND TANK AND SUCTION (DUAL) PUMPS
7. PRICE SIGNS

<b>Notification for Underground Storage Tanks</b>		<b>STATE USE ONLY</b>	
State Agency Name and Address <b>DEQ-Water Division-UST Program</b>		P.O. Box 10009 Richmond, VA 23240-0009	
TYPE OF NOTIFICATION		ID NUMBER	
<input type="checkbox"/> A. NEW FACILITY <input checked="" type="checkbox"/> B. AMENDED <input type="checkbox"/> C. CLOSURE		DATE RECEIVED	
____ No. of tanks at facility    ____ No. of continuation sheets attached		A. NEW _____	
INSTRUCTIONS		B. AMENDED _____	
Please type or print in ink all items except "signature" in section VIII. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy pages 3, 4 and 5, and staple continuation sheets to the form.		C. ENTERED INTO UST-DMS _____	
		D. Comments: _____	

**GENERAL INFORMATION**

Notification is required by Virginia law for all underground storage tanks that have been used to store regulated substances and were in the ground as of May 8, 1988, or that are brought into use after May 8, 1988. The information requested is required by §62.1-44.34:9.6 & 7 of the Virginia State Water Control Law, Article 9.

The primary purpose of this notification program is to locate and evaluate underground storage tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonable available records, or in the absence of such records, your knowledge, belief, or recollection.

**Who Must Notify?**

A. Virginia State Water Control Law Article 9 § 62.1-44.34:9.6 & 7, requires that unless exempted, owners of underground storage tanks that store regulated substances must notify the State Water Control Board of the existence of their tanks. Owner means:

1) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use or dispensing of regulated substances, and

2) in the case of any underground storage tank in use before November 8, 1984; but no longer in use after that date, any person who owned such tank immediately before the discontinuation of its use, and

B. Owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground.

What UST's Must Be Notified? Underground storage tank or "UST" means any one or combination of tanks (including underground pipes connected thereto) that is used to contain an accumulation of regulated substances, and the volume of which (including the volume of underground pipes connected thereto) is 10% or more beneath the surface of the ground.

**What UST's Are Excluded From Notification Requirements?**

1. Farm or residential tank of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;

2. Tank used for storing heating oil for consumption on the premises where stored.

3. Septic tank;

4. Pipeline facility (including gathering lines) regulated under:

- a. The Natural Gas Pipeline Safety Act of 1968 (49 U.S.C. App. 1671, et seq.), or
- b. The Hazardous Liquid Pipeline Safety Act of 1979 (49 U.S.C. App. 2001, et seq.), or
- c. Which is an intrastate pipeline facility regulated under state laws comparable to the provisions of the law referred to in subdivisions 4.a or 4.b of this definition;

5. Surface impoundment, pit, pond, or lagoon;

6. Storm-water or wastewater collection system;

7. Flow-through process tank;

8. Liquid trap or associated gathering lines directly related to oil or gas production and gathering operations; or

9. Storage tank situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

**The Following Need Not Notify, But May Be Regulated.**

10. Wastewater treatment tank systems;

11. Any UST systems containing radioactive material that are regulated under the Atomic Energy Act of 1954 (42 USC 2011) and following);

12. Any UST system that is part of an emergency generator system at nuclear power generation facilities regulated by the Nuclear Regulatory Commission under 10 CFR Part 50, Appendix A;

- 13. Airport hydrant fuel distribution systems; and
- 14. UST systems with field-constructed tanks

What Substances Are Covered? "Regulated substance" means an element, compound, mixture, solution, or substance that, when released into the environment, may present substantial danger to the public health or welfare, or the environment. The term "regulated substance" includes:

1. Any substance defined in § 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, but not any substance regulated as a hazardous waste under subtitle C of the Resource Conservation and Recovery Act (RCRA) of 1976; and

2. Petroleum, including crude oil or any fraction thereof, that is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute). The term "regulated substance" includes but is not limited to petroleum and petroleum-based substances comprised of a complex blend of hydrocarbons derived from crude oil through processes of separation, conversion, upgrading, and finishing, such as motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, and used oils.

**When to Notify?**

A. Any owner who brings an underground storage tank system into use must within 30 days of bringing such tank into use, submit a notice of existence of such tank system to the board. Any change in: ownership; tank status (e.g., temporarily / permanently closed out); tank/piping systems (e.g., upgrades such as addition of corrosion protection, internal lining, release detection); substance stored (e.g., change from petroleum to hazardous substance) requires the UST owner to submit an amended notification form within 30 days after such change/upgrade occurs or is brought into use. Owners may provide notice for several tanks using one notification form, but owners with tanks located at more than one place of operation must file a separate notification form for each separate place of operation.

Under Virginia UST notification requirements effective July 1, 1987, owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground, must notify the board on the notification form.

Notices required to be submitted must provide all of the information in Sections I through IX of this form (Section X as required) for each tank for which notice must be given. Notices for tanks installed after December 22, 1986, must also provide all of the information in Section XI of this form for each tank for which notice must be given.

B. All owners and operators of new UST systems must certify in the notification form compliance with the following requirements of Virginia Regulation 9 VAC 25-590-10, et seq:

- 1. Installation of tanks and piping under subsection E of § 2.1;
- 2. Cathodic protection of steel tanks and piping under subsections A and B of § 2.1;
- 3. Release detection under §§ 4.2. and 4.3.
- 4. Financial responsibility under Virginia Regulation 9 VAC 25-590-10, et seq.

C. All owners and operators of new UST systems must ensure that the installer certifies in the notification form that the methods used to install the tanks and piping comply with the requirements in subsection D of § 2.1 of 9 VAC 25-590-10, et seq.

D. Beginning October 24, 1988, any person who sells a tank intended to be used as an underground storage tank must notify the purchaser of such tank of the owner's notification obligations under subsection A of this section. The statement provided in Appendix II of VR 680-13-02 may be used to comply with this requirement.

**I. OWNERSHIP OF TANK(S)**

**II. LOCATION OF TANK(S)**

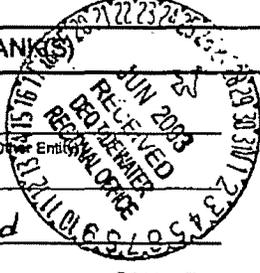
AYLIN, Inc  
 Owner Name (Corporation, Individual, Public Agency, or Other Entity)

5703 Holland Road  
 Street Address

Suffolk VA 23437  
 City State ZIP Code

Suffolk VA 23437  
 County State ZIP Code

757-657 6645  
 Phone Number (Include Area Code)



If known, give the geographic location of tank(s) by degrees, minutes, and seconds. Example Lat. 42, 38, 12N Long. 85, 24, 17W

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

(If same as Section I, mark box here)

Facility or Company Site Identifier, as applicable

Street Address (P. O. Box not acceptable)

Suffolk VA 23437  
 City State ZIP Code

County Municipality

III. TYPE OF OWNER		IV. INDIAN LANDS	
<input type="checkbox"/> Federal Government	<input checked="" type="checkbox"/> Commercial	Tanks are located on lands within an Indian Reservation or on other trust lands. <input type="checkbox"/>	Tribe or Nation: _____
<input type="checkbox"/> State Government	<input type="checkbox"/> Private		_____
<input type="checkbox"/> Local Government			Tanks are owned by Native American nation, tribe, or individual. <input type="checkbox"/>

V. TYPE OF FACILITY

Select the Appropriate Facility Description:

<input checked="" type="checkbox"/> Gas Station/Convenience Store	<input type="checkbox"/> State Government	<input type="checkbox"/> Contractor
<input type="checkbox"/> Petroleum Distributor	<input type="checkbox"/> Railroad	<input type="checkbox"/> Trucking/Transport
<input type="checkbox"/> Air Taxi (Airline)	<input type="checkbox"/> Federal - Non-Military	<input type="checkbox"/> Utilities
<input type="checkbox"/> Aircraft Owner	<input type="checkbox"/> Federal - Military	<input type="checkbox"/> Residential
<input type="checkbox"/> Auto Dealership	<input type="checkbox"/> Commercial	<input type="checkbox"/> Farm
<input type="checkbox"/> Local Government	<input type="checkbox"/> Industrial	<input type="checkbox"/> Other (Explain) _____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name (Print)	Job Title	Mailing Address	Phone Number (Include Area Code)
TAMER ARKLAN	G. Mgr.	5703 Holland Rd. Suffolk VA 23437	757-657 6645

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with VR680-13-03 utilizing the following method(s).

Mark All that Apply

<input type="checkbox"/> Self Insurance	<input type="checkbox"/> Guarantee	<input type="checkbox"/> Virginia Underground Petroleum Storage Tank Fund
<input checked="" type="checkbox"/> Commercial Insurance	<input type="checkbox"/> Surety Bond	<input type="checkbox"/> Trust Fund
<input type="checkbox"/> Risk Retention Group	<input type="checkbox"/> Letter of Credit	<input type="checkbox"/> Other Method Allowed (Specify)

RECEIVED  
JUL 16 2003

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. (To be signed by either the owner or the owner's authorized representative)

Name and official title of owner (Print) AYLAN, INC By ADWAN KIRISLIOGLU, Pres.	Signature <i>Adwan Kirislioglu</i>	Date Signed 6/25/2003
Name and official title of owner's authorized representative (Print)	Signature	Date Signed

STATE USE ONLY

Notification for Underground Storage Tanks (USTs)

Virginia DEQ Water Form 7530-2

(See reverse for mailing instructions)

Rev. (01/03)

ID Number: 5-008436

Date Received: 6/27/03

Date Entered: 7/9/03

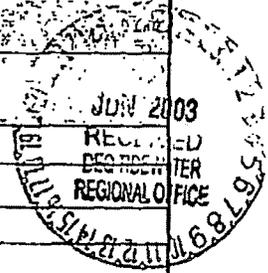
Entered By: [Signature]

Comments: [Signature]

PART I: PURPOSE OF NOTIFICATION

Check all that apply:

- New (not previously registered) facility
- Temporary closure
- Change in tank contents
- New tank(s) at previously registered facility
- Tank removal or closure
- New owner
- Change in tanks (e.g., upgrade)
- Piping removal or closure
- Change in owner address
- Change in piping (e.g., upgrade)
- Other (specify):



PART II: OWNERSHIP OF TANKS

PART III: LOCATION OF TANKS

A. Owner Name: **AYLIN INC.**  
 B. Owner Address: **5703 HOLLAND RD**  
 C. City, State, Zip: **SUFFOLK, VA 23437**  
 D. Name of Contact Person: **TAMER ARKLAN**  
 E. Title of Contact Person: **G. Mgr.**  
 F. Phone Number: **(757) 657 2455** Fax Number: **(757) 562 6402**  
 G. E-mail Address: \_\_\_\_\_  
 H. Name of Previous Owner: **Crossroads Fuel Service, Inc**

A. Facility Name: **Pure**  
 B. Facility Street Address (P.O. Box not acceptable): **Same**  
 C. City, Zip: \_\_\_\_\_  
 D. County or Municipality where Facility is Located: \_\_\_\_\_  
 E. Name of Contact Person: **Same**  
 F. Title of Contact Person: \_\_\_\_\_  
 G. Phone Number: ( ) Fax Number: ( )  
 H. E-mail Address: \_\_\_\_\_

RECEIVED

JUL 16 2003

OSRR

PART IV: TYPE OF OWNER

PART V: TYPE OF FACILITY

- Federal government
- Commercial
- State government
- Private
- Local government

- Retail gas station
- Petroleum distributor
- Local government

- Federal non-military
- Federal military
- State government

- Commercial (non-resale)
- Industrial
- Other
- Residence
- Farm

PART VI: FINANCIAL RESPONSIBILITY

The tank owner has met the financial responsibility requirements contained in 9 VAC 25-590-10 et seq. using the following methods/mechanisms

- Self Insurance
- Insurance
- Letter of Credit
- Virginia Petroleum Storage Tank Fund
- Guarantee
- Surety Bond
- Trust Fund

PART VII: OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I understand that the owner of the underground storage tanks hereby registered is responsible for compliance with the requirements of Virginia Regulations 9 VAC 25-590-10 et seq. and federal regulation 40 CFR Part 280, among other requirements. I warrant and represent that I am the owner or that I have the authority to sign this certification on behalf of the owner. I understand that this notification form is sufficient evidence to establish ownership of tanks subject to 9 VAC 25-590-10 et seq.

Name and Title (Type of Print): **ADNAN KIRISCIOGLU Pres.** Signature: *Adnan Kiriscioglu* Date: **06, 25, 2003**

PART VIII: INSTALLER CERTIFICATION

I certify that the installation of this tank was performed in accordance with all federal, state and local installation requirements. I warrant and represent that I am the installer or that I have the authority to sign this certification on behalf of the installer.

Name and Title (Type of Print): \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Company Name: \_\_\_\_\_ Address: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

MSF

**PART IX: TANK DESCRIPTION FOR NEW INSTALLATIONS AND AMENDMENTS**

Owner Tank Identification Number	1		2		3		4				
DEQ Tank Identification Number											
Tank Status	<input type="checkbox"/> New Tank <input checked="" type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment								
Date of Installation (MM/DD/YYYY)											
Date of Amendment (MM/DD/YYYY)	6/25/03		6/25/03		6/25/03		6/25/03				
Tank Capacity (Gallons)	8000		8000		8000		8000				
Substance stored (if hazardous, include CERCLA name and/or CAS number)	Gasoline		Gasoline		Gasoline		Gasoline				
Material of Construction (v all that apply)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	
	Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Coated and Cathodically Protected/STI-P30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
	Impressed Current System Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
	Composite (Steel Clad with Fiberglass)/ACT 100 @	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
	Lined Interior	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
	Polyethylene Tank Jacket	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
	Concrete	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
	Excavation Liner	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
	Asphalt Coated or Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
	Secondary Containment		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
	Polyflexible piping		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
	Galvanized Steel		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
	Other (specify)										
Has tank/piping been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
Piping Type	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	
	Safe Suction (No Check Valve at Tank)		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
	U.S. Suction (Check Valve at Tank)		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
	Pressure		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>
	Gravity Fed		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Release Detection	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	
	Manual Tank Gauging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Tightness Testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
	Inventory Control	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
	Automatic Tank Gauging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Vapor Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
	Groundwater Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
	Interstitial Monitoring-Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
	Interstitial Monitoring-Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
	Automatic Line Leak Detectors		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Statistical Inventory Reconciliation	<input type="checkbox"/>	<input type="checkbox"/>									
Other (specify)											
Spill Containment & Overfill Prevention	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	
	Spill Containment/Bucket	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
	Overfill Automatic Shutoff	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>	
	Overfill Alarm	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
	Overfill Ball Float Valve	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	



COMMONWEALTH of VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL QUALITY

W Tayloe Murphy Jr  
Secretary of Natural Resources

5636 Southern Boulevard  
Virginia Beach VA 23462  
www.deq.state.va.us

Robert G Burnley  
Director

Francis L Daniel  
Tidewater Regional Director  
(757) 518 2000

WARNING LETTER

October 12, 2005

Aylin Inc  
ATTN Tamer Arklan  
1397 Carrsville Hwy  
Franklin, VA 23851

RE Underground Storage Tank (UST) Compliance for  
Facility ID# 5-008436, Pure, 5703 Holland Rd, Suffolk, VA 23437

Dear Mr Arklan

The Department of Environmental Quality's ("DEQ") Tidewater Regional Office has reason to believe that Aylin Inc may be in violation of the State Water Control Law ("Water Law") and regulations based upon review of the Department's files and our September 30, 2005 inspection of the underground storage tank (UST) facility identified above. The enclosed "UST Facility Checklist" contains the staff's review of the facility's apparent compliance status with 9 VAC 25-580-60 (Upgrading of Existing UST Systems). As you know, all UST facilities were to have come into full compliance with these provisions by December 22, 1998 and with the provisions of the Financial Requirements regulation by December 31, 1993.

Please review the attached checklist immediately and submit the required documentation by **November 15, 2005**. Compliance may be achieved by UST upgrade, replacement or closure in accordance with UST regulatory requirements. Compliance may be verified by onsite inspection or other appropriate means. **If correction of these deficiencies will take longer than 60 days, a plan and schedule will be included in a Letter of Agreement ("LOA")**

Failure to respond may result in enforcement action by DEQ. Virginia Code § 62.1-44.32 provides for a civil penalty up to \$25,000 per violation, per day of violation. Code § 62.1-44.15(8a) authorizes the Board to issue special orders to persons for such violations. In addition, Code § 10.1-1186 authorizes the Director of DEQ to issue special orders to any person to comply with the Water Law and regulations and to impose a civil penalty of not more than \$10,000.

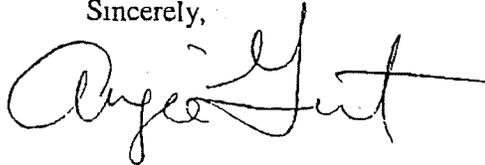
CX 11

EPA 054

Page 2 of 2

This Warning Letter is neither a case decision under the Virginia Administrative Process Act, Virginia Code § 2.2-4000 *et seq.*, nor an adjudication. Please feel free to contact me at (757) 518-2135 or email me at [abgent@deg.virginia.gov](mailto:abgent@deg.virginia.gov), if you have any questions regarding this letter. Your prompt cooperation is appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "Angie Gent". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Angie Gent  
Petroleum Facility Inspector

Enclosures

cc UST File

EPA 055

## Inspection Comments/Schedule for Completing Work

FAC ID # 5-008436, Pure, 5703 Holland Rd , Suffolk, VA 23437

By November 15, 2005, correct the following deficiencies. These are the items that need to be addressed in order for your facility to come into compliance with the UST Regulations

- Received  
Nov 21/05
- 1) **Overfill Prevention** There was a stick in the mudgrade's fill pipe, which is unacceptable. This prevents the overfill shutoff valve from working and can cause an overfill/spill to occur.
  - 2) **Cathodic Protection (tanks)** Cathodically protected systems are required to be tested every 3 years. Please have a 3-year cathodic protection test performed on the tanks and submit the results by the deadline indicated above. Also, sumps were full of water, which is not good for the equipment. Please have the sumps pumped out to prevent problems with your equipment and if there is any soil covering any of the equipment please either remove it or install spike anodes to prevent the equipment from corroding.
  - 3) **Release Detection (tanks)** There were no ATG records (records prior to the inspection) available for review during the inspection. I did obtain one tank leak test printout from the ATG dated September 30, 2005 that indicated that the tank #1 failed and tank #2 says that there is an increased rate warning. This is not acceptable. From now on, you need to report a failing result to us within 24 hours, since this is criteria for a suspected release. You are required to maintain 12 months (one passing tank leak test per month) of tank release detection records for each tank. Since there are no previous release detection records prior to the inspection and Tank #1 failed the tank leak test, you will need to have tank tightness tests (TTTs) performed on all tanks to ensure their integrity.
  - 4) **Release Detection (piping)** Automatic Line Leak Detectors (ALLD) are required to be tested (@ 30 gallons/hour) annually. Please have the ALLDs tested for all three gasoline pumps. You are also required to perform another form of release detection for your piping system, which can be one of the monthly monitoring methods used for tank release detection or an annual line tightness test (LTT). Since there were no monthly release detection records available, line tightness tests (@ 0.10 gallons/hour) needs to be performed for all 3 gasoline tanks.
  - 5) **Financial Responsibility** You will need to submit financial responsibility documentation for this facility. Please contact Josiah Bennett at our Central Office, with any questions, concerns or problems about your financial responsibility. He can be reached at (804) 698-4205 or the toll free number is (800) 592-5482.

Please complete all of these items by the deadline listed above or the enforcement actions may be elevated.

**Inspection Checklist Summary**

Still need:

FAC ID # 5-008436, Pure, 5703Holland Rd , Suffolk, VA 23437

**Cathodic Protection (tanks)** Cathodically protected systems are required to be tested every 3 years. Please have a 3-year cathodic protection test performed on the tanks and submit results as soon as possible.



# OESSCO

OIL EQUIPMENT SALES AND SERVICE COMPANY, INCORPORATED

4331 Bambridge Boulevard PO Box 5096 Chesapeake Virginia 23324 0096 757 543 3596 FAX 757 543 6196  
Wilson North Carolina Office/Fax 1 919 237 2597

11/21/05

## Leak Detector Test Report

Owner. Allied Inc

Location Name Pura Food Shop

Address 5703 HOLLAND RD

City Suffolk State VA

WO # 60734



### Test Results

Tank # / Product	Type Leak Detector	Test Valve Open - Pump Off (Pressure/ Time)	Test Valve Closed - Pump On (Pressure/ Time)	Ending Pressure <i>Pressure Time</i>	Pressure With Slow Flow Thru Test Valve	Pass / Fail
REG	RED JACKET	Ø	10 PSI 1 SEC	24 PSI 2 SEC	9 PSI	PASS
MID W/PIPE	RED JACKET	Ø	10 PSI 1 SEC	23 PSI 2 SEC	6 PSI	PASS
SMALL	RED JACKET	Ø	11 PSI 2 SEC	25 PSI 2 SEC	10 PSI	PASS

Inspector [Signature]

Date 10-12-05

DATA CHART  
For Use With



DATE 10-12-05

STATION NUMBER \_\_\_\_\_

1 LOCATION 5707 HOLLAND RD., SUFFOLK, VA  
Street No and or Corner City State Telephone No

2 OWNER JENNIFER AKKLAN  
Name Address Representative Position Telephone No

3 OPERATOR PURE / ALLIED INC.  
Name Dealer Mgr. or Other Address (if different than Location) Telephone No

4 REASON FOR TEST Annual

5 TEST REQUESTED BY \_\_\_\_\_  
Name Position Telephone No

6 SPECIAL INSTRUCTIONS \_\_\_\_\_

7 CONTRACTOR OR COMPANY MAKING TEST MECHANIC(S) NAME DESSCO DAVID H. EMIG 60734

8 IS A TANK TEST TO BE MADE WITH THIS LINE TEST?  YES  NO  
9 MAKE AND TYPE OF PUMP OR DISPENSERS (SUCTION OR SUBMERSIBLE) \_\_\_\_\_

10 WEATHER CLOUDY, WIND TEMPERATURE IN TANKS \_\_\_\_\_ °F \_\_\_\_\_ °C  
COVER OVER LINES CONCRETE BLOCK APPROXIMATE BURIAL DEPTH 3'  
Concrete, Black Top, etc.

11 IDENTIFY EACH LINE AS TESTED	12 TIME (MILITARY)	13 LOG OF TEST PROCEDURES AMBIENT TEMPERATURE, WEATHER ETC	14 PRESSURE		15 VOLUME			16 REMARKS SIZE, LENGTH & TYPE OF LINE, # FLEX CONNECTORS CONCLUSIONS REPAIRS AND COMMENTS
			psi OR kPa		READING		NET CHANGE	
			BEFORE	AFTER	BEFORE	AFTER		
REG	1024	RAN BLEED BACK	50	0	.0950	.0910	-.0040	PASS UNKNOWN Lines
U/L	1025	START LINE TEST	0	45	-	.0700	-	TOTAL NET CHANGE -.0035 PASS
	1040	CONT.	42	45	.0700	.0680	-.0020	
	1055	"	44	45	.0660	.0670	-.0010	
	1110	"	44	45	.0670	.0665	-.0005	
	1125	"	45	45	.0665	.0665	-.0000	
MIDGRADE	1146	RAN BLEED BACK	50	0	.0930	.0880	-.0050	PASS
	1150	START LINE TEST	0	45	-	.0560	-	TOTAL NET CHANGE -.0040 PASS
	1205	CONT	43	45	.0560	.0540	-.0020	
	1220	"	43	45	.0540	.0525	-.0015	

EPA 059



**RCRA Subtitle I Inspection Report**  
**UST Compliance Evaluation Inspection**

Pure Gas Station  
5703 Holland Road  
Suffolk, Virginia 23437

Telephone Number: 757-657-2455

Date of Inspection: March 30, 2010

Facility ID: 5008436

EPA-Region 3 Inspectors:

Andrew Ma, Environmental Scientist  
Office of Land Enforcement  
(215)-814-3429

Melissa Toffel, Environmental Protection Specialist  
Office of Land Enforcement  
(215)-814-2060

Tank Owner:

Adnan Kiriscioglu, Owner  
New Jersey Petroleum Organization (NJPO)  
(201)-866-9000

Tank Owner Representative:

Jennifer Arklan, Former Employee  
NJPO

Tamer Arklan, General Manager  
NJPO  
(757)-562-2659

  
Andrew Ma

5/20/10  
Date

**CX 12**

**EPA 061**

## **Background**

On March 30, 2010 the United States Environmental Protection Agency (“EPA”), Region 3, Land and Chemicals Division, Office of Land Enforcement conducted a Compliance Evaluation Inspection (“CEI”) of the underground storage tanks (“UST”) at Pure Gas Station located at 5703 Holland Road, Suffolk, VA 23437 (“the Facility”) to determine the extent of the compliance with Subtitle I of the Resource Conservation and Recovery Act (“RCRA”). The Virginia Department of Environmental Quality (VADEQ) was notified of the inspection on April 22, 2010, but no VADEQ representative was present at the inspection. EPA Enforcement Officer, Andrew Ma, contacted the owner of the Facility, Adnan Kiriscioglu of New Jersey Petroleum Organization (NJPO), and notified him of the EPA inspection 3 days prior to the inspection.

## **Inspection Observations**

### **Inspection Procedures:**

Upon arrival around 3 PM, EPA inspector Ma presented his credentials and asked a Facility representative if Jennifer Arklan was present. He stated that Jennifer was at the Facility earlier in the day, but she left a while ago. He gave Mr. Ma a phone number to contact Jennifer. Mr. Ma called the phone number, and Tamer Arklan, a manager of the Facility, answered the phone. Mr. Ma explained the scope and purpose of the inspection to Mr. Arklan. Mr. Arklan stated that Jennifer will come to the Facility in about 10 to 15 minutes, and he told Mr. Ma to proceed with the inspection. Upon her arrival to the Facility, credentials were presented to Jennifer Arklan by EPA inspectors. Jennifer Arklan stated that she is a former employee of the Facility, which is owned by New Jersey Petroleum Organization (NJPO). NJPO owns two other gas stations in the area, which are located at 1397 Carrsville Highway, Franklin, VA 23851 and 8917 S. Quay Road, Suffolk, VA 23437. EPA inspectors informed Jennifer that they are scheduled to inspect those facilities the following day, and she told inspectors that Tamer Arklan manages those facilities and that he would be present during the inspections. After completing the inspection, Mr. Ma completed the Region 3 UST Compliance Checklist, which is included as Attachment 1 to this report.

### **Tank Descriptions:**

The Facility has four USTs (See Table 1). Tank 1 and Tank 2 store regular gasoline. Tank 3 stores diesel fuel, and Tank 4 stores premium gasoline. According to facility representatives, Tank 3 originally stored gasoline, and the Facility began selling diesel fuel from Tank 3 in January of 2009. At the time of the inspection, the Facility was not selling any gasoline or diesel fuel. The Facility last sold 35 gallons of diesel from the diesel fuel UST on 2/26/2010, and the last delivery occurred on 1/23/2010. According to information gathered from the VADEQ prior to the inspection, all tanks are single-walled cathodically-protected steel tanks. Each tank was installed on 4/26/76, and each tank has a 6,000-gallon capacity. The tanks supply fuel to the dispensers via fiberglass reinforced plastic (“FRP”) pressurized piping, and Tank 1 and Tank 2 are

connected via manifold. Please see the site diagram sketch in Attachment 1. Please see Photo #1 – Photo #3 in the Photo Log (Attachment 2) for an overview of the Facility, the dispensers, and the UST field. The EPA inspectors observed one above-ground storage tank (AST) containing kerosene that was located between the building and the UST field, and one AST containing diesel fuel behind the building at the Facility. The ASTs containing kerosene and diesel are pictured in Photo #4 and Photo #5, respectively.

**Table 1  
Underground Storage Tank and Piping details for the Facility located at  
5703 Holland Road Suffolk, Virginia 23437**

Tank Number	Material Stored	Capacity (Gallons)	Installation Date	Tank Construction	Piping Construction Material
1	Gasoline (Regular)	6,000	4/26/76	SW cathodically-protected Steel	SW FRP
2	Gasoline (Regular)	6,000	4/26/76	SW cathodically-protected steel	SW FRP
3	Diesel	6,000	4/26/76	SW cathodically-protected steel	SW FRP
4	Gasoline (Premium)	6,000	4/26/76	SW cathodically-protected steel	SW FRP

Fiberglass Reinforced Plastic (“FRP”)

() – Denotes relative gasoline grade noted in Photo Log.

Single Walled – (“SW”)

**Tank Release Detection:**

At the time of the inspection the inspectors observed a Veeder-Root (“VR”) TLS-350 Automatic Tank Gauging (“ATG”) monitoring system inside the building. Please see Photo #6 in the Photo Log for a picture of the VR TLS-350 monitor. During the inspection, the VR TLS-350 monitor indicated a “Low Product Alarm,” “Invalid Fuel Level,” “Delivery Needed” for Tanks 1 – 4. The EPA inspectors printed a System Status Report and Inventory Report from the VR TLS-350 monitor (Attachment 3: VR TLS-350 ATG Printouts). A “Low Product Alarm,” “Invalid Fuel Delivery,” and “Delivery Needed” were indicated for Tanks 1 – 4. The Inventory Report printout showed that at the time of the inspection Tank 1 (regular) contained 202 gallons of gasoline, Tank 2 (regular) contained 204 gallons of gasoline, Tank 3 (diesel) contained 212 gallons of gasoline, and Tank 4 (premium) contained 201 gallons of gasoline. EPA inspectors also printed a “Leak Test Report” for Tanks 1-4 and each “Leak Test Report” indicated “Low Level Test Error; Percent Volume Too Low; Invalid Fuel Level” for each tank (Attachment 3). Other VR TLS-350 records printed at the time of the inspection in Attachment 3 include: “System Setup,” “In-Tank Setup” for Tanks 1-4, “Alarm History Report,” “Alarm History Report” for Tank 1, and “In-Tank Diagnostics” for Tanks 1 – 4. At the time of the inspection, the Facility did not have monthly ATG tank release detection records on-site.

When EPA inspectors lifted the lid to the sump containing the ATG port for Tank 1, they observed liquid in the sump (Photo #11). The inspectors also observed that the ATG port for Tank 2 was in a separate sump from its Submersible Turbine Pump (“STP”), and the ATG port was completely submerged in liquid in the sump (Photo #13). The ATG ports for Tank 3 and Tank 4 were located each in a separate sump that also contained the STP for each respective tank. The sump containing the ATG port for Tank 3 was filled with liquid at a level just below the ATG port (Photo #16). The sump containing the ATG port for Tank 4 contained liquid at a level just below top of the ATG port (Photo #18). The inspectors also observed holes on the sides of each sump for Tank 3 and Tank 4.

Subsequent to this inspection, on March 31, 2010, the EPA conducted a CEI of NJPO’s facility located at 1397 Carrsville Road in Franklin, VA where EPA inspectors spoke with Mr. Tamer Arklan regarding the method of tank release detection for the Facility located on Holland Road. Mr. Arklan was a former manager of the Facility, and he is an employee of NJPO. Mr. Arklan stated that the Holland Road Facility does not use the VR TLS-350 ATG as a form of release detection. Mr. Arklan stated that he prints out a tank inventory report every night from the VR TLS-350 monitor. He enters any sales data and tank inventory report data into a computer, and sends this data to NJPO at the end of each month to be submitted for monthly SIR. Mr. Arklan provided inspectors with a copy of the Facility sales data and tank inventory data for all the USTs, which was dated March 5, 2010 (Attachment 4). At the time of the inspection, the Facility did not have copies of the tank release detection SIR records on-site.

#### **Piping Release Detection:**

The pressurized piping for Tanks 1 and 2, which are connected via manifold, have a line leak detector as a form of release detection for their affiliated piping. Tank 3 and Tank 4 each have a line leak detector to detect potential leaks from their pressurized piping. Based on copies of line leak detector testing completed by Crompco, LLC, the Facility has mechanical line leak detectors for Tanks 1 – 4 that appear to be placed in the sumps affiliated with Tank 2, Tank 3, and Tank 4. When inspectors lifted the lid to the manway access sump for Tank 2, the STP was submerged in liquid (Photo #14 and Photo #15). The mechanical line leak detectors for Tank 3 and Tank 4 were also observed by inspectors to be completely submerged in liquid (Photo #16 - Photo #19).

The Facility provided a copy of a line tightness test for the piping affiliated with Tanks 1-4, and annual line leak detector functionality testing for three line leak detectors. The testing was conducted by Crompco, LLC on Friday, April 4, 2008 (Attachment 5). The copy of the line tightness tests and annual line leak detector functionality tests indicated passing results for all three lines and mechanical line leak detectors affiliated with Tanks 1 – 4 at the Facility. The inspectors also reviewed a copy of line tightness tests and annual line leak detector functionality tests conducted by Crompco, LLC at the Facility on March 24, 2009, and the test report stated “Could not perform testing because water was covering all the sumps.” At the time of the inspection, the Facility did not

have passing line tightness testing or line leak detector functionality testing records for 2007, 2009, and 2010.

On May 11, 2010, NJPO e-mailed copies of line tightness testing and line leak detector testing to EPA. The testing was completed by Crompco, LLC on March 24, 2009, April 4, 2008, and February 1, 2008 (Attachment 6). On the March 24, 2009 line tightness test and line leak detector test report Crompco, LLC stated "No testing performed – water needs to be pumped out from around the STP in order to test. Cancelled Test." The copies of the April 4, 2008 testing provided by the Facility in the May 11, 2010 e-mail was a copy of the same testing provided by the Facility during the inspection as seen in Attachment 5. The February 1, 2008 tightness test and line leak detector test report Crompco, LLC stated "Cancelled test because the water is covering the STP pumps."

### **Cathodic Protection:**

At the time of the inspection the manway access sumps were filled with water, and the EPA inspectors could not visually verify FRP piping in each sump entering into the ground from each tank. However, EPA inspectors used a magnet to verify that the piping entering the ground in each manway access sump for Tank 2, Tank 3, and Tank 4 was FRP.

The Facility representative opened the dispenser for pump #3. The inspectors observed that the dispenser fitting was metal and in contact with the backfill under the dispenser (Photo #20 and Photo #21). When inspectors removed the backfill from around the dispenser fitting, the inspectors verified that the piping was fiberglass. The inspectors did not observe a dispenser pan and verified the presence of a shear valve.

The tanks appear to be cathodically protected by an impressed current system. A rectifier box was located on a wall outside of garage building, which is located closest to Tank 4 (Photo #7 – Photo #9). The rectifier box power switch was in the "on" position. Written on the inside panel of the rectifier box was: "CP Settings"; "7-31-06"; "Volts 15.2"; "Amps 1.3." The volts and amperage reading from the rectifier box at the time of inspection showed around 20 Volts and a little over 2.0 Amps. At the time of the inspection, the Facility did not have 60-day inspection records for the impressed current system. Crompco, LLC conducted a test of the impressed current system on Friday, April 4, 2008, and the comments section of the report stated "Cathodic protection is inconclusive because of the rectifier kept on tripping when trying to due the test. Additional labor for extended testing time." (Attachment 5). At the time of the inspection the Facility did not have records of passing cathodic protection tests for its compressed current system 3 years prior to the last test on April 4, 2008, and it did not have any follow-up cathodic protection testing after the April 4, 2008 inconclusive test.

**Financial Assurance:**

At the time of the inspection, the Facility did not have documentation of financial assurance describing insurance coverage for potential leaks from the USTs at the Facility. On May 13, 2010 the Facility e-mailed copies of insurance coverage for the 4 underground tanks at the Facility (Attachment 7). The documentation indicates two separate policies, one with coverage from October 20, 2005 to October 20, 2006, and the other indicating coverage from October 20, 2006 to October 20, 2007.

**Used Oil:**

The EPA inspectors did not observe any used-oil tanks at the Facility.

**Spill/Overfill Prevention:**

The fill port for Tank 1 was locked and a key was provided by Jennifer Arklan to open the fill port. The EPA inspectors observed an overfill cutoff valve ("flapper valve") in the fill pipe for Tank 1, and observed liquid contained in the spill bucket (Photo #10). The inspector verified a flapper valve in the fill pipe for Tank 2 (Photo #12), and verified the presence of a dry spill bucket. A flapper valve and spill bucket was visually verified for Tank 3. The inspectors and the facility representative could not access the fill port for Tank 4, and could not verify spill and overfill protection for Tank 4.

**Other USTs:**

The EPA inspector did not observe any other USTs at the Facility.

**Attachments:**

1. Region 3 UST Compliance Checklist
2. Photo Log
3. VR TLS-350 ATG Printouts
4. Facility Tank Inventory Data
5. April 4, 2008 Crompco LDDT, LLT, & CP Test
6. May 11, 2010 Post Inspection Information: LDDT and LTT for 2008 and 2009; CP Test for 2009
7. Documentation of Financial Assurance coverage from 10/20/05 to 10/20/06 & from 10/20/06 to 10/20/07.

**Attachment 1**

**Region 3 UST Compliance Checklist**



### Leak Detection Inspection Checklist

I. Ownership of Tank(s)	II. Location of Tank(s)
New Jersey Petroleum Organization (NJPO) Adnan Kiriscioglu 631-207-1563	Pure Gas Station 5703 Holland Road, Suffolk, VA 23437; Phone #: 757-657-2455 <b>Number of Tanks at This Location: 4</b>

**III. Tank Information** Complete for each tank. If facility has more than 4 tanks, photocopy page and complete information for additional tanks.

Tank presently in use (circle)	Tank 1	Tank 2	Tank 3	Tank 4
If not, date last used				2/26/2010
If emptied, verify 1" or less of product in tank				
Month and Year Tank Installed	4/26/1976	4/26/1976	4/26/1976	4/26/1976
Material of Construction tank/pipe	SW Steel / FRP			
Capacity of Tank (in gallons)	6,000	6,000	6,000	6,000
Substance Stored	gasoline	gasoline	diesel	premium

**IV.A. Release Detection For Tanks** Check the release detection method(s) used for each tank or N/A if none required.

	Tank 1	Tank 2	Tank 3	Tank 4
Manual Tank Gauging (tanks under 1,000 gal.)				
Manual Tank Gauging and Tank Tightness Testing (tanks under 2,000 gal.)				
Tank Tightness Testing and Inventory Control				
Automatic Tank Gauging				
Vapor, Groundwater or Interstitial Monitoring				
Other approved method (SIR)	X	X	X	X

**IV.B. Release Detection For Piping** Check the release detection method(s) used for piping.

	Tank 1	Tank 2	Tank 3	Tank 4
Check Pressurized (P) or Suction (S) Piping for each tank		P	P	P
Automatic Line Leak Detectors, <b>and</b> check one		X	X	X
Vapor or Groundwater Monitoring				
Secondary Containment with Monitoring				
Line Tightness Testing		X	X	X

I, Andrew Ma, certify that I have inspected the above named facility on March 30, 2010  
 (print name) month/day/year

Inspector's Signature: 

Date: 5/20/10

EPA 068

**Leak Detection for Piping**

**Pressurized Piping** A method must be selected from each set. Where applicable indicate date of last test. If this facility has more than 4 tanks, please photocopy this page and complete information for all additional piping.

Set 1	Tank 1	Tank 2	Tank 3	Tank 4
Automatic Flow Restrictor				
Automatic Shut-off Device	X	X	X	
Continuous Alarm System				
<b>and</b>				
<b>Set 2</b>				
Annual Line Tightness Testing	3/24/09 (P)	3/24/09 (P)	3/24/09 (P)	3/24/09 (P)
Interstitial Monitoring				
If Interstitial Monitoring, documentation of monthly monitoring is available				
Ground-Water or Vapor Monitoring				
If Ground-Water or Vapor Monitoring, documentation of monthly monitoring is available				
Other Approved Method (specify in comments section)				

**Suction Piping.** Indicate date of most recent test.

Line Tightness Testing (required every 3 years)				
Secondary Containment with Interstitial Monitoring				
Ground-Water or Vapor Monitoring				
Other Approved Method (specify in comments section)				
<b>No Leak Detection Required (must answer yes to all of the following questions)</b>				
Operates at less than atmospheric pressure				
Has only one check valve, which is located directly under pump				
Slope of piping allows product to drain back into tank when suction released				
All above information on suction piping is verifiable				

On the back of this sheet, please sketch the site, noting all piping runs, tanks (including size and substances stored) and location of wells and their distance from tanks and piping.

Comments: The inspector reviewed LLDTs/LTTs by Crompco, Inc. for 3/24/2009, which stated "Could not perform testing because water was covering all the sumps." The Facility provided copies of passing LLDTs/LTTs for 4/4/2008.

Inspector's Signature: 

EPA 069

Date: 5/24/10

**Inventory Control and Tank Tightness Testing**

Method of tank tightness testing: \_\_\_\_\_  
 Address of tank tightness tester: \_\_\_\_\_

**Please complete all information for each tank**      If this facility has more than 4 tanks, please photocopy this page and complete the information for all additional tanks.

	Tank 1	Tank 2	Tank 3	Tank 4
Date of last tank tightness test.				
Did tank pass test? Indicate yes or no. If no, specify in comments section below the status of the tank or what actions have been taken (e.g., has state been notified?)				
Documentation of deliveries and sales balances with daily measurements of liquid volume in tank are maintained and available.				
Overages or shortages are less than 1% + 130 gals of tank's flow-through volume.				
If no, which months were not?				

**Please answer yes or no for each question**

Owner/operator can explain inventory control methods and figures used and recorded.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Records include monthly water monitoring.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Tank inventory reconciled before and after fuel delivery.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Books are reconciled monthly.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Appropriate calibration chart is used for calculating volume.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Dispenser pumps are calibrated to within 6 cubic inches per five gallons.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
The drop tube in the fill pipe extends to within one foot of tank bottom.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Owner can demonstrate consistency in dipsticking techniques.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
The dipstick is long enough to reach the bottom of the tank.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
The ends of the gauge stick are flat and not worn down.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
The dipstick is marked legibly & the product level can be determined to the nearest 1/8th inch.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
The tank has been tested within the year & has passed the tightness test (if necessary).	Yes <input type="checkbox"/>	No <input type="checkbox"/>
A third-party certification of the tank tightness test method is available.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Tank tester complied with all certification requirements.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Monitoring and testing are maintained and available for the past 12 months.	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Comments: *N/A*

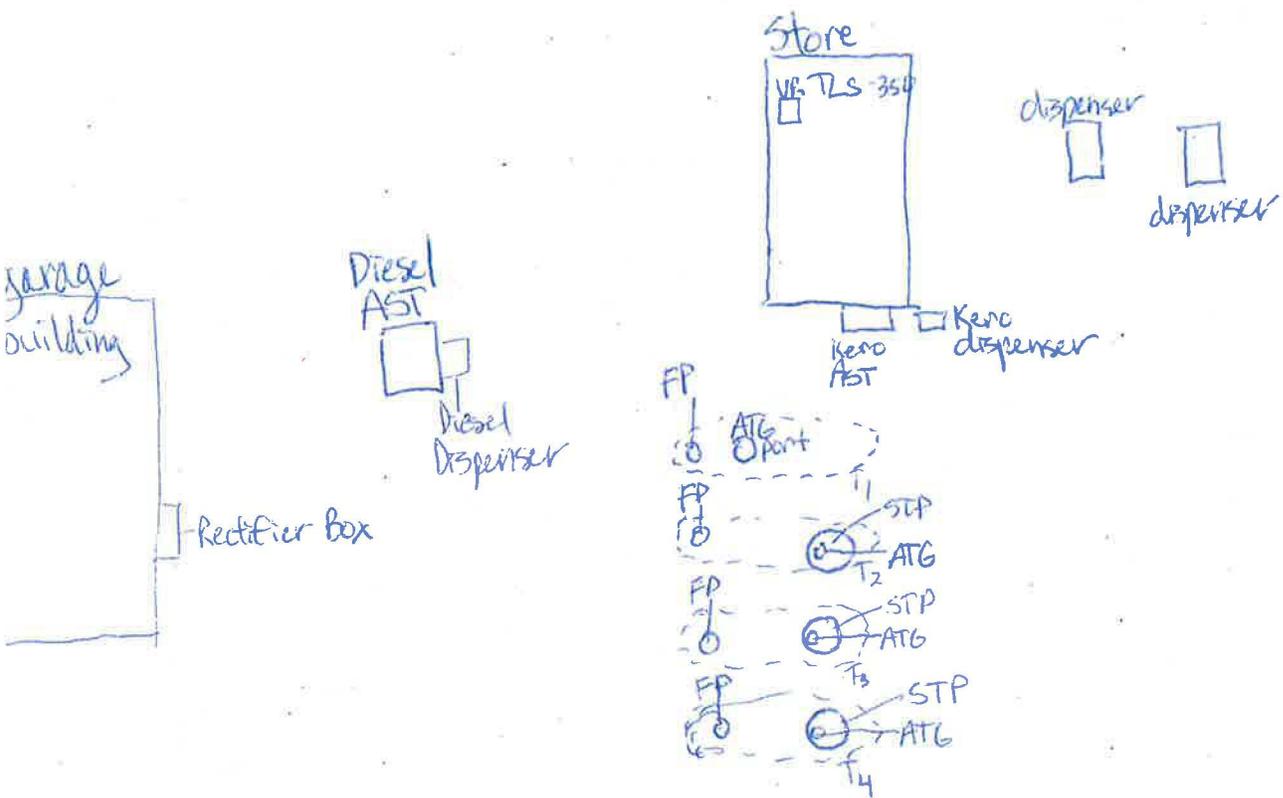
Inspector's Signature: *[Handwritten Signature]*

EPA 070

Date: *5/20/10*



Site Sketch/Photo Log



W ← Route 59 → E

**Manual Tank Gauging**

Manual tank gauging may be used as the sole method of leak detection only for tanks of 1,000 gal. or fewer or in combination with tank tightness testing for tanks of up to 2,000 gal.

Please indicate the number of the tank or tanks for which manual tank gauging is used as the main leak detection method (e.g., tanks 1 & 4): \_\_\_\_\_

**Please answer yes or no for each question**

Records show liquid level measurements are taken at beginning and end of period of at least ([Circle one] 36, 44, 58) hours during which no liquid is added to or removed from the tank.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Level measurements are based on average of two consecutive stick readings at both beginning and end of period.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Monthly average of variation between beginning and end measurements is less than standard shown below for corresponding size and dimensions of tank and waiting time.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Gauge stick is long enough to reach bottom of the tank. Ends of gauge stick are flat and not worn down.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Gauge stick is marked legibly and product level can be determined to the nearest one-eighth of an inch.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
MTG is used as sole method of leak detection for tank.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
MTG is used in conjunction with tank tightness testing.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Are all tanks for which MTG is used under 2,000 gallons in capacity?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Are monitoring records available for the last 12 month period?	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Check One:	Nominal Tank Capacity (in gallons)	Tank Dimensions	Monthly Standard (in gallons)	Minimum Test Duration
( )	110-550	N/A	5	36 hours
( )	551 - 1,000*	N/A	7	36 hours
( )	1,000*	64" diameter x 73" length	4	44 hours
( )	1,000*	48" diameter x 128" length	6	58 hours
( )	1,001 - 2,000*	N/A	13	36 hours

\* Manual tank gauging must be used in combination with tank tightness testing for tanks over 550 gal. and up to 2,000 gal.

Comments: *N/A*

EPA 073

Inspector's Signature: 

Date: *5/20/10*

### Ground Water Monitoring

Date System Installed: \_\_\_\_\_

Distance of well from tank(s) (1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_

Distance of well from piping (1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_

Site assessment was conducted by: \_\_\_\_\_

Location of site assessment documentation: \_\_\_\_\_

**Please answer each question of each well** If there are more than 4 wells, please photocopy this page and complete the information for all additional wells.

	Well 1	Well 2	Well 3	Well 4
Well is clearly marked and secured to avoid unauthorized access or tampering.				
Well was opened and presence of water was observed in well at depth of _____ ft.				

**Please answer yes or no for each question**

Wells are used to monitor piping.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Site assessment was performed prior to installation of wells.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Documentation of monthly readings is available.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Specific gravity of product is less than one.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Hydraulic conductivity of soil between UST system and monitoring wells is not less than 0.01 cm/sec. According to:	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Groundwater is not more than 20 feet from ground surface.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Wells are sealed from the ground surface to top of filter pack.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Continuous monitoring device or manual bailing method used can detect the presence of at least one-eighth of an inch of the product on top of groundwater in well.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Groundwater is monitored: ( ) Manually on a monthly basis. ( ) Automatically (continuously or monthly basis [Circle one]).		
Check the following if groundwater is monitored <u>manually</u> : Bailer used is accessible and functional.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Check the following if groundwater is monitored <u>automatically</u> : Monitoring box is operational.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Checked for presence of sensor in monitoring well.	Yes <input type="checkbox"/>	No <input type="checkbox"/>

On the back of this sheet, please sketch the site, noting all piping runs, tanks (including size and substances stored) and location of wells and their distance from tanks and piping.

Comments: N/A

Inspector's Signature:  EPA 074 Date: 5/20/10

**Interstitial Monitoring**

Manufacturer and name of system: \_\_\_\_\_

Date system installed: \_\_\_\_\_

Materials used for secondary barrier: \_\_\_\_\_

Materials used for internal lining: \_\_\_\_\_

Interstitial space is monitored (Circle one): automatically, continuously, monthly basis.

**Please answer yes or no for each question**

All tanks in system are fitted with secondary containment and interstitial monitoring.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
System is designed to detect release from any portion of UST system that routinely contains product.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Monitoring method is documented as capable of detecting a leak as small as .1 gal./hr. with at least a 95% probability of detection and a probability of false alarm of no more than 5%.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Documentation of monthly readings is available for last 12 months.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Maintenance and calibration documents and records are available and indicate appropriate maintenance procedures for system have been implemented.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Monitoring box, if present, is operational.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
If monitoring wells are part of leak detection system, monitoring wells are clearly marked and secured to avoid unauthorized access and tampering.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<b>Interstitial space is monitored manually on monthly basis (answer the following question).</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Equipment used to take readings is accessible and functional.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<b>Tank is double-walled</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<b>Tank is fitted with internal bladder to achieve secondary containment (answer the following question).</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Bladder is compatible with substance stored and will not deteriorate in the presence of that substance.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<b>Excavation is lined with impervious artificial material to achieve secondary containment (answer the following questions).</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Secondary barrier is always above groundwater.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
If secondary barrier is not always above groundwater, secondary barrier and monitoring designs are for use under such conditions.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Secondary barrier is constructed from artificially constructed material, with permeability to substance < 10 <sup>6</sup> cm/sec.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Secondary barrier is compatible with the regulated substances stored and will not deteriorate in presence of that substance.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Secondary barrier does not interfere with operation of cathodic protection system.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

Comments: \_\_\_\_\_

Inspector's Signature: \_\_\_\_\_

EPA 075

Date: 5/20/10

**Automatic Tank Gauging**

Manufacturer, name and model number of system: Veeder-Root TLS-350

**Please answer yes or no for each question**

Device documentation is available at site (e.g., manufacturer's brochures, owner's manual).	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Device can measure height of product to nearest one-eighth of an inch.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Documentation shows that water in bottom of tank is checked monthly to nearest one-eighth of an inch.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Documentation is available that the ATG was in test mode a minimum of once a month.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Checked for presence of gauge in tanks.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Checked for presence of monitoring box and evidence that device is working (i.e., device is equipped with roll of paper for results documentation).	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Owner/operator has documentation on file verifying method meets minimum performance standards of .20 gph with probability of detection of 95% and probability of false alarm of 5% for automatic tank gauging (e.g., results sheets under EPA's "Standard Test Procedures for Evaluating Leak Detection Methods").	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Checked documentation that system was installed, calibrated, and maintained according to manufacturer's instructions.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Maintenance records are available upon request.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Monthly testing records are available for the past 12 months.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Daily monitoring records are available for the past 12 months (if applicable).	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Comments: During the inspection the Facility had a VR TLS-350 ATG monitor inside the. However, the Facility representative stated that they do not utilize the ATG as a form of release detection. The Facility collects daily tank inventory reports to be sent to NJPO at the end of each month to be used as data for SIR. The Facility indicated that SIR is the primary form of release detection for each tank.

Inspector's Signature: 

Date: 5/20/10

**Statistical Inventory Reconciliation**

**Please complete all information for each tank**      If this facility has more than 4 tanks, please photocopy this page and complete the information for all additional tanks.

Documentation of deliveries and sales balances with daily measurements of liquid volume in tank are maintained and available.

**Please answer yes or no for each question**

Records include monthly water monitoring. Yes  No

Tank inventory reconciled before and after fuel delivery. Yes  No

Appropriate calibration chart is used for calculating volume. Yes  No

Dispenser pumps are calibrated to within 6 cubic inches per five gallons. Yes  No

The drop tube in the fill pipe extends to within one foot of tank bottom. Yes  No

Answer one of the following three:

1) Owner can demonstrate consistency in dipsticking techniques. Yes  No

a) The dipstick is long enough to reach the bottom of the tank. Yes  No

b) The end of the gauge stick is flat and not worn down. Yes  No

c) The dipstick is legible & the product level can be determined to the nearest 1/8th inch. Yes  No

**OR**

2) Automatic tank gauge is used for readings. Yes  No

**OR**

3) Other method is used for readings (explain in comment section below). Yes  No

A third-party certification of the SIR method is available. Yes  No

Monitoring and testing records are maintained and available for the past 12 months. Yes  No

Comments: The Facility collects daily tank inventory reports from the VR monitor. Data is entered into a computer and then sent to NJPO. NJPO collects and records the tank inventory data at the end of each month and that data is sent to a third party for SIR. The Facility provided inspectors with an example of the store sales data report and tank inventory data report for March 30, 2010, which was sent to NJPO for SIR. There were no SIR records at the Facility at the time of the EPA inspection.

Inspector's Signature: \_\_\_\_\_

Date: 5/20/10

**Spill/Overfill Prevention**

	<b>Tank 1</b>	<b>Tank 2</b>	<b>Tank 3</b>	<b>Tank 4</b>
<b>Are all tank transfers less than 25 gallons?</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
<b>Spill Prevention</b>				
Is there a spill bucket (at least 5 gallons) or another device that will prevent release of product to the environment (such as a dry disconnect coupling)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>Overfill Prevention</b>				
What device is used to prevent tank from being overfilled?				
Ball float valve	Yes <input type="checkbox"/> No <input type="checkbox"/>			
Butterfly valve (in fill pipe)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Automatic alarm monitoring is used	Yes <input type="checkbox"/> No <input type="checkbox"/>			
Other alarm system _____	Yes <input type="checkbox"/> No <input type="checkbox"/>			

DOES THE FACILITY HAVE A FINANCIAL ASSURANCE MECHANISM? YES  NO  (PROVIDE COMMENTS AS TO COMPLIANCE STATUS FOR 40 C.F.R. PART 280 SUBPART H.) At the time of the inspection the Facility did no have documentation of a Financial Assurance Policy for leaks from the USTs.

**Cathodic Protection**

	<b>Tank 1</b>	<b>Tank 2</b>	<b>Tank 3</b>	<b>Tank 4</b>
<b>Sacrificial Anode System</b>				
Test results show a negative voltage of at least 0.85 Volts (using the tank and a copper/copper sulfate cell)?	Yes <input type="checkbox"/> No <input type="checkbox"/>			
The last two test results are available. (Tests are required every three years.)	Yes <input type="checkbox"/> No <input type="checkbox"/>			
<b>Impressed Current</b>				
Rectifier is on 24 hours a day?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
The last two test results are available? (Tests are required every 60 days.)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Test results show a negative voltage of at least 0.85 Volts (using the tank and a copper/copper sulfate cell)?	Yes <input type="checkbox"/> No <input type="checkbox"/>			

Comments: EPA inspectors could not verify spill or overfill prevention for Tank 4, because the fill port for T4 would not open. Impressed Current System testing by Crompco, LLC on 4/4/08 states "Cathodic protection is inconclusive because of the rectifier kept on tripping when trying to due the test."

Inspector's Signature: 

EPA 078

Date: 5/10/10



**Attachment 2**

Photo Log





Photo #1: Overview of the Facility facing East.



Photo #2: The Facility's gasoline dispensers.



Photo #3: Overview of tank field and the garage with the rectifier box mounted on the building in the background.



Photo #4: Above-ground kerosene tank located next to the building closest to the tank field.



Photo #5: Above-ground diesel tank located behind the building closest to the tank field.

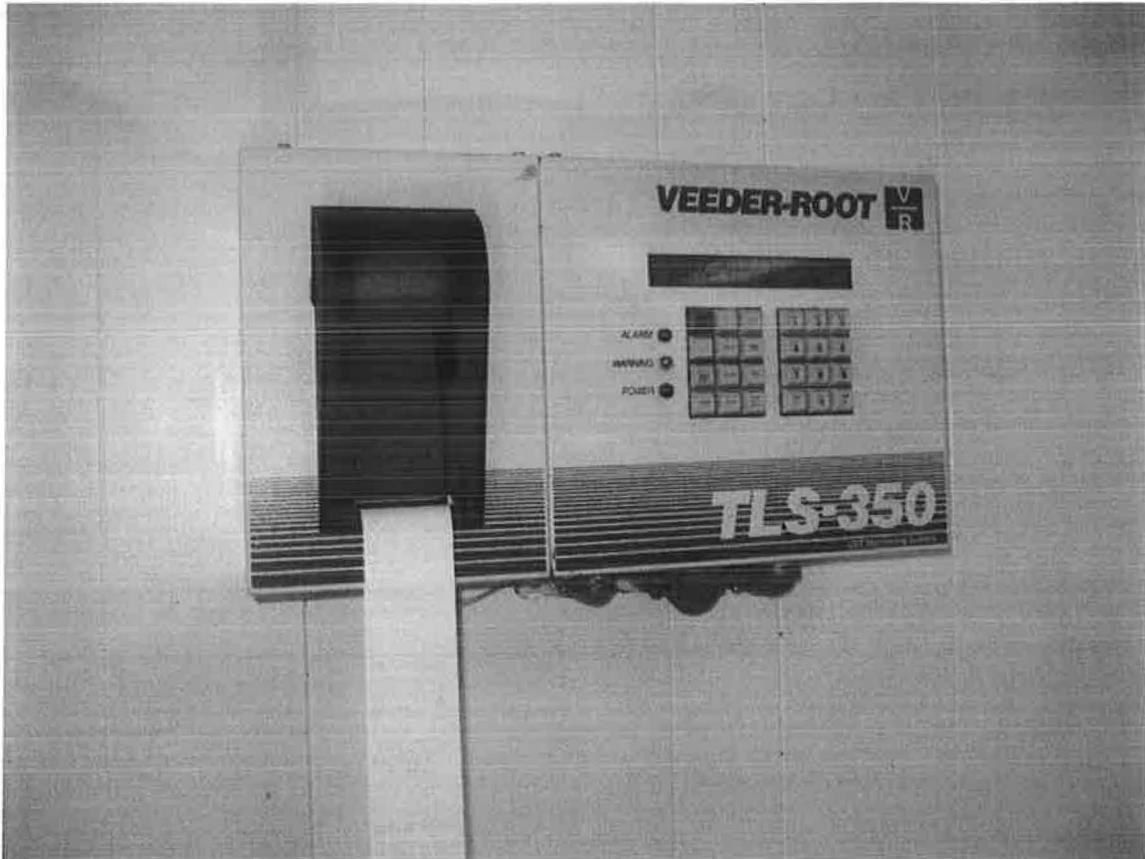


Photo #6: VR TLS-350 ATG monitor on the wall inside the building closest to the tank field.



Photo #7: Blue rectifier box on the outside wall of the garage building.



Photo #8: Close-up of the opened rectifier box.



Photo #9: Close-up of the open rectifier box.

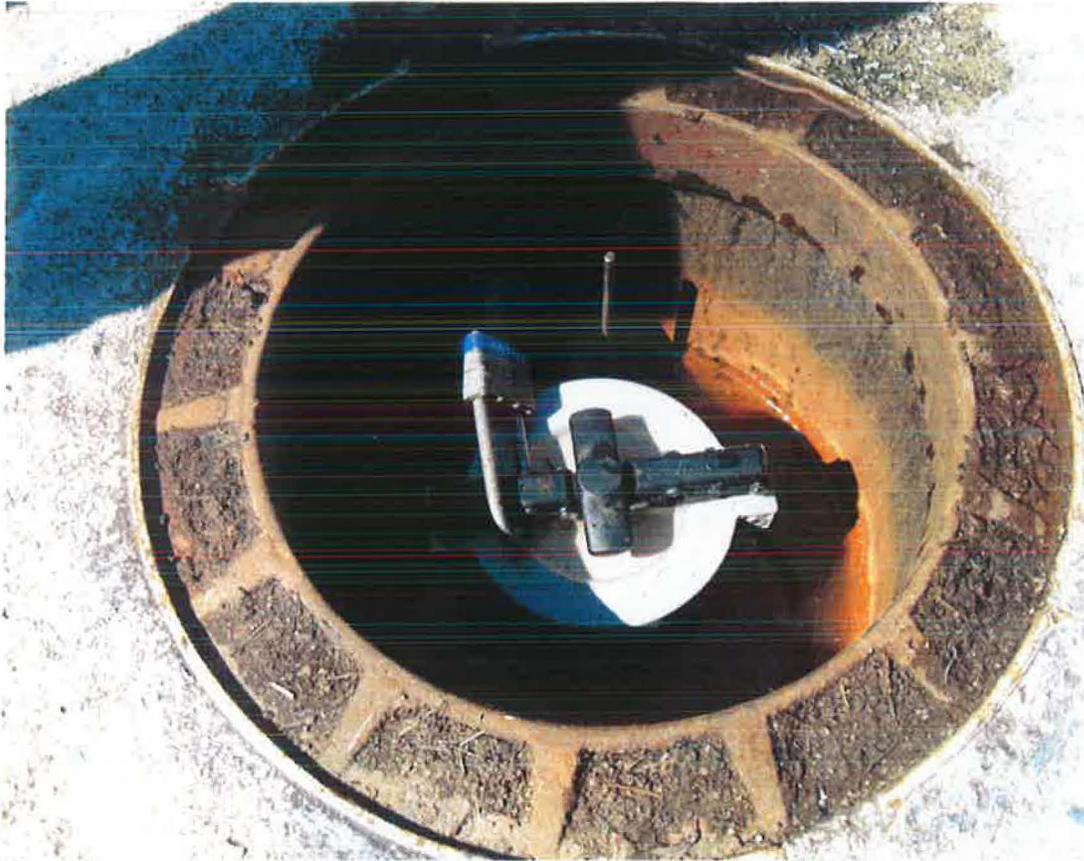


Photo #10: Tank 1 fill port with spill bucket containing liquid. The fill port was locked but later opened. The EPA inspectors visually confirmed a flapper valve in the fill pipe.



Photo #11: Tank 1 ATG port containing liquid.

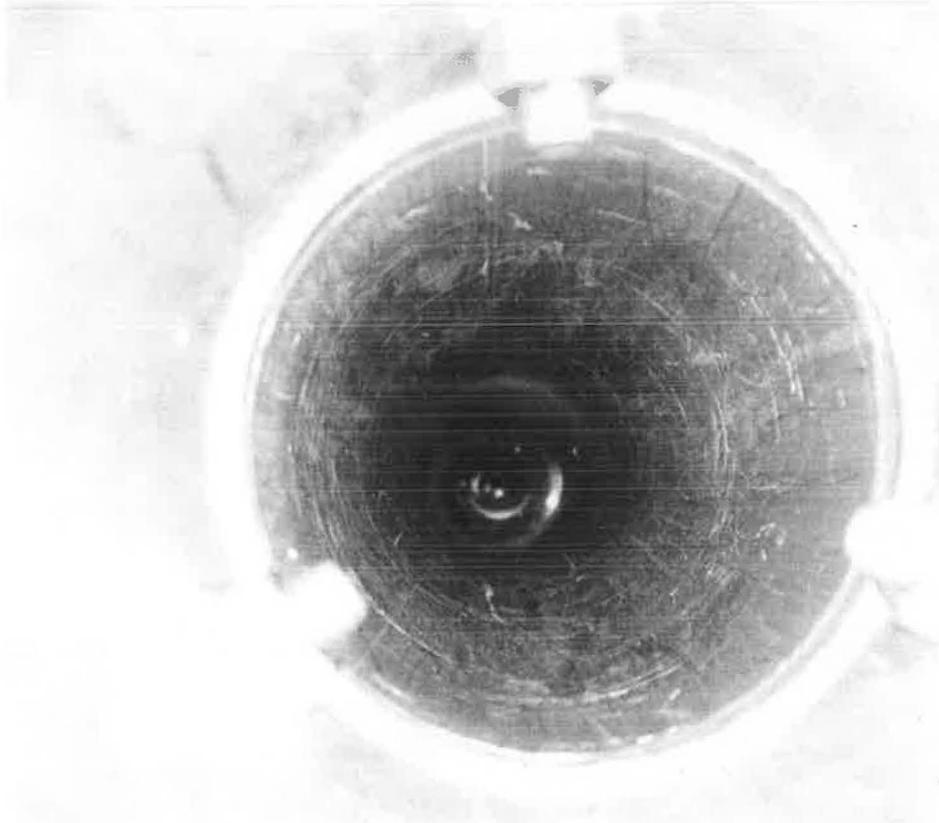


Photo #12: Tank 2 fill pipe close-up, with the flapper valve visually confirmed by inspectors.



Photo #13: Tank 2 ATG port filled with liquid.



Photo #14: Tank 2 sump with liquid completely covering STP.



Photo #15: Close-up of Tank 2 with STP in sump filled with liquid. Looking from above the liquid STP components appears to be in contact with the soil.



Photo #16: Tank 3 sump with STP submerged in liquid and with an ATG port just above the liquid line. Lining of the sump appears to be loose.



Photo #17: Tank 3 ATG port located in the sump just above the liquid level in the sump.

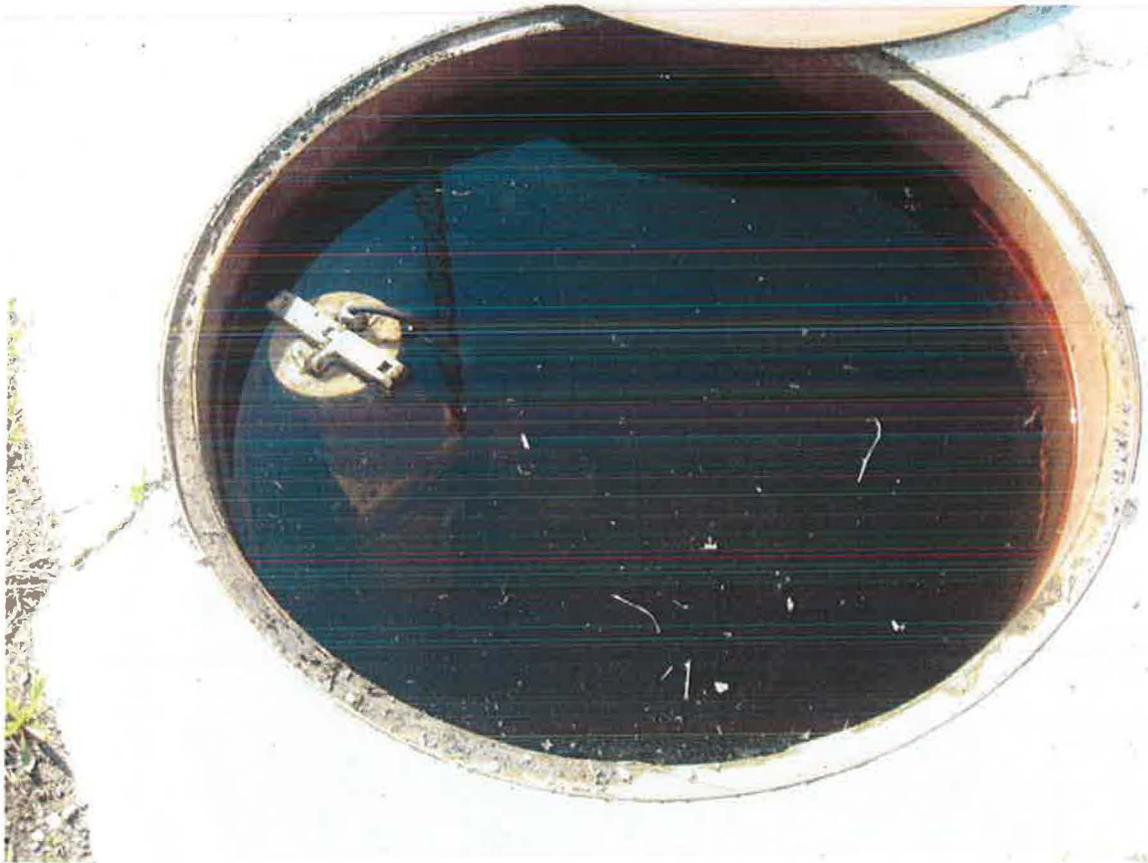


Photo #18: Tank 4 sump with STP completely covered with liquid and an ATG port partially submerged in liquid.



Photo #19: Tank 4 sump with ATG port just above the surface of the liquid in the sump.



Photo #20: Open dispenser for Pump #3 with backfill in contact with metal pipe fitting. No dispenser pan was observed.



Photo #21: Metal fittings for the piping under the dispensers appear to be in contact with the backfill.



**Attachment 3**

VR TLS-350 ATG Printouts



HOLLAND FOOD MKT  
5703 HOLLAND RD.  
SUFFOLK, VA. 23427

MAR 30, 2010 1:30 PM

SYSTEM STATUS REPORT

T 1:LOW PRODUCT ALARM  
T 1:INVALID FUEL LEVEL  
T 1:DELIVERY NEEDED  
T 2:LOW PRODUCT ALARM  
T 2:INVALID FUEL LEVEL  
T 2:DELIVERY NEEDED  
T 3:LOW PRODUCT ALARM  
T 3:INVALID FUEL LEVEL  
T 3:DELIVERY NEEDED  
T 4:LOW PRODUCT ALARM  
T 4:INVALID FUEL LEVEL  
T 4:DELIVERY NEEDED  
D 1:AUTODIAL FAILURE

INVENTORY REPORT

T 1:BLUE  
T 1:INVALID FUEL LEVEL  
VOL INVALID 202 GALS  
ULLAGE = 5861 GALS  
90% ULLAGE = 5254 GALS  
TC VOLUME = 202 GALS  
HGT INVALID 7.10 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 56.4 DEG F

T 2:BLUE  
T 2:INVALID FUEL LEVEL  
VOL INVALID 204 GALS  
ULLAGE = 5859 GALS  
90% ULLAGE = 5252 GALS  
TC VOLUME = 204 GALS  
HGT INVALID 7.13 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 56.1 DEG F

T 3:DIESEL  
T 3:INVALID FUEL LEVEL  
VOL INVALID 212 GALS  
ULLAGE = 5851 GALS  
90% ULLAGE = 5244 GALS  
TC VOLUME = 212 GALS  
HGT INVALID 7.33 INCHES  
WATER VOL = 10 GALS  
WATER = 0.97 INCHES  
TEMP = 56.7 DEG F

T 4:GOLD  
T 4:INVALID FUEL LEVEL  
VOL INVALID 201 GALS  
ULLAGE = 5862 GALS  
90% ULLAGE = 5255 GALS  
TC VOLUME = 201 GALS  
HGT INVALID 7.06 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 56.3 DEG F

EPA 102

\* \* \* \* \* ~~END~~ \* \* \* \* \*



HOLLAND FOOD MKT  
5703 HOLLAND RD.  
SUFFOLK.VA. 23427

MAR 30, 2010 1:31 PM

LEAK TEST REPORT

T 1:BLUE  
PROBE SERIAL NUM 033396

TEST STARTING TIME:  
MAR 30, 2010 1:00 AM

TEST LENGTH = 4.0 HRE  
STRT VOLUME = 203.0 GAL

LEAK TEST RESULTS  
0.10 GAL/HR TEST INVL

0.10 GAL/HR FLAGS:  
LOW LEVEL TEST ERROR  
PERCENT VOLUME TOO LOW  
INVALID FUEL LEVEL

\* \* \* \* \* END \* \* \* \* \*

HOLLAND FOOD MKT  
5703 HOLLAND RD.  
SUFFOLK.VA. 23427

MAR 30, 2010 1:31 PM

LEAK TEST REPORT

T 2:BLUE  
PROBE SERIAL NUM 033399

TEST STARTING TIME:  
MAR 30, 2010 1:00 AM

TEST LENGTH = 4.0 HRE  
STRT VOLUME = 204.0 GAL

LEAK TEST RESULTS  
0.10 GAL/HR TEST INVL

0.10 GAL/HR FLAGS:  
LOW LEVEL TEST ERROR  
PERCENT VOLUME TOO LOW  
INVALID FUEL LEVEL

\* \* \* \* \* END \* \* \* \* \*

HOLLAND FOOD MKT  
5703 HOLLAND RD.  
SUFFOLK.VA. 23427

MAR 30, 2010 1:32 PM

LEAK TEST REPORT

T 3:DIESEL  
PROBE SERIAL NUM 033398

TEST STARTING TIME:  
MAR 30, 2010 1:00 AM

TEST LENGTH = 4.0 HRE  
STRT VOLUME = 212.4 GAL

LEAK TEST RESULTS  
0.10 GAL/HR TEST INVL

0.10 GAL/HR FLAGS:  
LOW LEVEL TEST ERROR  
PERCENT VOLUME TOO LOW  
INVALID FUEL LEVEL

\* \* \* \* \* END \* \* \* \* \*

HOLLAND FOOD MKT  
5703 HOLLAND RD.  
SUFFOLK.VA. 23427

MAR 30, 2010 1:32 PM

LEAK TEST REPORT

T 4:GOLD  
PROBE SERIAL NUM 033403

TEST STARTING TIME:  
MAR 30, 2010 1:00 AM

TEST LENGTH = 4.0 HRE  
STRT VOLUME = 201.3 GAL

LEAK TEST RESULTS  
0.10 GAL/HR TEST INVL

0.10 GAL/HR FLAGS:  
LOW LEVEL TEST ERROR  
PERCENT VOLUME TOO LOW  
INVALID FUEL LEVEL

\* \* \* \* \* END \* \* \* \* \*



SYSTEM SETUP  
MAR 30, 2010 1:34 PM

SYSTEM UNITS  
U.S.  
SYSTEM LANGUAGE  
ENGLISH  
SYSTEM DATE/TIME FORMAT  
MON DD YYYY HH:MM:SS xM

HOLLAND FOD MKT  
5703 HOLLAND RD.  
SUFFOLK, VA. 23427

SHIFT TIME 1 : DISABLED  
SHIFT TIME 2 : DISABLED  
SHIFT TIME 3 : DISABLED  
SHIFT TIME 4 : DISABLED

TANK PER TST NEEDED WRN  
DISABLED  
TANK ANN TST NEEDED WRN  
DISABLED

LINE RE-ENABLE METHOD  
PASS LINE TEST

LINE PER TST NEEDED WRN  
DISABLED  
LINE ANN TST NEEDED WRN  
DISABLED

PRINT TO VOLUMES  
ENABLED

TEMP COMPENSATION  
VALUE (DEC F ): 60.0  
STICK HEIGHT OFFSET  
DISABLED

H-PROTOCOL DATA FORMAT  
HEIGHT  
DAYLIGHT SAVING TIME  
ENABLED  
START DATE  
APR WEEK 1 SUN  
START TIME  
2:00 AM  
END DATE  
OCT WEEK 5 SUN  
END TIME  
2:00 AM

RE-DIRECT LOCAL PRINTOUT  
DISABLED

SYSTEM SECURITY  
CODE : 00000



IN-TANK SETUP

T 1:BLUE  
PRODUCT CCDE : 1  
THERMAL CCEFF : .00070C  
TANK DIAMETER : 96.0C  
TANK PROFILE : 1 PT  
FULL VOL : 606E

FLOAT SIZE: 4.0 IN.  
WATER WARNING : 2.C  
HIGH WATER LIMIT: 3.C  
MAX OR LAEEL VOL: 606E  
OVERFILL LIMIT : 90%  
545E  
HIGH PRODUCT : 95%  
575E  
DELIVERY LIMIT : 10%  
60E  
LOW PRODUCT : 150C  
LEAK ALARM LIMIT: 9E  
SUDDEN LOSS LIMIT: 9E  
TANK TILT : 0.0C

MANIFOLDED TANKS  
T#: NONE

LEAK MIN PERIODIC: 50%  
3031

LEAK MIN ANNUAL : 50%  
3031

PERIODIC TEST TYPE  
STANDARD

ANNUAL TEST FAIL  
ALARM DISABLED

PERIODIC TEST FAIL  
ALARM DISABLED

GROSS TEST FAIL  
ALARM DISABLED

ANN TEST AVERAGING: OFF  
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF  
TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

T 2:BLUE  
PRODUCT CCDE : 2  
THERMAL CCEFF : .00070C  
TANK DIAMETER : 96.0C  
TANK PROFILE : 1 PT  
FULL VOL : 606E

FLOAT SIZE: 4.0 IN.  
WATER WARNING : 2.C  
HIGH WATER LIMIT: 3.C  
MAX OR LAEEL VOL: 606E  
OVERFILL LIMIT : 90%  
545E  
HIGH PRODUCT : 95%  
575E  
DELIVERY LIMIT : 10%  
60E  
LOW PRODUCT : 150C  
LEAK ALARM LIMIT: 9E  
SUDDEN LOSS LIMIT: 9E  
TANK TILT : 0.0C

MANIFOLDED TANKS  
T#: NONE

LEAK MIN PERIODIC: 50%  
3031

LEAK MIN ANNUAL : 50%  
3031

PERIODIC TEST TYPE  
STANDARD

ANNUAL TEST FAIL  
ALARM DISABLED

PERIODIC TEST FAIL  
ALARM DISABLED

GROSS TEST FAIL  
ALARM DISABLED

ANN TEST AVERAGING: OFF  
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF  
TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

T 3:DIESEL  
PRODUCT CCDE : 3  
THERMAL CCEFF : .00045C  
TANK DIAMETER : 96.0C  
TANK PROFILE : 1 PT  
FULL VOL : 606E

FLOAT SIZE: 4.0 IN.  
WATER WARNING : 2.C  
HIGH WATER LIMIT: 3.C  
MAX OR LAEEL VOL: 606E  
OVERFILL LIMIT : 90%  
545E  
HIGH PRODUCT : 95%  
575E  
DELIVERY LIMIT : 10%  
60E  
LOW PRODUCT : 150C  
LEAK ALARM LIMIT: 9E  
SUDDEN LOSS LIMIT: 9E  
TANK TILT : 0.0C

MANIFOLDED TANKS  
T#: NONE

LEAK MIN PERIODIC: 50%  
3031

LEAK MIN ANNUAL : 50%  
3031

PERIODIC TEST TYPE  
STANDARD

ANNUAL TEST FAIL  
ALARM DISABLED

PERIODIC TEST FAIL  
ALARM DISABLED

GROSS TEST FAIL  
ALARM DISABLED

ANN TEST AVERAGING: OFF  
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF  
TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

T 4:GOLD  
PRODUCT CCDE : 4  
THERMAL CCEFF : .00070C  
TANK DIAMETER : 96.0C  
TANK PROFILE : 1 PT  
FULL VOL : 606E

FLOAT SIZE: 4.0 IN.  
WATER WARNING : 2.C  
HIGH WATER LIMIT: 3.C  
MAX OR LAEEL VOL: 606E  
OVERFILL LIMIT : 90%  
545E  
HIGH PRODUCT : 95%  
575E  
DELIVERY LIMIT : 10%  
60E

LOW PRODUCT : 150C  
LEAK ALARM LIMIT: 9E  
SUDDEN LOSS LIMIT: 9E  
TANK TILT : 0.0C  
MANIFOLDED TANKS  
T#: NONE

LEAK MIN PERIODIC: 50%  
3031  
LEAK MIN ANNUAL : 50%  
3031

PERIODIC TEST TYPE  
STANDARD  
ANNUAL TEST FAIL  
ALARM DISABLED  
PERIODIC TEST FAIL  
ALARM DISABLED  
GROSS TEST FAIL  
ALARM DISABLED  
ANN TEST AVERAGING: OFF  
PER TEST AVERAGING: OFF  
TANK TEST NOTIFY: OFF  
TNK TST SIPHON BREAK:OFF  
DELIVERY DELAY : 1 MIN



LEAK TEST METHOD

TEST DAILY : ALL TANK

START TIME : 1:00 AM  
TEST RATE : 0.10 GAL/HR  
DURATION : 4 HOURS  
TST EARLY STOP:DISABLED

LEAK TEST REPORT FORMAT  
NORMAL

ALARM HISTORY REPORT

----- SYSTEM ALARM -----

PAPER OUT  
MAR 4. 2010 5:10 PM  
PRINTER ERROR  
MAR 4. 2010 5:14 PM  
BATTERY IS OFF  
JAN 1. 1996 8:00 AM

\* \* \* \* \* END \* \* \* \* \*

ALARM HISTORY REPORT

----- IN-TANK ALARM -----

T 1:BLUE

HIGH WATER ALARM  
DEC 12. 2009 2:13 PM  
JUN 16. 2001 8:46 AM  
JUN 6. 2001 9:45 PM

OVERFILL ALARM  
OCT 1. 2008 4:18 PM  
SEP 23. 2008 12:39 PM  
JUL 22. 2008 2:13 PM

LOW PRODUCT ALARM  
AUG 13. 2009 3:59 PM  
JUL 29. 2009 7:07 AM  
JUL 19. 2009 2:53 AM

HIGH PRODUCT ALARM  
OCT 1. 2008 4:19 PM  
JUL 22. 2008 2:14 PM  
APR 4. 2008 2:03 PM

INVALID FUEL LEVEL  
DEC 21. 2009 1:44 PM  
AUG 16. 2009 5:02 PM  
AUG 4. 2009 4:54 PM

PROBE OUT  
APR 4. 2008 12:52 PM

HIGH WATER WARNING  
DEC 12. 2009 2:13 PM  
APR 9. 2003 7:44 AM  
JUN 16. 2001 7:05 AM

DELIVERY NEEDED  
DEC 21. 2009 1:17 PM  
AUG 16. 2009 10:19 AM  
AUG 12. 2009 4:35 PM

PERIODIC TEST FAIL  
AUG 29. 2006 12:48 AM  
FEB 9. 2006 8:00 AM  
SEP 5. 2005 5:31 AM

NO CSLD IDLE TIME  
NOV 30. 2006 8:00 AM  
NOV 22. 2006 8:00 AM  
OCT 21. 2006 8:00 AM

\* \* \* \* \* END \* \* \* \* \*



IN-TANK DIAGNOSTIC  
-----  
PROBE DIAGNOSTICS  
T 1: PROBE TYPE MAG1  
SERIAL NUMBER 033396  
ID CHAN = 0xC000  
GRADIENT = 178.3300

NUM SAMPLES = 20  
C00 685.0 C01 1218.7  
C02 1218.2 C03 1218.3  
C04 1218.3 C05 1218.3  
C06 1218.2 C07 1218.9  
C08 1218.2 C09 1218.6  
C10 1218.4 C11 41618.6  
C12 24472.3 C13 24501.6  
C14 24551.2 C15 24530.6  
C16 24485.5 C17 24505.0  
C18 41615.9

SAMPLES READ =278798533  
SAMPLES USED =278770854

IN-TANK DIAGNOSTIC  
-----  
PROBE DIAGNOSTICS  
T 2: PROBE TYPE MAG1  
SERIAL NUMBER 033399  
ID CHAN = 0xC000  
GRADIENT = 178.3300

NUM SAMPLES = 20  
C00 685.0 C01 1222.9  
C02 1222.6 C03 1223.0  
C04 1223.7 C05 1222.3  
C06 1222.8 C07 1223.0  
C08 1222.9 C09 1223.0  
C10 1222.9 C11 41391.6  
C12 24456.7 C13 24507.6  
C14 24625.2 C15 24589.0  
C16 24547.0 C17 24512.3  
C18 41389.3

SAMPLES READ =278782968  
SAMPLES USED =278675823

IN-TANK DIAGNOSTIC  
-----  
PROBE DIAGNOSTICS  
T 3: PROBE TYPE MAG1  
SERIAL NUMBER 033398  
ID CHAN = 0xC000  
GRADIENT = 178.2400

NUM SAMPLES = 20  
C00 736.3 C01 1258.0  
C02 1258.0 C03 1258.2  
C04 1258.2 C05 1258.0  
C06 1258.1 C07 1258.6  
C08 1258.0 C09 1258.3  
C10 1258.1 C11 40787.7  
C12 24072.8 C13 24148.7  
C14 24120.8 C15 24076.6  
C16 24043.8 C17 23891.4  
C18 40785.2

SAMPLES READ =278738884  
SAMPLES USED =278011649

IN-TANK DIAGNOSTIC  
-----  
PROBE DIAGNOSTICS  
T 4: PROBE TYPE MAG1  
SERIAL NUMBER 033403  
ID CHAN = 0xC000  
GRADIENT = 179.2300

NUM SAMPLES = 20  
C00 681.0 C01 1217.2  
C02 1217.0 C03 1217.0  
C04 1217.1 C05 1217.1  
C06 1217.0 C07 1217.0  
C08 1217.2 C09 1217.1  
C10 1217.1 C11 41512.0  
C12 24394.6 C13 24530.6  
C14 24588.0 C15 24562.9  
C16 24590.8 C17 24506.2  
C18 41510.4

SAMPLES READ =278025573  
SAMPLES USED =278020472



**Attachment 4**

Facility Inventory Data



# AMOCO FOOD SHOP

VENDORS		AMOUNT
1		
2		
3		
4		
5		
6		
<b>TOTAL</b>		\$

DROPS	INV. #	TIME	ENTL	AMOUNT \$
1	12			385.00
2			S	29.00
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
Total Coins				
Total Checks				
<b>TOTAL DROPS \$</b>				<b>414.00</b>

DATE	3 15 2010
DAY	FRIDAY

Weather

NAME	START	END	HRS
SENAT	8	8	12

DELI EXPENSES		AMOUNT
1		
2		
<b>TOTAL</b>		\$

TOTAL FUEL SALES \$	
GAS	
DIESEL	
KERO	
<b>\$</b>	

DIESEL SALES	
CLOSING	
OPENING	
SOLD	
GALLONS	
UNIT PRICE	
<b>\$</b>	
AMOUNT	

OTHER EXPENSES		AMOUNT
1		
2		
<b>TOTAL</b>		\$

NEEDS AND COMMENTS	

INVENTORY	BLUE	SILVER	GOLD	DIESEL	KERO
OPEN	256	96	201	-	-
DELIV.	-	-	-	-	-
TOTAL	256	96	201	-	-
SOLD	-	-	-	-	-
CLOSE	256	96	201	-	-
ACTUAL	407	213	201	-	-
STICKS	-	-	-	-	-
ACTUAL-CLOSE	-151	-117	-	-	-

	REGULAR PACKS	REGULAR CARTONS	GENERIC PACKS	GENERIC CARTONS	SUB.GEN. PACKS	SUB.GEN. CARTONS	PHONE CARDS	LOTTERY					
								\$1	\$2	\$3	\$5	\$10	\$20
OPEN	428	8	224	-	-	-	-	1251	462	94	169	171	24
ADD	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	428	8	224	-	-	-	-	1251	462	94	169	171	24
CLOSE	420	8	218	-	-	-	-	1237	451	91	146	163	24
ACTUAL SOLD	8	-	6	-	-	-	-	14	22	9	115	80	-
REGISTER	8	-	6	-	-	-	-	<b>TOTAL LOTTERY \$ 240.00</b>					
DIFFERENCE	-	-	-	-	-	-	-						

TOTAL FUEL SALES	TOTAL COLL-TOTAL SOLD	TOTAL DROPS
-	(-) (+)	414.00
STORE SALES 113.24	SHORT OVER	CREDIT CARDS 24.30
STORE TAX 6.23	+0.33/	MANUAL C.C. -
DELI SALES -		VENDORS -
DELI TAX -		INST.LOTTO PAYMENT -
PHONE CARDS -		DELI EXPENSES -
OTHER PAY-IN -		OTHER EXPENSES -
LOTTO CLOSING BALANCE 78.50	GAS SEQUENCE # 5520	COUPONS -
LOTTERY 240.00	STORE SEQUENCE # 0524	
<b>TOTAL SOLD 437.97</b>	TOTAL VOL: -	<b>TOTAL COLL 438.30</b>







**Attachment 5**

April 4, 2008 Cromco LDDT, LLT, & CP Ttest





**IMPORTANT LEGAL DOCUMENTS**

April 17th, 2008

Pure Food Mart #USP5703  
5703 Holland Rd.  
Suffolk, VA 23434

Re:  
2008 Compliance Test Results  
Crompco Work Order #200797  
Test Performed on Fri Apr 4th, 2008

Dear Manager (Facility #USP5703):

Enclosed are the 2008 Compliance Test Results for testing performed by Crompco for USP-NJPO. These test results are **important legal documents** that are required to be retained at your facility in the "Environmental Compliance Binder" in case an inspection would occur by a state or local agency. Upon receipt, please put the results in the binder as requested by USP-NJPO.

The 2008 compliance tests performed at your facility are indicated below. For specific testing detail, please refer to the enclosed test report.

	Tank(s)
X	Line(s) and/or Leak Detector(s)
X	Cathodic Protection
	Monitor Inspection
	Vapor Recovery
	Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Jennifer Foster or Sue Hickey of Crompco at 1-800-646-3161.

Sincerely,

Jennifer Foster  
Compliance Administrator



**CERTIFICATE OF UNDERGROUND STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

Phone: (610) 278-7203  
 Fax: (610) 278-7621

Work Order #200797	Client Information	Location #USP5703
<b>Date:</b> Fri Apr 4th, 2008 <b>Reason:</b> Compliance	New Jersey Petroleum Organization ( Accounts Payable) <b>Invoice #</b> 195829 <b>Permit#</b> <b>P.O.#</b>	USP-NJPO 5703 Holland Rd. Suffolk, VA 23434 <b>County:</b> Isle Of Wight

Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.

**Lines**

Equip #	Grade	Test	Result
001 (all)	Regular	Petro-tite Line	Pass
002 (all)	Plus	Petro-tite Line	Pass
003 (all)	Premium	Petro-tite Line	Pass

**Leak Detectors**

Equip #	Grade	Test	Result
001	Regular	Leak Detector	Pass
002	Plus	Leak Detector	Pass
003	Premium	Leak Detector	Pass

**Miscellaneous Inspections**

Test	Result
CP: Rectifier Info	Completed
CP: Continuity	Pass

**Additional Costs**

LABOR: Labor: 2 Men (1 hours)

**Comments**

Cathodic protection is inconclusive because of the rectifier kept on tripping when trying to due the test.  
 Additional labor for extended testing time.

**James Gallagher**  
 Petro-Tite Line Testing #PAC01051203090 (Exp:  
 12/03/2009)  
 Cathodic Protection Testing Training: CorPreTek

**Brian Hall**



**Petro Tite Line Test**

Line Number:	001		
Grade:	Regular	Net Volume Change:	0.00000 gph
Material:	Fiberglass	<b>Bleedback</b>	
Total Line Length:	100 ft.	$(PL \times Ba) + (FC \times Bb) + B = N$	
Diameter:	2 in.	$(100 \times 0.00000) + (3 \times 0.006) + 0.05 = 0.068 \text{ gals}$	
Testing Line Length:	100		
Dispenser Range	all		
Wall:	Single	Allowable (gal):	0.06800
Pump Manufac:	Red Jacket	Measured (gal):	0.03800
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1200	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1230	Started line test	0.0	60.0	0.0000	0.0310	0.0000	
1245	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
1300	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
	Bleed Back	60.0	0.0	0.0310	0.0690	0.0380	

**Petro Tite Line Test**

Line Number:	002		
Grade:	Plus	Net Volume Change:	0.00000 gph
Material:	Fiberglass	<b>Bleedback</b>	
Total Line Length:	100 ft.	$(PL \times Ba) + (FC \times Bb) + B = N$	
Diameter:	2 in.	$(100 \times 0.00000) + (3 \times 0.006) + 0.05 = 0.068 \text{ gals}$	
Testing Line Length:	100		
Dispenser Range	all		
Wall:	Single	Allowable (gal):	0.06800
Pump Manufac:	Red Jacket	Measured (gal):	0.04700
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1200	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1230	Started line test	0.0	60.0	0.0000	0.0310	0.0000	
1245	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
1300	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
	Bleed Back	60.0	0.0	0.0310	0.0780	0.0470	



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

5703 Holland Rd.  
 Suffolk, VA 23434

**Customer Copy**  
 Site #USP5703 / WO #200797  
 Fri Apr 4th, 2008

**Petro Tite Line Test**

Line Number:	003		
Grade:	Premium	Net Volume Change:	0.00000 gph
Material:	Fiberglass	<b>Bleedback</b>	
Total Line Length:	100 ft.	$(PL \times Ba) + (FC \times Bb) + B = N$	
Diameter:	2 in.	$(100 \times 0.00000) + (3 \times 0.006) + 0.05 = 0.068 \text{ gals}$	
Testing Line Length:	100		
Dispenser Range	all		
Wall:	Single	Allowable (gal):	0.06800
Pump Manufac:	Red Jacket	Measured (gal):	0.04300
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1200	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1230	Started line test	0.0	60.0	0.0000	0.0310	0.0000	
1245	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
1300	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
	Bleed Back	60.0	0.0	0.0310	0.0740	0.0430	



Petro Tite Leak Detector Test		Petro Tite Leak Detector Test	
Leak Detector Number:	001	Leak Detector Number:	002
Grade:	Regular	Grade:	Plus
Dispenser Range:	all	Dispenser Range:	all
Make:	FE-Petro	Make:	FE-Petro
Model:	STP-MLD	Model:	STP-MLD
Serial #	not visible	Serial #	not visible
<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic	<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic
Test Conducted at Dispenser #:	1/2	Test Conducted at Dispenser #:	1/2
Submersible Pump Operating Pressure (psi):	22	Submersible Pump Operating Pressure (psi):	22
Check Valve Holding Pressure (psi):	15	Check Valve Holding Pressure (psi):	22
Bleedback Check (gallons):	.0100	Bleedback Check (gallons):	.0120
Mechanical Line Leak Detector Step-Through Time (seconds):	4	Mechanical Line Leak Detector Step-Through Time (seconds):	4
**Note: not applicable for electronic line leak detectors		**Note: not applicable for electronic line leak detectors	
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive		Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.		Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

Petro Tite Leak Detector Test	
Leak Detector Number:	003
Grade:	Premium
Dispenser Range:	all
Make:	Red Jacket
Model:	FX1V
Serial #	not visible
<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic
Test Conducted at Dispenser #:	1/2
Submersible Pump Operating Pressure (psi):	25
Check Valve Holding Pressure (psi):	24
Bleedback Check (gallons):	.0130
Mechanical Line Leak Detector Step-Through Time	



(seconds): **Note: not applicable for electronic line leak detectors	2
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	



**Crompco, LLC**  
1815 Gallagher Road  
Plymouth Meeting, PA 19462

**USP-NJPO**  
Phone: (610) 278-7203  
FAX: 610-278-7621

5703 Holland Rd.  
Suffolk, VA 23434

**Customer Copy**  
Site #USP5703 / WO #200797  
Fri Apr 4th, 2008

**CP Test: Continuity**

**CP System On/Off:**

- Unknown  
 On  
 Off

**Junction Box with Annode Shunts (ICCP Only)**

- Unknown  
 Yes  
 No

**Fixed Reference Cell Location:**

grass behind building

Structure Tested	Structure-to-Soil Potential Using Fixed Reference Cell	Instant Off
STP regular	-1243 mv	-872 mv
STP plus	-1217 mv	-832 mv
STP premium	-1217 mv	-827 mv
Vent	-1220 mv	-823 mv
Flex @ Dispenser	-1102 mv	-761 mv
Flex @ Dispenser	-1107 mv	-759 mv
antenna tower	-1102 mv	-761 mv



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**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

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5703 Holland Rd.  
Suffolk, VA 23434

**Customer Copy**  
Site #USP5703 / WO #200797  
Fri Apr 4th, 2008

**Cathodic Protection: Rectifier Info**

<b>Location of Rectifier:</b>	outside wall of garage
<b># of Anodes:</b>	unknown
<b>Rectifier Manufacturer:</b>	ILFC
<b>DC OUTPUT (volts):</b>	unknown
<b>DC OUTPUT (amps):</b>	unknown
<b>Tap Settings:</b>	coarse B

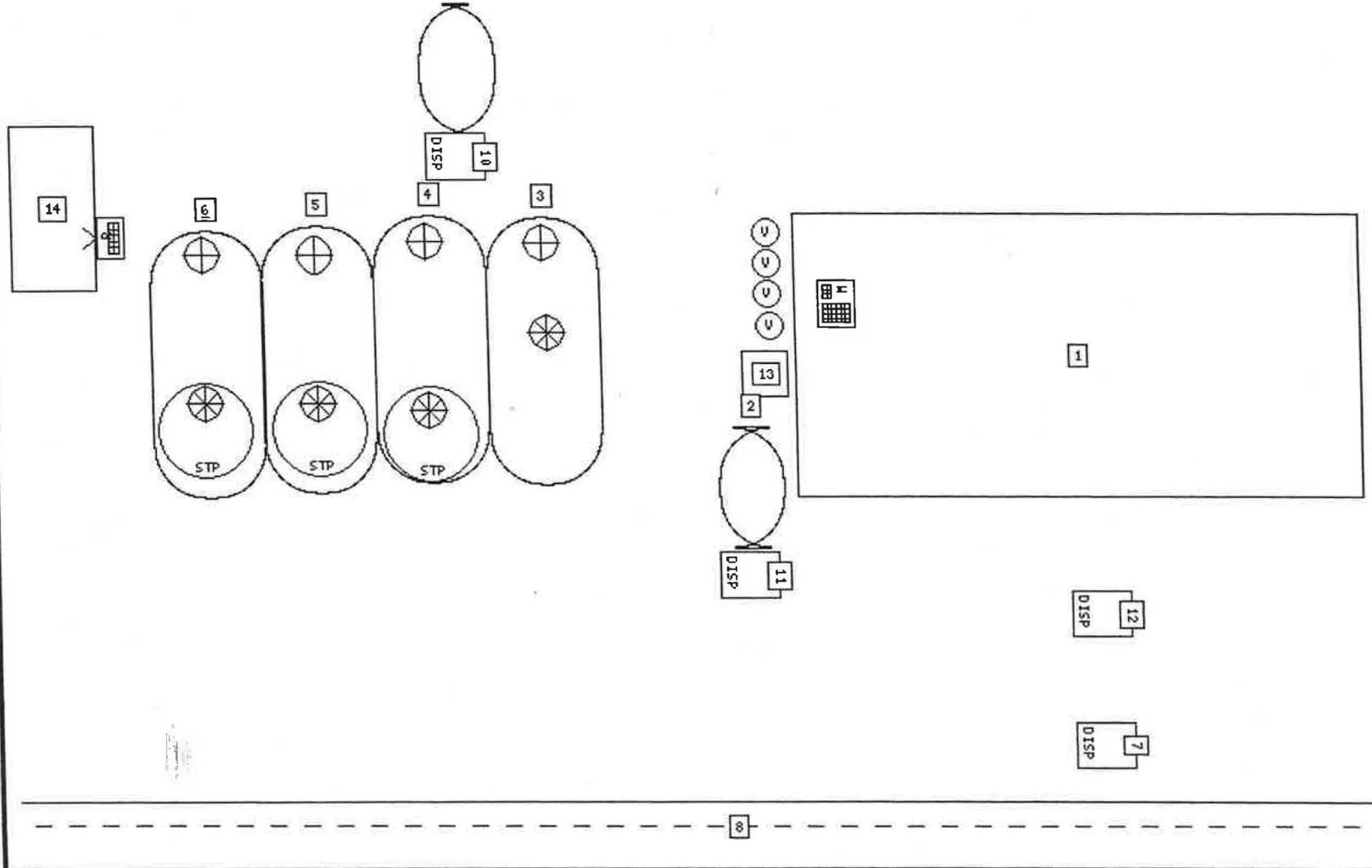




# LOCATION DIAGRAM

Date: 2008-04-04  
 Work Order #: 200797  
 Location #: USP5703

Anode	CP Test Station	Emergency Stop	Interstitial	Remote Dry Brake	Temp Well Installed
ATG	Drop Tank	Extractor	Monitor	Remote Fill	Vent
Circuit Breaker	Dry Brake	Fill	Overfill Alarm	Riser	Well
CP Junction Box	DW Fill	Fixed Ref. Cell	Rectifier	Stage 1 W / Extractor	Containment Sump





**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

5703 Holland Rd.  
Suffolk, VA 23434

**Customer Copy**  
Site #USP5703 / WO #200797  
Fri Apr 4th, 2008

**Site Diagram Labels**

- 1: Block - Pure Food Mart
- 2: Tank - Aboveground Kerosene
- 3: Tank - Regular Slave 004
- 4: Tank - Regular Master 003
- 5: Tank - Premium 001
- 6: Tank - Plus 002
- 7: Dispenser - MPD 3 - 4
- 8: Road - Holland Road (US 58)
- 9: Tank - Aboveground Diesel
- 10: Dispenser - Diesel
- 11: Dispenser - Kerosene
- 12: Dispenser - MPD 1 - 2
- 13: Block - antena tower
- 14: Block - garage





10 hr travel

1815 Callaghan Road | Plymouth Meeting, PA 19462 | (610) 278-7702 | FAX 278-1624

CROMPCO CORPORATION WORK VERIFICATION

DATE 4/4/08

STATION NUMBER USP 5703

WORK ORDER NUMBER 200797

ADDRESS Pure Food Mart

5703 Indiana Rd

Suffolk VA 23421

201-866-9000

ARRIVAL TIME

DEPARTURE TIME

TOTAL HOURS ON SITE

1230

1530

5

WORK PERFORMED

Lines LD<sup>2</sup> - CP. testing

TOTAL ADDITIONAL LABOR HOURS

PARTS REPLACED

none

DISPENSER NUMBER AND PRODUCT IF NOZZLES REPLACED

TOTAL GALLONS DISPENSED PER PRODUCT PER DISPENSER

TOTAL DOLLARS DISPENSED PER PRODUCT PER DISPENSER

DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT

DEALER OR MANAGER SIGNATURE

X [Signature]



**Attachment 6**

May 11, 2010 Post Inspection Information:  
February 1, 2008 LLDT/LTT  
April 4, 2008 LDDT/LTT/CP Test  
March 24, 2009 LDDT/LTT





Fwd: Crompco Test Results: Work Order #198984

t  
Ezgi Kiriscioglu o Andrew Ma  
:

05/11/2010 11:57 AM

---

----- Forwarded message -----

From: **Jennifer Foster** <[jennifer.foster@crompco.com](mailto:jennifer.foster@crompco.com)>

Date: Tue, May 11, 2010 at 11:47 AM

Subject: Crompco Test Results: Work Order #198984

To: [ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com), "[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)" <[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)>

Please see attachment.

--

Ezgi Kiriscioglu

P: 201-866-9000



F: 201-866-9006 Crompco\_Results\_SUSP5703\_WO198984.html





**IMPORTANT LEGAL DOCUMENTS**

February 20th, 2008

Pure Food Mart #USP5703  
5703 Holland Rd.  
Suffolk, VA 23434

Re:  
2008 Compliance Test Results  
Crompco Work Order #198984  
Test Performed on Fri Feb 1st, 2008

Dear Station Manager (Facility #USP5703):

Enclosed are the 2008 Compliance Test Results for testing performed by Crompco for USP-NJPO. These test results are **important legal documents** that are required to be retained at your facility in the "Environmental Compliance Binder" in case an inspection would occur by a state or local agency. Upon receipt, please put the results in the binder as requested by USP-NJPO.

The 2008 compliance tests performed at your facility are indicated below. For specific testing detail, please refer to the enclosed test report.

Tank(s)
Line(s) and/or Leak Detector(s)
Cathodic Protection
Monitor Inspection
Vapor Recovery
Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Jennifer Foster or Sue Hickey of Crompco at 1-800-646-3161.

Sincerely,

*Jennifer Foster*

Jennifer Foster  
Compliance Administrator

EPA 125



**CERTIFICATE OF UNDERGROUND STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

Phone: (610) 278-7203  
 Fax: (610) 278-7621

<b>Work Order #198984</b>	<b>Client Information</b>	<b>Station #USP5703</b>
<b>Date:</b> Fri Feb 1st, 2008 <b>Reason:</b> Compliance	New Jersey Petroleum Organization (Accounts Payable) <b>Invoice #</b> 189891 <b>Permit#</b> <b>P.O.#</b>	USP-NJPO 5703 Holland Rd. Suffolk, VA 23434 <b>County:</b> Isle Of Wight
Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.		
<b>Additional Costs</b>		
<b>EXPENSES: CANCELLATION FEE</b>		
<b>Comments</b>		
Cancelled test because the water is covering the STP pumps.		

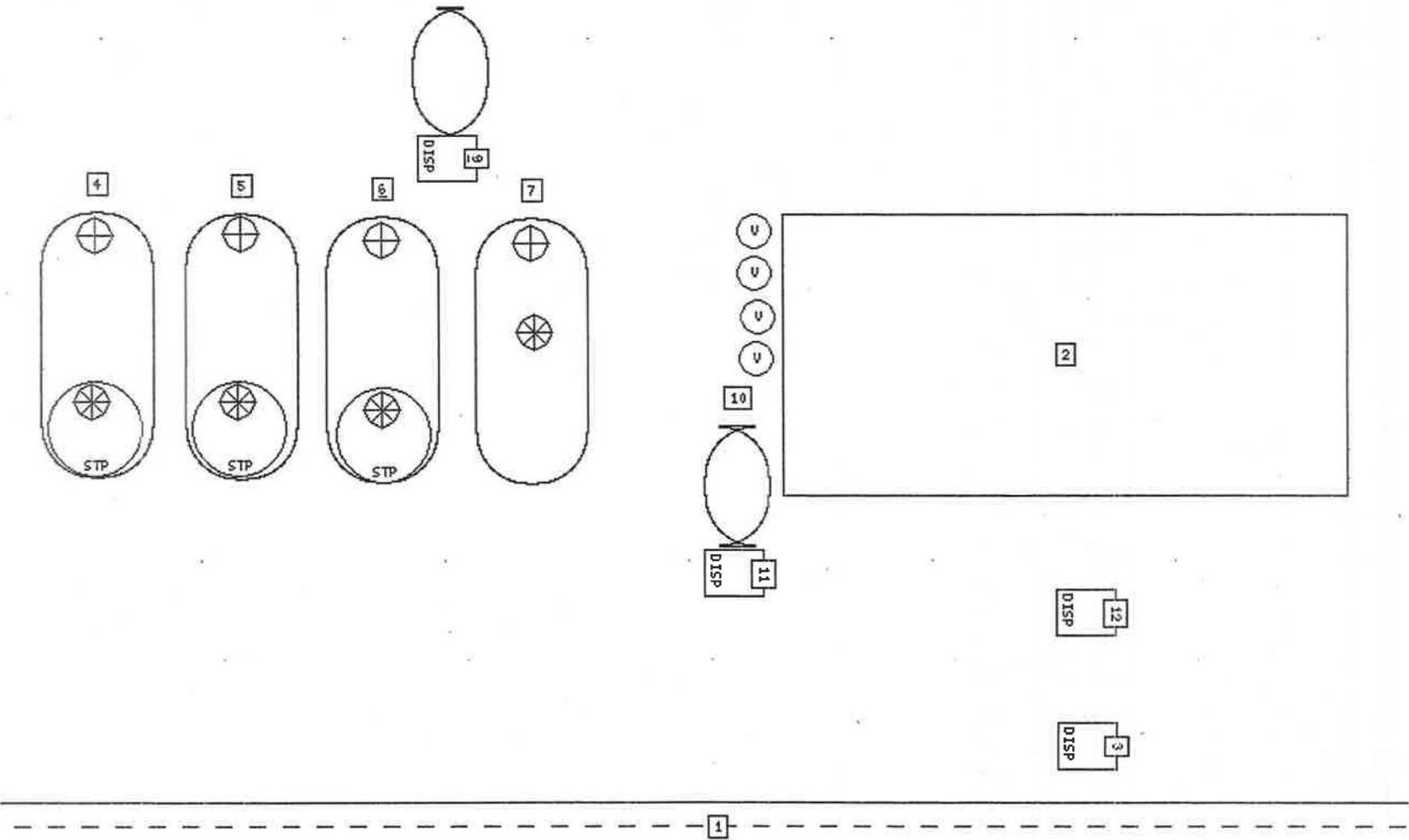
**James Gallagher**

**Brian Hall**



**Date:** 2008-02-01  
**Work Order #:** 198984  
**Location #:** USP5703

Remote Fill	ATG	Road	Fixed Reference Cell	Circuit Breaker	Vent	Overfill Alarm
Dry Brake	Emergency Stop	Block	Stage 1 w/ Extractor	Interstitial	Containment Sump	Dispenser
Riser	Fill	STP	CP Test Station	Temp Well Installed	Monitor	Rectifier
Anode	Extractor	CP Junction Box	Flapper Direction	Compass	Well	Drop Tank
			Tank	Manway	DW Fill	Remote Dry Brake



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

5703 Holland Rd. **Facility/Agency Copy**  
Suffolk, VA 23434 Site #USP5703 / WO #198984  
Fri Feb 1st, 2008

**Site Diagram Labels**

- 1: Road - Holland Road (US 58)
- 2: Block - Pure Food Mart
- 3: Dispenser - MPD 3 - 4
- 4: Tank - Plus 002
- 5: Tank - Premium 001
- 6: Tank - Regular Master 003
- 7: Tank - Regular Slave 004
- 8: Tank - Aboveground Diesel
- 9: Dispenser - Diesel
- 10: Tank - Aboveground Kerosene
- 11: Dispenser - Kerosene
- 12: Dispenser - MPD 1 - 2

Scanned Paperwork, Page #1



8 1/2 travel

1815 Gallagher Road | Plymouth Meeting, PA 19462 | (610) 278-7203 | FAX 278-7621

CROMPCO CORPORATION WORK VERIFICATION

DATE 2/1/08

STATION NUMBER USP5703

WORK ORDER NUMBER 198984

ADDRESS Pure Foot Mass

5203 Holland Rd

Suffolk, VA 23134

201 866 9800

ARRIVAL TIME

DEPARTURE TIME

TOTAL HOURS ON SITE

11:15

12:00

7/4

WORK PERFORMED

Cancelled test

TOTAL ADDITIONAL LABOR HOURS

PARTS REPLACED

DISPENSER NUMBER AND PRODUCT IF NOZZLES REPLACED

TOTAL GALLONS DISPENSED PER PRODUCT PER DISPENSER

TOTAL DOLLARS DISPENSED PER PRODUCT PER DISPENSER

DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT

DEALER OR MANAGER SIGNATURE

*John Stanger*

UNDERGROUND TANK & LINE TESTING

EPA 129



Fwd: Crompco Test Results: Work Order #200797

t  
Ezgi Kiriscioglu o Andrew Ma  
:

05/11/2010 12:13 PM

----- Forwarded message -----

From: **Jennifer Foster** <[jennifer.foster@crompco.com](mailto:jennifer.foster@crompco.com)>

Date: Tue, May 11, 2010 at 11:46 AM

Subject: Crompco Test Results: Work Order #200797

To: [ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com), "[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)" <[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)>

Please see attachment.

--

Ezgi Kiriscioglu

P: 201-866-9000



F: 201-866-9006 Crompco\_Results\_SUSP5703\_WO200797.html





**IMPORTANT LEGAL DOCUMENTS**

April 21st, 2008

Pure Food Mart #USP5703  
5703 Holland Rd.  
Suffolk, VA 23434

Re:  
2008 Compliance Test Results  
Crompco Work Order #200797  
Test Performed on Fri Apr 4th, 2008

Dear Manager (Facility #USP5703):

Enclosed are the 2008 Compliance Test Results for testing performed by Crompco for USP-NJPO. These test results are **important legal documents** that are required to be retained at your facility in the "Environmental Compliance Binder" in case an inspection would occur by a state or local agency. Upon receipt, please put the results in the binder as requested by USP-NJPO.

The 2008 compliance tests performed at your facility are indicated below. For specific testing detail, please refer to the enclosed test report.

	Tank(s)
X	Line(s) and/or Leak Detector(s)
X	Cathodic Protection
	Monitor Inspection
	Vapor Recovery
	Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Jennifer Foster or Sue Hickey of Crompco at 1-800-646-3161.

Sincerely,

*Jennifer Foster*

Jennifer Foster  
Compliance Administrator

**EPA 131**



**CERTIFICATE OF UNDERGROUND STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

Phone: (610) 278-7203  
 Fax: (610) 278-7621

<b>Work Order #200797</b>		<b>Client Information</b>		<b>Location #USP5703</b>	
<b>Date:</b> Fri Apr 4th, 2008 <b>Reason:</b> Compliance		New Jersey Petroleum Organization (Accounts Payable) <b>Invoice #</b> 195829 <b>Permit#</b> <b>P.O.#</b>		USP-NJPO 5703 Holland Rd. Suffolk, VA 23434 <b>County:</b> Isle Of Wight	
Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.					
<b>Lines</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
001 (all)	Regular	Petro-tite Line	Pass		
002 (all)	Plus	Petro-tite Line	Pass		
003 (all)	Premium	Petro-tite Line	Pass		
<b>Leak Detectors</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
001	Regular	Leak Detector	Pass		
002	Plus	Leak Detector	Pass		
003	Premium	Leak Detector	Pass		
<b>Miscellaneous Inspections</b>					
<b>Test</b>			<b>Result</b>		
CP: Rectifier Info			Completed		
CP: Continuity			Pass		
<b>Additional Costs</b>					
LABOR: Labor: 2 Men (1 hours)					
<b>Comments</b>					
Cathodic protection is inconclusive because of the rectifier kept on tripping when trying to due the test. Additional labor for extended testing time.					

**James Gallagher**  
**Petro-Tite Line Testing #PAC01051203090 (Exp:**  
**12/03/2009)**  
**Cathodic Protection Testing Training: CorPreTek**

**Brian Hall**

EPA 132

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

5703 Holland Rd. **Facility/Agency Copy**  
 Suffolk, VA 23434 Site #USP5703 / WO #200797  
 Fri Apr 4th, 2008

**Petro Tite Line Test**

Line Number:	001	Net Volume Change:		0.00000 gph			
Grade:	Regular	<b>Bleedback</b>					
Material:	Fiberglass	(PL X Ba) + (FC X Bb) + B = N					
Total Line Length:	100 ft.	(100 x 0.00000) + (3 x 0.006) + 0.05 = 0.068 gals					
Diameter:	2 in.						
Testing Line Length:	100						
Dispenser Range	all						
Wall:	Single	Allowable (gal):	0.06800				
Pump Manufac:	Red Jacket	Measured (gal):	0.03800				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1200	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1230	Started line test	0.0	60.0	0.0000	0.0310	0.0000	
1245	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
1300	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
	Bleed Back	60.0	0.0	0.0310	0.0690	0.0380	

**Petro Tite Line Test**

Line Number:	002	Net Volume Change:		0.00000 gph			
Grade:	Plus	<b>Bleedback</b>					
Material:	Fiberglass	(PL X Ba) + (FC X Bb) + B = N					
Total Line Length:	100 ft.	(100 x 0.00000) + (3 x 0.006) + 0.05 = 0.068 gals					
Diameter:	2 in.						
Testing Line Length:	100						
Dispenser Range	all						
Wall:	Single	Allowable (gal):	0.06800				
Pump Manufac:	Red Jacket	Measured (gal):	0.04700				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1200	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1230	Started line test	0.0	60.0	0.0000	0.0310	0.0000	
1245	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
1300	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
	Bleed Back	60.0	0.0	0.0310	0.0780	0.0470	

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

5703 Holland Rd. **Facility/Agency Copy**  
 Suffolk, VA 23434 Site #USP5703 / WO #200797  
 Fri Apr 4th, 2008

**Petro Tite Line Test**

Line Number:	003						
Grade:	Premium	Net Volume Change:	0.00000 gph				
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	100 ft.	$(PL \times Ba) + (FC \times Bb) + B = N$					
Diameter:	2 in.	$(100 \times 0.00000) + (3 \times 0.006) + 0.05 = 0.068 \text{ gals}$					
Testing Line Length:	100						
Dispenser Range	all						
Wall:	Single	Allowable (gal):	0.06800				
Pump Manufac:	Red Jacket	Measured (gal):	0.04300				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1200	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1230	Started line test	0.0	60.0	0.0000	0.0310	0.0000	
1245	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
1300	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
	Bleed Back	60.0	0.0	0.0310	0.0740	0.0430	

EPA 134

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

5703 Holland Rd. **Facility/Agency Copy**  
 Suffolk, VA 23434 Site #USP5703 / WO #200797  
 Fri Apr 4th, 2008

**Petro Tite Leak Detector Test**

**Petro Tite Leak Detector Test**

Leak Detector Number:	001	Leak Detector Number:	002
Grade:	Regular	Grade:	Plus
Dispenser Range:	all	Dispenser Range:	all
Make:	FE-Petro	Make:	FE-Petro
Model:	STP-MLD	Model:	STP-MLD
Serial #	not visible	Serial #	not visible
<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic	<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic
Test Conducted at Dispenser #:	1/2	Test Conducted at Dispenser #:	1/2
Submersible Pump Operating Pressure (psi):	22	Submersible Pump Operating Pressure (psi):	22
Check Valve Holding Pressure (psi):	15	Check Valve Holding Pressure (psi):	22
Bleedback Check (gallons):	.0100	Bleedback Check (gallons):	.0120
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	4	Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	4
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive		Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.		Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

**Petro Tite Leak Detector Test**

Leak Detector Number:	003
Grade:	Premium
Dispenser Range:	all
Make:	Red Jacket
Model:	FX1V
Serial #	not visible
<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic
Test Conducted at Dispenser #:	1/2

EPA 135

Submersible Pump Operating Pressure (psi):	25
Check Valve Holding Pressure (psi):	24
Bleedback Check (gallons):	.0130
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	2
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

5703 Holland Rd. **Facility/Agency Copy**  
 Suffolk, VA 23434 Site #USP5703 / WO #200797  
 Fri Apr 4th, 2008

CP Test: Continuity		
<b>CP System On/Off:</b>		<b>Junction Box with Annode Shunts (ICCP Only)</b>
<input type="checkbox"/> Unknown		<input checked="" type="checkbox"/> Unknown
<input checked="" type="checkbox"/> On		<input type="checkbox"/> Yes
<input type="checkbox"/> Off		<input type="checkbox"/> No
<b>Fixed Reference Cell Location:</b>		
grass behind building		
<b>Structure Tested</b>	<b>Structure-to-Soil Potential Using Fixed Reference Cell</b>	<b>Instant Off</b>
STP regular	-1243 mv	-872 mv
STP plus	-1217 mv	-832 mv
STP premium	-1217 mv	-827 mv
Vent	-1220 mv	-823 mv
Flex @ Dispenser	-1102 mv	-761 mv
Flex @ Dispenser	-1107 mv	-759 mv
antenna tower	-1102 mv	-761 mv

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

5703 Holland Rd. **Facility/Agency Copy**  
Suffolk, VA 23434 Site #USP5703 / WO #200797  
Fri Apr 4th, 2008

<b>Cathodic Protection: Rectifier Info</b>	
<b>Location of Rectifier:</b>	outside wall of garage
<b># of Anodes:</b>	unknown
<b>Rectifier Manufacturer:</b>	ILFC
<b>DC OUTPUT (volts):</b>	unknown
<b>DC OUTPUT (amps):</b>	unknown
<b>Tap Settings:</b>	coarse B



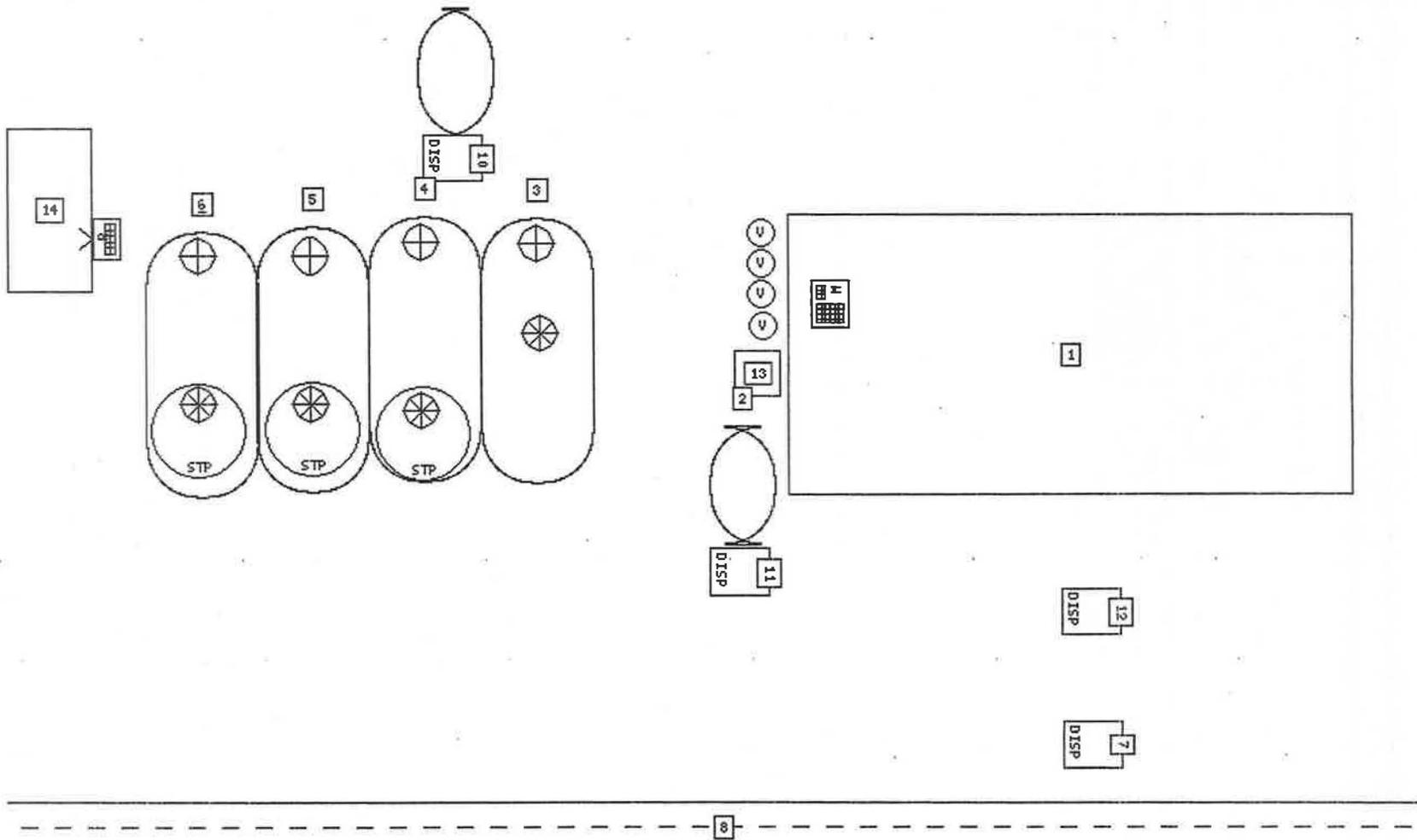
**CROMPCO**

**Date:** 2008-04-04

**Work Order #:** 200797

**Location #:** USP5703

Remote Fill	ATG	Road	Fixed Reference Cell	Circuit Breaker	Vent	Overfill Alarm
Dry Brake	Emergency Stop	Block	Stage 1 w/ Extractor	Interstitial	Containment Sump	Dispenser
Riser	Anode	Fill	CP Test Station	Temp Well Installed	Monitor	Rectifier
Extractor	STP	CP Junction Box	Flapper Direction	Compass	Well	Drop Tank
			Tank	Manway	DW Fill	Remote Dry Brake



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

5703 Holland Rd. **Facility/Agency Copy**  
Suffolk, VA 23434 Site #USP5703 / WO #200797  
Fri Apr 4th, 2008

**Site Diagram Labels**

- 1: Block - Pure Food Mart
- 2: Tank - Aboveground Kerosene
- 3: Tank - Regular Slave 004
- 4: Tank - Regular Master 003
- 5: Tank - Premium 001
- 6: Tank - Plus 002
- 7: Dispenser - MPD 3 - 4
- 8: Road - Holland Road (US 58)
- 9: Tank - Aboveground Diesel
- 10: Dispenser - Diesel
- 11: Dispenser - Kerosene
- 12: Dispenser - MPD 1 - 2
- 13: Block - antena tower
- 14: Block - garage

Scanned Paperwork, Page #1



10 hr travel

1815 Gallagher Road | Plymouth Meeting, PA 19462 | (610) 278-7203 | FAX 278-7621

CROMPCO CORPORATION WORK VERIFICATION

DATE 4/4/08

STATION NUMBER USP5703

WORK ORDER NUMBER 200797

ADDRESS Pura Food Mart

5703 Hollman Rd

Suffolk VA 23434

201-866-9000

ARRIVAL TIME

DEPARTURE TIME

TOTAL HOURS ON SITE

1230

1530

5

WORK PERFORMED

LIQDS - LD<sup>2</sup> - CP testing

TOTAL ADDITIONAL LABOR HOURS

PARTS REPLACED

NONE

DISPENSER NUMBER AND PRODUCT IF NOZZLES REPLACED

TOTAL GALLONS DISPENSED PER PRODUCT PER DISPENSER

TOTAL DOLLARS DISPENSED PER PRODUCT PER DISPENSER

DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT

DEALER OR MANAGER SIGNATURE

X [Signature]

UNDERGROUND TANK & LINE TESTING



Fwd: Crompco Test Results: Work Order #223099

Ezgi Kiriscioglu o Andrew Ma

05/11/2010 12:19 PM

----- Forwarded message -----

From: **Jennifer Foster** <[jennifer.foster@crompco.com](mailto:jennifer.foster@crompco.com)>

Date: Tue, May 11, 2010 at 11:46 AM

Subject: Crompco Test Results: Work Order #223099

To: [ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com), "[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)" <[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)>

Please see attachment.

--  
Ezgi Kiriscioglu

P: 201-866-9000



F: 201-866-9006 [Crompco\\_Results\\_SUSP5703\\_WO223099.html](#)





**IMPORTANT LEGAL DOCUMENTS**

April 8th, 2009

Pure Food Mart #USP5703  
5703 Holland Rd.  
Suffolk, VA 23434

Re:  
2009 Compliance Test Results  
Crompco Work Order #223099  
Test Performed on Tue Mar 24th, 2009

Dear Manager (Facility #USP5703):

Enclosed are the 2009 Compliance Test Results for testing performed by Crompco. These test results are **important legal documents** that are required to be retained at your facility in the "Environmental Compliance Binder" in case an inspection would occur by a state or local agency. Upon receipt, please put the results in the binder as requested.

The 2009 compliance tests performed at your facility are indicated below. For specific testing detail, please refer to the enclosed test report.

Tank(s)
Line(s) and/or Leak Detector(s)
Cathodic Protection
Monitor Inspection
Vapor Recovery
Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Crompco at 1-800-646-3161.

Sincerely,

Francyne Klein  
Compliance Administrator

EPA 143



**CERTIFICATE OF UNDER GROUND STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
 1815 Gallagher Road  
 Plymouth Meeting, PA 19462

**Phone:** (610) 278-7203  
**Fax:** (610) 278-7621

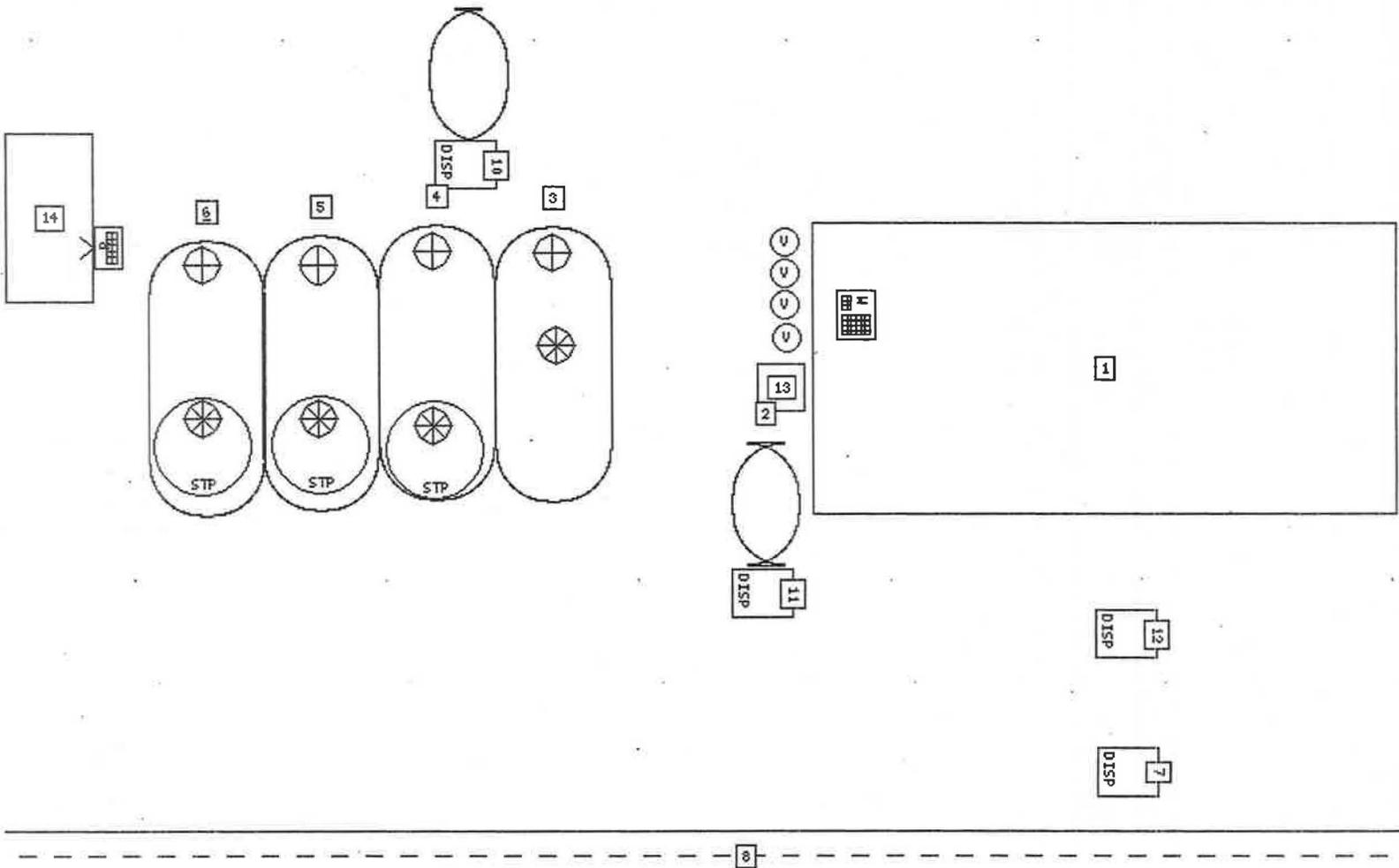
<b>Work Order #223099</b>	<b>Client Information</b>	<b>Location #USP5703</b>
<b>Date:</b> Tue Mar 24th, 2009 <b>Reason:</b> Compliance	New Jersey Petroleum Organization (Accounts Payable) <b>Invoice #</b> 223437 <b>Permit#</b> <b>P.O.#</b>	Pure Food Mart 5703 Holland Rd. Suffolk, VA 23434 <b>County:</b> Isle Of Wight
Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.		
<b>Additional Costs</b>		
<b>EXPENSES: CANCELLATION FEE</b>		
<b>Comments</b>		
Could not perform testing because water was coving all the sumps.		

**James Gallagher**

**Brian Hall**

		 Remote Fill  Dry Brake	 ATG  Emergency Stop  Riser  Anode  Extractor	 Road  Block  Fill  STP  CP Junction Box	 Fixed Reference Cell  Stage 1 w/ Extractor  CP Test Station  Flapper Direction  Tank	 Circuit Breaker  Interstitial  Temp Well Installed  Compass  Manway	 Vent  Containment Sump  Monitor  Well  DW Fill	 Overfill Alarm  Dispenser  Rectifier  Drop Tank  Remote Dry Brake
---	--	--	--	---	--	---	--	---

**Date:** 2009-03-24  
**Work Order #:** 223099  
**Location #:** USP5703



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Pure Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

5703 Holland Rd.  
Suffolk, VA 23434

**Facility/Agency Copy**  
Site #USP5703 / WO #223099  
Tue Mar 24th, 2009

**Site Diagram Labels**

- 1: Block - Pure Food Mart
- 2: Tank - Aboveground Kerosene
- 3: Tank - Regular Slave 004
- 4: Tank - Regular Master 003
- 5: Tank - Premium 001
- 6: Tank - Plus 002
- 7: Dispenser - MPD 3 - 4
- 8: Road - Holland Road (US 58)
- 9: Tank - Aboveground Diesel
- 10: Dispenser - Diesel
- 11: Dispenser - Kerosene
- 12: Dispenser - MPD 1 - 2
- 13: Block - antena tower
- 14: Block - garage

Scanned Paperwork, Page #1



2 hr travel

1815 Gallagher Road | Plymouth Meeting, PA 19462 | (610) 278-7203 | FAX 278-7621

CROMPCO CORPORATION WORK VERIFICATION

DATE 3/24/09

STATION NUMBER USP 5703

WORK ORDER NUMBER 223099

ADDRESS Pure Food mart

5703 Holland Rd

Suffolk, VA 23434

201-866-9000

ARRIVAL TIME

DEPARTURE TIME

TOTAL HOURS ON SITE

1330

1430

1

WORK PERFORMED

no testing performed - water needs to be pumped out from around tank in order to test. cancelled test

TOTAL ADDITIONAL LABOR HOURS

PARTS REPLACED

DISPENSER NUMBER AND PRODUCT IF NOZZLES REPLACED

TOTAL GALLONS DISPENSED PER PRODUCT PER DISPENSER

TOTAL DOLLARS DISPENSED PER PRODUCT PER DISPENSER

DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT

DEALER OR MANAGER SIGNATURE

*Kevin Sawyer*

UNDERGROUND TANK & LINE TESTING

R

**Attachment 7**

May 13, 2010 Post Inspection Information:  
Documentation of Financial Assurance coverage from 10/20/05 to 10/20/06 &  
10/20/06 to 10/20/07.



Fwd: Aylin Inc. & Franklin Eagle Mart  
Ezgi Kiriscioglu  
to:  
Andrew Ma  
05/13/2010 02:56 PM  
Show Details

----- Forwarded message -----  
From: **Shelly Hesbol** <[shesbol.lacke02@insuremail.net](mailto:shesbol.lacke02@insuremail.net)>  
Date: Thu, May 13, 2010 at 2:15 PM  
Subject: Aylin Inc. & Franklin Eagle Mart  
To: [ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)

Ezgi,

Attached are the dec pages for Aylin Inc. for 2005-2006 & 2006-2007 for Underground Storage Tank Liability.

My file for Franklin Eagle Mart goes back to 2005 and I do not see any policies for Underground Storage Tank Liability in the file. Anything past 2005 would be in deep storage and would require a search through all our old files.

Thank you,

Shelly

Shelly A. Hesbol, ACSR, AIS

Assistant Manager /

Senior Commercial Accounts Agent

EPA 149

Lackey Saunders Co., Inc.

20 S. King St.

Hampton, VA 23669

(OFFICE): 757-722-1961 Ext 225

(FAX): 757-723-7830

(TOLL FREE): 877-722-1961

(EMAIL): [shesbol.LACKE02@insuremail.net](mailto:shesbol.LACKE02@insuremail.net)

(WEBSITE): [www.lackeyasaunders.com](http://www.lackeyasaunders.com)

**CONFIDENTIALITY NOTICE:**

This message (including any attachments) contains information that may be confidential. Unless you are the intended recipient (or authorized to receive for the intended recipient), you may not read, print, retain, use, copy, distribute, or disclose to anyone the message or any information contained in message. If you have received the message in error, please advise sender, and destroy all copies of the original (including any attachments).

---

Ezgi Kiriscioglu

P: 201-866-9000

F: 201-866-9006

**EPA 150**

**COMMON POLICY DECLARATIONS**

SAH  
3/17/06

**COLONY SPECIALTY INSURANCE COMPANY**

**9201 FOREST HILL AVE.  
SUITE 200  
RICHMOND, VA 23235**

**POLICY NUMBER**  
PP209127

**RENEWAL OF:**  
NEW

**1. NAMED INSURED AND MAILING ADDRESS:**

AYLIN, INC.  
DBA: AMOCO FOOD SHOP  
2264 ROUTE 112  
MEDFORD, NY 11763

**PRODUCER: 45001**

ALL RISKS LTD (VA)  
9030 STONY PT. PKWY., #230  
RICHMOND, VA 23235

**2. POLICY PERIOD:** From 10/20/2005 to 10/20/2006 12:01 A.M. Standard Time at your Mailing Address above.

IN RETURN FOR THE PAYMENT OF THE PREMIUM, AND SUBJECT TO ALL OF THE TERMS OF THIS POLICY, WE AGREE WITH YOU TO PROVIDE THE INSURANCE AS STATED IN THIS POLICY.

**3. THIS POLICY CONSISTS OF THE FOLLOWING COVERAGE PARTS FOR WHICH A PREMIUM IS INDICATED. THIS PREMIUM MAY BE SUBJECT TO ADJUSTMENT.**

COVERAGE PARTS	PREMIUM
<p>STORAGE TANK POLLUTION LIABILITY COVERAGE PART</p> <p align="right">Taxes: \$139.32 Fees: \$150.00 AFVA: \$ 1.86</p> <p align="center">Premium charge for coverage of certified acts of terrorism (Per Policyholder Disclosure TRIA2002Notice-1202 attached.) <b>or</b> Coverage for certified acts of terrorism has been rejected; exclusion attached. (Per Policyholder Disclosure TRIA2002Notice-1202 attached.)</p> <p align="right">ISSUED 10/27/2005 KE</p>	<p>\$6,042.00</p>

**Premium shown is payable:**  
\$6,042.00 at inception.

**Total Policy Premium:** \$6,042.00

**4. FORMS APPLICABLE TO ALL COVERAGES:**

See Form U001 – Schedule of Forms and Endorsements

**5. BUSINESS DESCRIPTION: CONVENIENCE STORE**

**Countersigned:** \_\_\_\_\_  
Date

**By:** \_\_\_\_\_  
Authorized representative

**STORAGE TANK POLLUTION LIABILITY COVERAGE PART**

This coverage part consists of this Declarations form, the Storage Tank Pollution Corrective Action Costs And Liability Coverage Form and the endorsements indicated as applicable. (See COMMON POLICY DECLARATIONS for items 1 and 2.)

**POLICY NO.** PP209127  
**NAMED INSURED:** AYLIN, INC. DBA: AMOCO FOOD SHOP

**3. LIMITS OF INSURANCE**

Each Claim: \$1,000,000.00  
 Aggregate Policy Limit: \$2,000,000.00  
 Deductible (Each Claim): \$2,500.00

**RETROACTIVE DATE**

Retroactive Date: 10/20/2005 12:01 A.M. standard time at your mailing address shown in Item 1 of the Common Policy Declarations (Enter Date or "None" if no Retroactive Date Applies)

CLASSIFICATION	CODE NO.	PREMIUM BASIS	RATE	ADVANCE PREMIUM	
				PR / CO	ALL OTHER
GASOLINE STATIONS - SELF-SERVE	350-13454	Number of Tanks 6	INCL.		\$6,042.00

<b>4. FORMS / ENDORSEMENTS APPLICABLE:</b> See Schedule of Forms - U001 (11/98)	<b>TOTAL PREMIUM FOR THIS COVERAGE PART</b>	\$6,042.00
--	---	------------

**5. FORM OF BUSINESS:** CORPORATION  
 Audit Period: Annual unless otherwise stated: FLAT

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**SCHEDULE OF FACILITIES ENDORSEMENT  
STORAGE TANK POLLUTION LIABILITY COVERAGE**

It is agreed that coverage is provided for the "Storage Tank Systems" at the "Scheduled Facility(ies)" listed below:

SCHEDULED FACILITY(IES)  
SYSTEM(S)

NUMBER OF STORAGE TANK

5703 HOLLAND ROAD  
SUFFOLK, VA 23437

4 UNDERGROUND  
2 ABOVE GROUND

ALL OTHER TERMS AND CONDITIONS OF THE POLICY REMAIN UNCHANGED.

Insured: AYLIN, INC. DBA: AMOCO FOOD SHOP  
 Policy Number: PP209127

## SCHEDULE OF FORMS AND ENDORSEMENTS

Forms and Endorsements applying to and made part of this policy at the time of issuance:

NUMBER	TITLE
FORMS APPLICABLE -	COMMON POLICY DECLARATIONS
EU163B-0904	CERTIFIED ACTS OF TERRORISM AND OTHER ACTS OF TERRORISM EXCLUSION
U002-0904	MINIMUM POLICY PREMIUM
U094-0702	SERVICE OF SUIT
FORMS APPLICABLE -	STORAGE TANK POLLUTION LIABILITY COVERAGE PART
DCJ6553PP-1200	STORAGE TANK POLLUTION LIABILITY COVERAGE PART
E012-1200	BUSINESS INTERRUPTION COVERAGE
E023-1200	EARTH MOVEMENT EXCLUSION (ABOVE GROUND STORAGE TANKS)
E037-1200	STORAGE TANK REPAIR OR REPLACEMENT COST COVERAGE
E038-1200	SCHEDULE OF FACILITIES ENDORSEMENT-STORAGE TANK POLLUTION LIABILITY COVERAGE
E074CERTVA-0502	CERTIFICATE OF INSURANCE
E075VA-0601	AMENDATORY ENDORSEMENT - VIRGINIA CANCELLATION AND NON-RENEWAL
E091-0904	WAR EXCLUSION
IL0021EPP-0700	NUCLEAR ENERGY LIABILITY EXCLUSION ENDORSEMENT
PP-0701	STORAGE TANK POLLUTION LIABILITY POLICY

**COMMON POLICY DECLARATIONS**

**COLONY SPECIALTY INSURANCE COMPANY**

**8720 STONY POINT PARKWAY  
SUITE 300  
RICHMOND, VA 23235**

**POLICY NUMBER  
PP209127-1**

**RENEWAL OF:  
PP209127**

**1. NAMED INSURED AND MAILING ADDRESS:**

AYLIN, INC.  
DBA: AMOCO FOOD SHOP  
2264 ROUTE 112  
MEDFORD, NY 11763

**PRODUCER: 45001**

ALL RISKS LTD (VA)  
9030 STONY PT. PKWY., #230  
RICHMOND, VA 23235

*AF 3/5/07 3/6/07 MSW.*

**2. POLICY PERIOD: From 10/20/2006 to 10/20/2007 12:01 A.M. Standard Time at your Mailing Address above.**

IN RETURN FOR THE PAYMENT OF THE PREMIUM, AND SUBJECT TO ALL OF THE TERMS OF THIS POLICY, WE AGREE WITH YOU TO PROVIDE THE INSURANCE AS STATED IN THIS POLICY.

**3. THIS POLICY CONSISTS OF THE FOLLOWING COVERAGE PARTS FOR WHICH A PREMIUM IS INDICATED. THIS PREMIUM MAY BE SUBJECT TO ADJUSTMENT.**

COVERAGE PARTS	PREMIUM
STORAGE TANK POLLUTION LIABILITY COVERAGE PART	\$6,518.00
FEE:	\$150.00
TAX:	\$150.03
AFVA:	\$2.00
Premium charge for coverage of certified acts of terrorism (Per Policyholder Disclosure TRIA2002Notice-1202 attached.) or Coverage for certified acts of terrorism has been rejected; exclusion attached. (Per Policyholder Disclosure TRIA2002Notice-1202 attached.)	<input checked="" type="checkbox"/>
ISSUED 10/26/2006 EH	

Premium shown is payable:  
\$6,518.00 at inception.

**Total Policy  
Premium: \$6,518.00**

*3/6/07 MSW.*

**4. FORMS APPLICABLE TO ALL COVERAGES:**

**NO FLAT CANCELLATIONS PERMITTED  
25% FULLY EARNED PREMIUM AT INCEPTION**

See Form U001 – Schedule of Forms and Endorsements

**5. BUSINESS DESCRIPTION: CONVENIENCE STORE**

**THIS POLICY IS SUBJECT TO AUDIT.**

**Countersigned: \_\_\_\_\_ Date \_\_\_\_\_**  
**EXPOSURES GREATER THAN THOSE ESTIMATED ON**  
**THIS POLICY WILL RESULT IN ADDITIONAL PREMIUM**  
**WHICH WILL BE DUE AND PAYABLE UPON RECEIPT OF**  
**BILLING.**

*[Signature]*  
Authorized representative

**RECEIVED**

FEB 23 2007

**LACKEY SAUNDERS**

## STORAGE TANK POLLUTION LIABILITY COVERAGE PART

This coverage part consists of this Declarations form, the Storage Tank Pollution Corrective Action Costs And Liability Coverage Form and the endorsements indicated as applicable. (See COMMON POLICY DECLARATIONS for items 1 and 2.)

**POLICY NO.** PP209127

**NAMED INSURED:** AYLIN, INC. DBA: AMOCO FOOD SHOP

### 3. LIMITS OF INSURANCE

Each Claim:	\$1,000,000.00
Aggregate Policy Limit:	\$2,000,000.00
Deductible (Each Claim):	\$2,500.00

### RETROACTIVE DATE

Retroactive Date: 10/20/2005 12:01 A.M. standard time at your mailing address shown in Item 1 of the Common Policy Declarations  
(Enter Date or "None" if no Retroactive Date Applies)

CLASSIFICATION	CODE NO.	PREMIUM BASIS	RATE	ADVANCE PREMIUM	
				PR / CO	ALL OTHER
GASOLINE STATIONS - SELF-SERVE	350-13454	Number of Tanks 6	INCL.		\$6,518.00
<b>4. FORMS / ENDORSEMENTS APPLICABLE:</b> See Schedule of Forms - U001 (11/98)			<b>TOTAL PREMIUM FOR THIS COVERAGE PART</b>		\$6,518.00
<b>5. FORM OF BUSINESS:</b> CORPORATION					
Audit Period: Annual unless otherwise stated: FLAT					

Insured: AYLIN, INC. DBA: AMOCO FOOD SHOP  
 Policy Number: PP209127

## SCHEDULE OF FORMS AND ENDORSEMENTS

Forms and Endorsements applying to and made part of this policy at the time of issuance:

NUMBER	TITLE
FORMS APPLICABLE -	COMMON POLICY DECLARATIONS
EU163B-0904	CERTIFIED ACTS OF TERRORISM AND OTHER ACTS OF TERRORISM EXCLUSION
U002-0904	MINIMUM POLICY PREMIUM
U094-0702	SERVICE OF SUIT
FORMS APPLICABLE -	STORAGE TANK POLLUTION LIABILITY COVERAGE PART
DCJ6553PP-1200	STORAGE TANK POLLUTION LIABILITY COVERAGE PART
E012-1200	BUSINESS INTERRUPTION COVERAGE
E023-1200	EARTH MOVEMENT EXCLUSION (ABOVE GROUND STORAGE TANKS)
E037-1200	STORAGE TANK REPAIR OR REPLACEMENT COST COVERAGE
E038-1200	SCHEDULE OF FACILITIES ENDORSEMENT-STORAGE TANK POLLUTION LIABILITY COVERAGE
E074CERTVA-0106	CERTIFICATE OF INSURANCE - VIRGINIA
E075VA-0601	AMENDATORY ENDORSEMENT - VIRGINIA CANCELLATION AND NON-RENEWAL
E091-0904	WAR EXCLUSION
IL0021EPP-0700	NUCLEAR ENERGY LIABILITY EXCLUSION ENDORSEMENT
PP-0701	STORAGE TANK POLLUTION LIABILITY POLICY
SLB-9-0996	VIRGINIA FORM SLB-9





ATLANTIC ENVIRONMENTAL SOLUTIONS, INC.

July 29, 2011

Andrew Ma  
Environmental Scientist  
US EPA, Region III  
Office of Land Enforcement (3LC70)  
1650 Arch Street  
Philadelphia, PA 19103

Dear Mr. Ma

Atlantic Environmental Solutions, Inc. (AESI) has been retained by New Jersey Petroleum Office (NJPO) to respond to your request for information pursuant to Section 9005 of the Resource Conservation and Recovery Act (RCRA) regarding the underground storage tank systems at the following locations:

- Pure d/b/a Franklin Eagle Mart, 1397 Carsville Highway, Franklin, VA 23851
- Pure d/b/a Rt. 58 Food Mart, 8917 South Quay Road, Suffolk, VA 23437
- Pure Gas Station, 5703 Holland Road, Suffolk, VA23437

It is our understanding that some non-conformance issues were identified during a routine inspection of the above referenced properties in March 2010, and that additional information was requested by EPA in order to address these issues. Please accept this letter and its attachments as a formal response to your request for information.

**Franklin Eagle Mart**

On March 31, 2010 EPA representative from the EPA visited the Franklin Eagle Mart, located at 1397 Carrsville Highway in Franklin Virginia. During the inspection, a property representative indicated that the station was not selling gasoline or diesel. As noted in the attached Certification (Attachment A) the property was not dispensing fuel due to a dispute with the fuel supplier. However, the underground storage tanks should not be considered to have been removed from service as they were still being actively monitored by the property staff as if they were dispensing fuel.

Also, during the March 31, 2010 inspection, site personnel stated that they did not use the Veeder Root VR TLS-350 ATG as the primary source of leak detection, and that Statistical Inventory Reconciliation was used by New Jersey Petroleum Office (NJPO) as the primary leak detection system. This information was incorrect and a result of miscommunication with site personnel. As noted in the attached Certification (Attachment B) the Veeder Root system is the primary leak detection at the site and NJPO uses statistical inventory reconciliation for internal corporate records.

**CX 13**

**EPA 158**

Facility records requested by you including current line and tank testing results, tank registration records and current insurance documentation is included in Attachment C. As documented in the attached records, all tanks and lines at the property are currently tight. Additional records are still being obtained from the facility and the NJPO records archive and will be forwarded to your attention upon receipt. Cathodic Protection testing has been scheduled for August 3-5, 2011 and results of that testing will also be forwarded to your attention.

#### **Route 58 Food Mart**

On March 31, 2010 EPA representative from the EPA visited the Rt. 58 Food Mart, located at 8917 S. Quay Road in Suffolk, Virginia. During the inspection, a property representative indicated that the station was not selling gasoline. As noted in the attached Certification (Attachment D) the property was not dispensing fuel due to a dispute with the fuel supplier. However, the underground storage tanks should not be considered to have been removed from service as they were still being actively monitored by the property staff as if they were dispensing fuel.

Also, during the March 31, 2010 inspection, site personnel stated that they did not use the Veeder Root VR TLS-300 ATG as the primary source of leak detection, and that Statistical Inventory Reconciliation was used by New Jersey Petroleum Office (NJPO) as the primary leak detection system. This information was incorrect and a result of miscommunication with site personnel. As noted in the attached Certification (Attachment E) the Veeder Root system is the primary leak detection at the site and NJPO uses statistical inventory reconciliation for internal corporate records.

Facility records requested by you including current line and tank testing results, tank registration records and current insurance documentation are included in Attachment F. As documented in the attached records, all tanks and lines at the property are currently tight. Additional records are still being obtained from the facility and the NJPO records archive and will be forwarded to your attention upon receipt. Cathodic Protection testing has been scheduled for August 3-5, 2011 and results of that testing will also be forwarded to your attention.

#### **Pure Gas Station (Aylin Inc.)**

On March 31, 2010 EPA representative from the EPA visited the Pure Gas Station (Aylin Inc.), located at 5703 Holland Road, Suffolk, Virginia. During the inspection, a property representative indicated that the station was not selling gasoline or diesel. As noted in the attached Certification (Attachment G) the property was not dispensing fuel due to a dispute with the fuel supplier. However, the underground storage tanks should not be considered to have been removed from service as they were still being actively monitored by the property staff as if they were dispensing fuel.

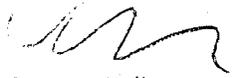
Also, during the March 31, 2010 inspection, site personnel stated that they did not use the Veeder Root VR TLS-350 ATG as the primary source of leak detection, and that Statistical Inventory Reconciliation was used by New Jersey Petroleum Office (NJPO) as the primary leak detection system. This information was incorrect and a result of miscommunication with site personnel. As noted in the attached Certification (Attachment H) the Veeder Root system is the primary leak detection at the site and NJPO uses statistical inventory reconciliation for internal corporate records.

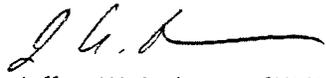


Facility records requested by you including line and tank testing results, tank registration records and current insurance documentation is included in Attachment I. Current leak testing results are being obtained from the testing contractor (Jones & Frank) and will be included in an addendum report along with additional records that are still being obtained from the facility and the NJPO records archive. Cathodic Protection testing has been scheduled for August 3-5, 2011 and results of that testing will also be forwarded to your attention.

Batur Gokcan, Area Supervisor for NJPO has certified that the information included in this report is accurate. Please refer to Attachment J for the Certification.

Please feel free to contact me at the number below if you have any questions.

  
Seamus Kelly  
Project Manager

  
Jeffrey W. Anderson, CHMM  
Vice President

CC: NJPO



**ATTACHMENT G**

**Pure Gas Station (Aylin Inc.) Service Certification**



# AYLIN INC.

Mr. Andrew Ma  
United States Environmental Protection Agency  
Region III  
Office of Land Enforcement (3LC70)  
1650 Arch Street  
Philadelphia, Pa, 19103-2029

Dear Mr. Ma;

This letter is to confirm that Under Ground Storage Tanks at 5703 Holland Road, Suffolk, VA were not out of service during March 2010.

Even though we were not actively retailing gasoline resulting from a dispute with our supplier, maintenance and inspection schedule were maintained during March 2010.

If you need further information regarding this matter please do not hesitate to contact our offices.

Batur Gokcan



Area Supervisor

5703  
Holland Road  
Suffolk, VA, 23437

PHONE (201) 866-9000  
FAX (201) 866-9006  
E-MAIL batur.njpo@gmail.com

**ATTACHMENT H**

**Pure Gas Station (Aylin Inc.) Leak Detection Certification**



---

# AYLIN INC.

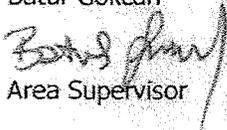
Mr. Andrew Ma  
United States Environmental Protection Agency  
Region III  
Office of Land Enforcement (3LC70)  
1650 Arch Street  
Philadelphia, Pa, 19103-2029

Dear Mr. Ma;

This letter is to confirm that Veeder-Root Automated Tank Gauging System is the primary leak detection system on the premises and Statistical Inventory Reconciliation Reports that we prepare are for internal corporate records.

If you need further information regarding this matter please do not hesitate to contact our offices.

Batur Gokcan



Area Supervisor

5703  
Holland Road  
Suffolk, VA, 23437

PHONE (201) 866-9000  
FAX (201) 866-9006  
E-MAIL batur.njpo@gmail.com

**ATTACHMENT I**  
**Pure Gas Station (Aylin Inc.) Records**



# UST System Testing Results



**CERTIFICATE OF UNDER GROUND STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
 1815 Gallagher Road  
 Plymouth Meeting, PA 19462

**Phone:** (610) 278-7203  
**Fax:** (610) 278-7621

<b>Work Order #223099</b>	<b>Client Information</b>	<b>Location #USP5703</b>
<b>Date:</b> Tue Mar 24th, 2009 <b>Reason:</b> Compliance	New Jersey Petroleum Organization ( Accounts Payable) <b>Invoice #</b> 223437 <b>Permit#</b> <b>P.O.#</b>	Pure Food Mart 5703 Holland Rd. Suffolk, VA 23434 <b>County:</b> Isle Of Wight
Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.		
<b>Additional Costs</b>		
<b>EXPENSES: CANCELLATION FEE</b>		
<b>Comments</b>		
Could not perform testing because water was coving all the sumps.		

**James Gallagher**

**Brian Hall**

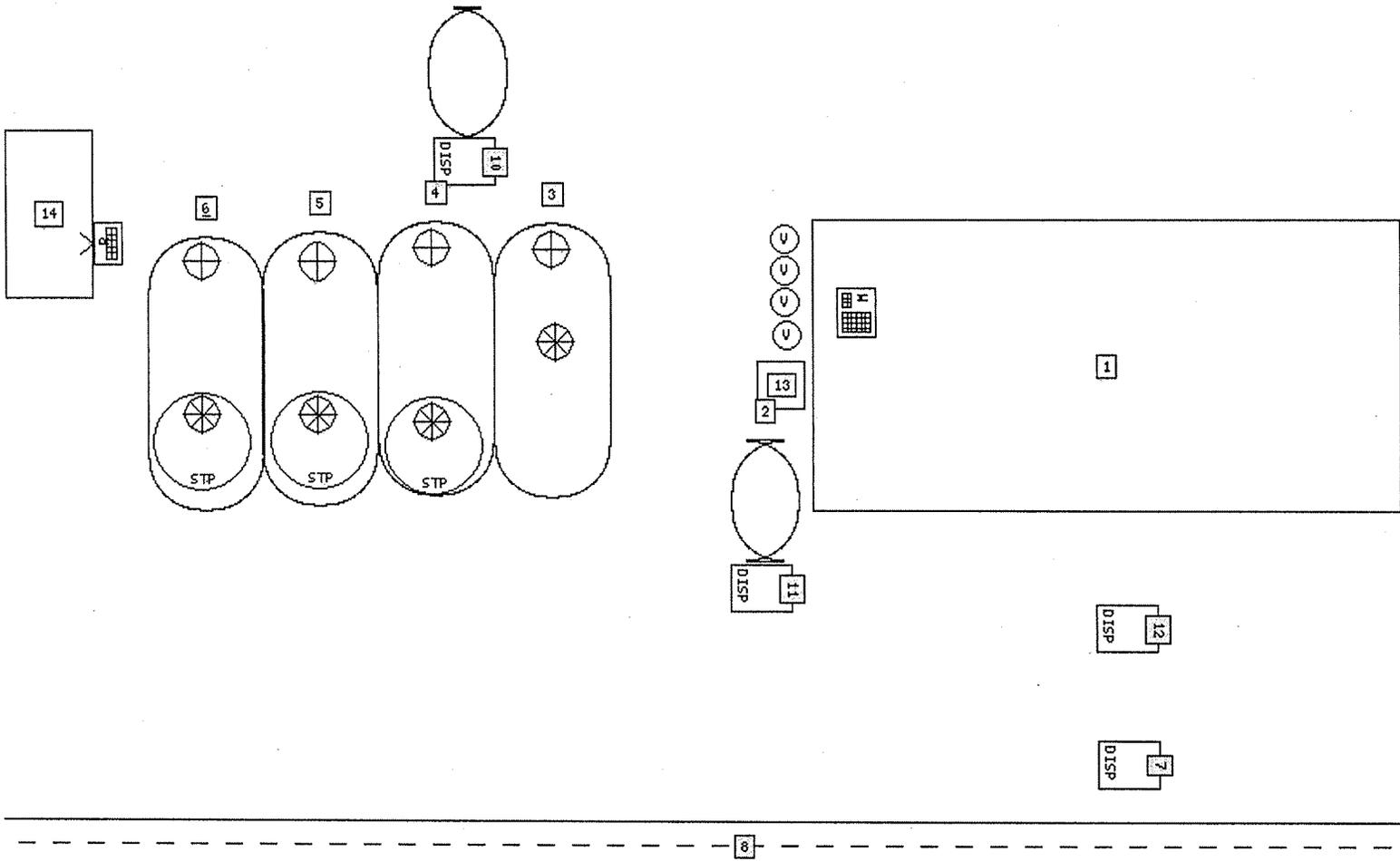
**EPA 167**



**CROMPCO**

Date: 2009-03-24  
 Work Order #: 223099  
 Location #: USP5703

Remote Fill	ATG	Road	Fixed Reference Cell	Circuit Breaker	Vent	Overfill Alarm
Dry Brake	Emergency Stop	Block	Stage 1 w/ Extractor	Interstitial	Containment Sump	Dispenser
Riser	Fill	CP Test Station	Temp Well Installed	Monitor	Rectifier	Drop Tank
Anode	STP	Flapper Direction	Compass	Well	DT	Remote Dry Brake
Extractor	CP Junction Box	Tank	Manway	DW Fill		



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Pure Food Mart** 5703 Holland Rd.  
**Phone:** (610) 278-7203 Suffolk, VA 23434  
**FAX:** 610-278-7621

**Facility/Agency Copy**  
Site #USP5703 / WO #223099  
Tue Mar 24th, 2009

**Site Diagram Labels**

- 1: Block - Pure Food Mart
- 2: Tank - Aboveground Kerosene
- 3: Tank - Regular Slave 004
- 4: Tank - Regular Master 003
- 5: Tank - Premium 001
- 6: Tank - Plus 002
- 7: Dispenser - MPD 3 - 4
- 8: Road - Holland Road (US 58)
- 9: Tank - Aboveground Diesel
- 10: Dispenser - Diesel
- 11: Dispenser - Kerosene
- 12: Dispenser - MPD 1 - 2
- 13: Block - antena tower
- 14: Block - garage

Scanned Paperwork, Page #1



2 hr travel

1815 Gallagher Road | Plymouth Meeting, PA 19462 | (610) 278-7203 | FAX 278-7621

CROMPCO CORPORATION WORK VERIFICATION

DATE 3/24/09

STATION NUMBER USP 5703

WORK ORDER NUMBER 223079

ADDRESS Pure Food mart

5703 Holland Rd

Suffolk, VA 23434

801-866-9000

ARRIVAL TIME

DEPARTURE TIME

TOTAL HOURS ON SITE

1330

1430

1

WORK PERFORMED

no testing performed - water needs to be pumped out from around tank in order to test. cancelled test

TOTAL ADDITIONAL LABOR HOURS

PARTS REPLACED

DISPENSER NUMBER AND PRODUCT IF NOZZLES REPLACED

TOTAL GALLONS DISPENSED PER PRODUCT PER DISPENSER

TOTAL DOLLARS DISPENSED PER PRODUCT PER DISPENSER

DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT

DEALER OR MANAGER SIGNATURE

*Stephen Sawyer*

UNDERGROUND TANK & LINE TESTING

R

EPA 170



**IMPORTANT LEGAL DOCUMENTS**

April 8th, 2009

Pure Food Mart #USP5703  
5703 Holland Rd.  
Suffolk, VA 23434

Re:  
2009 Compliance Test Results  
Crompco Work Order #223099  
Test Performed on Tue Mar 24th, 2009

Dear Manager (Facility #USP5703):

Enclosed are the 2009 Compliance Test Results for testing performed by Crompco. These test results are **important legal documents** that are required to be retained at your facility in the "Environmental Compliance Binder" in case an inspection would occur by a state or local agency. Upon receipt, please put the results in the binder as requested.

The 2009 compliance tests performed at your facility are indicated below. For specific testing detail, please refer to the enclosed test report.

Tank(s)
Line(s) and/or Leak Detector(s)
Cathodic Protection
Monitor Inspection
Vapor Recovery
Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Crompco at 1-800-646-3161.

Sincerely,

Francyne Klein  
Compliance Administrator

EPA 171

**CERTIFICATE OF UNDERGROUND STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

Phone: (610) 278-7203  
 Fax: (610) 278-7621

<b>Work Order #200797</b>		<b>Client Information</b>		<b>Location #USP5703</b>	
<b>Date:</b> Fri Apr 4th, 2008 <b>Reason:</b> Compliance		New Jersey Petroleum Organization ( Accounts Payable) <b>Invoice #</b> 195829 <b>Permit#</b> <b>P.O.#</b>		USP-NJPO 5703 Holland Rd. Suffolk, VA 23434 <b>County:</b> Isle Of Wight	
Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.					
<b>Lines</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
001 (all)	Regular	Petro-tite Line	Pass		
002 (all)	Plus	Petro-tite Line	Pass		
003 (all)	Premium	Petro-tite Line	Pass		
<b>Leak Detectors</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
001	Regular	Leak Detector	Pass		
002	Plus	Leak Detector	Pass		
003	Premium	Leak Detector	Pass		
<b>Miscellaneous Inspections</b>					
<b>Test</b>			<b>Result</b>		
CP: Rectifier Info			Completed		
CP: Continuity			Pass		
<b>Additional Costs</b>					
LABOR: Labor: 2 Men (1 hours)					
<b>Comments</b>					
Cathodic protection is inconclusive because of the rectifier kept on tripping when trying to due the test. Additional labor for extended testing time.					

**James Gallagher**  
 Petro-Tite Line Testing #PAC01051203090 (Exp: 12/03/2009)  
 Cathodic Protection Testing Training: CorPreTek



**Brian Hall**

**EPA 172**

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**

**Phone:** (610) 278-7203  
**FAX:** 610-278-7621

5703 Holland Rd. **Facility/Agency Copy**  
 Suffolk, VA 23434 Site #USP5703 / WO #200797  
 Fri Apr 4th, 2008

**Petro Tite Line Test**

Line Number:	001						
Grade:	Regular	Net Volume Change:	0.00000 gph				
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	100 ft.	(PL X Ba) + (FC X Bb) + B = N					
Diameter:	2 in.	(100 x 0.00000) + (3 x 0.006) + 0.05 = 0.068 gals					
Testing Line Length:	100						
Dispenser Range	all						
Wall:	Single	Allowable (gal):	0.06800				
Pump Manufac:	Red Jacket	Measured (gal):	0.03800				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1200	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1230	Started line test	0.0	60.0	0.0000	0.0310	0.0000	
1245	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
1300	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
	Bleed Back	60.0	0.0	0.0310	0.0690	0.0380	

**Petro Tite Line Test**

Line Number:	002						
Grade:	Plus	Net Volume Change:	0.00000 gph				
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	100 ft.	(PL X Ba) + (FC X Bb) + B = N					
Diameter:	2 in.	(100 x 0.00000) + (3 x 0.006) + 0.05 = 0.068 gals					
Testing Line Length:	100						
Dispenser Range	all						
Wall:	Single	Allowable (gal):	0.06800				
Pump Manufac:	Red Jacket	Measured (gal):	0.04700				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1200	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1230	Started line test	0.0	60.0	0.0000	0.0310	0.0000	
1245	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
1300	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
	Bleed Back	60.0	0.0	0.0310	0.0780	0.0470	

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**

**Phone:** (610) 278-7203  
**FAX:** 610-278-7621

5703 Holland Rd.

**Facility/Agency Copy**

Suffolk, VA 23434 Site #USP5703 / WO #200797  
 Fri Apr 4th, 2008

**Petro Tite Line Test**

Line Number:	003		
Grade:	Premium	Net Volume Change:	0.00000 gph
Material:	Fiberglass	<b>Bleedback</b>	
Total Line Length:	100 ft.	$(PL \times Ba) + (FC \times Bb) + B = N$	
Diameter:	2 in.	$(100 \times 0.00000) + (3 \times 0.006) + 0.05 = 0.068 \text{ gals}$	
Testing Line Length:	100		
Dispenser Range:	all		
Wall:	Single	Allowable (gal):	0.06800
Pump Manufac:	Red Jacket	Measured (gal):	0.04300
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1200	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1230	Started line test	0.0	60.0	0.0000	0.0310	0.0000	
1245	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
1300	Line Test Continued	60.0	60.0	0.0310	0.0310	0.0000	
	Bleed Back	60.0	0.0	0.0310	0.0740	0.0430	

**EPA 174**

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

5703 Holland Rd. **Facility/Agency Copy**  
 Suffolk, VA 23434 Site #USP5703 / WO #200797  
 Fri Apr 4th, 2008

**Petro Tite Leak Detector Test**

**Petro Tite Leak Detector Test**

Leak Detector Number:	001	Leak Detector Number:	002
Grade:	Regular	Grade:	Plus
Dispenser Range:	all	Dispenser Range:	all
Make:	FE-Petro	Make:	FE-Petro
Model:	STP-MLD	Model:	STP-MLD
Serial #	not visible	Serial #	not visible
<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic		<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic	
Test Conducted at Dispenser #:	1/2	Test Conducted at Dispenser #:	1/2
Submersible Pump Operating Pressure (psi):	22	Submersible Pump Operating Pressure (psi):	22
Check Valve Holding Pressure (psi):	15	Check Valve Holding Pressure (psi):	22
Bleedback Check (gallons):	.0100	Bleedback Check (gallons):	.0120
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	4	Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	4
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive		Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.		Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

**Petro Tite Leak Detector Test**

Leak Detector Number:	003
Grade:	Premium
Dispenser Range:	all
Make:	Red Jacket
Model:	FX1V
Serial #	not visible
<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic	
Test Conducted at Dispenser #:	1/2

EPA 175

Submersible Pump Operating Pressure (psi):	25
Check Valve Holding Pressure (psi):	24
Bleedback Check (gallons):	.0130
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	2
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

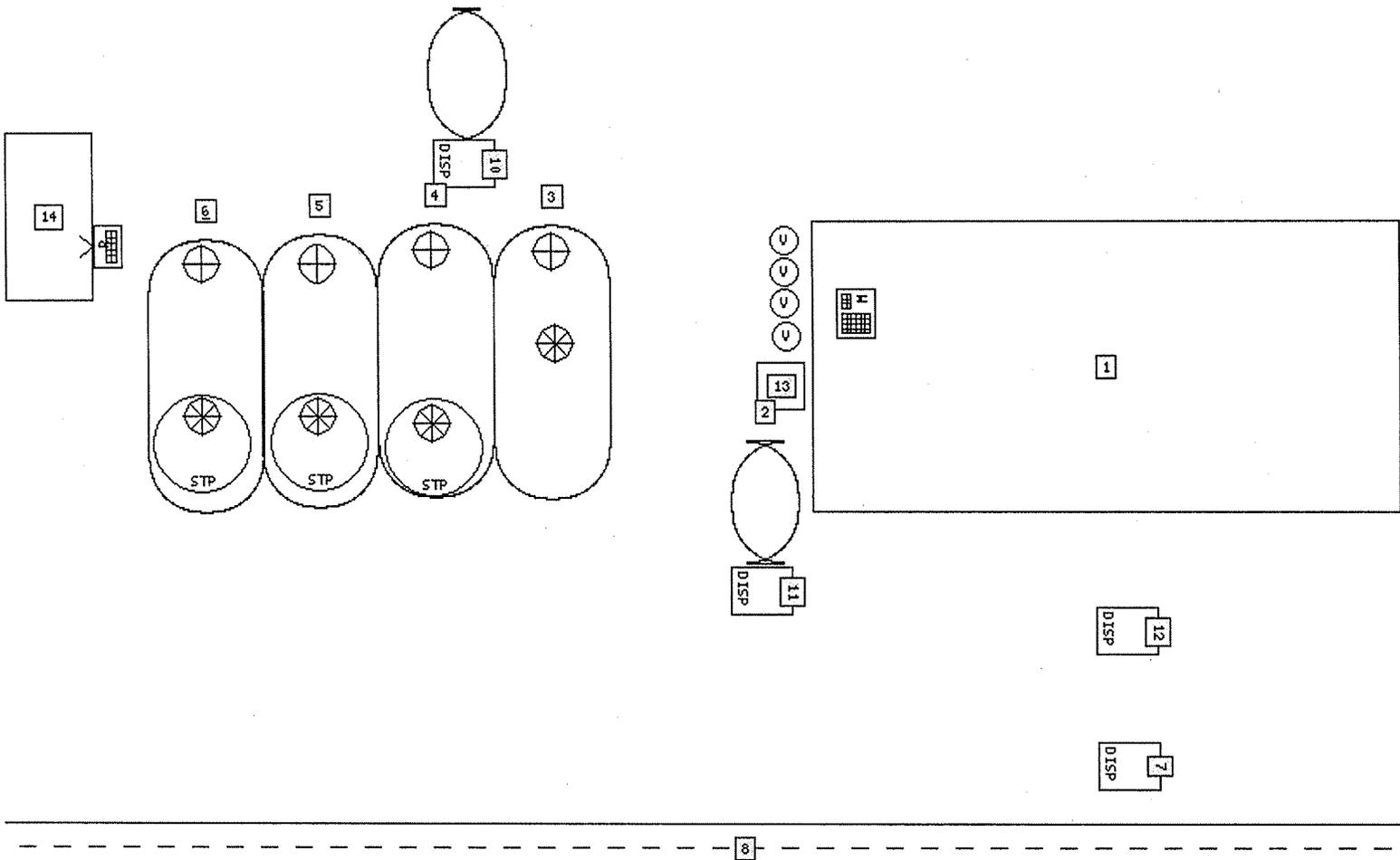
**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

5703 Holland Rd. **Facility/Agency Copy**  
 Suffolk, VA 23434 Site #USP5703 / WO #200797  
 Fri Apr 4th, 2008

CP Test: Continuity		
<b>CP System On/Off:</b>		<b>Junction Box with Annode Shunts (ICCP Only)</b>
<input type="checkbox"/> Unknown		<input checked="" type="checkbox"/> Unknown
<input checked="" type="checkbox"/> On		<input type="checkbox"/> Yes
<input type="checkbox"/> Off		<input type="checkbox"/> No
<b>Fixed Reference Cell Location:</b>		
grass behind building		
Structure Tested	Structure-to-Soil Potential Using Fixed Reference Cell	Instant Off
STP regular	-1243 mv	-872 mv
STP plus	-1217 mv	-832 mv
STP premium	-1217 mv	-827 mv
Vent	-1220 mv	-823 mv
Flex @ Dispenser	-1102 mv	-761 mv
Flex @ Dispenser	-1107 mv	-759 mv
antenna tower	-1102 mv	-761 mv



 <p><b>Date:</b> 2008-04-04  <b>Work Order #:</b> 200797  <b>Location #:</b> USP5703</p>	 Remote Fill	 ATG	 Road	 Fixed Reference Cell	 Circuit Breaker	 Vent	 Overfill Alarm
	 Dry Brake	 Emergency Stop	 Block	 Stage 1 w/ Extractor	 Interstitial	 Containment Sump	 Dispenser
	 Riser	 Fill	 CP Test Station	 Temp Well Installed	 Monitor	 Rectifier	
 Anode	 STP	 Flapper Direction	 Compass	 Well	 Drop Tank		
 Extractor	 CP Junction Box	 Tank	 Manway	 DW Fill	 Remote Dry Brake		



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

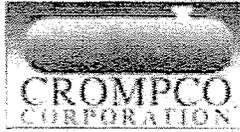
**USP-NJPO**  
**Phone:** (610) 278-7203  
**FAX:** 610-278-7621

5703 Holland Rd. **Facility/Agency Copy**  
Suffolk, VA 23434 Site #USP5703 / WO #200797  
Fri Apr 4th, 2008

**Site Diagram Labels**

- 1: Block - Pure Food Mart
- 2: Tank - Aboveground Kerosene
- 3: Tank - Regular Slave 004
- 4: Tank - Regular Master 003
- 5: Tank - Premium 001
- 6: Tank - Plus 002
- 7: Dispenser - MPD 3 - 4
- 8: Road - Holland Road (US 58)
- 9: Tank - Aboveground Diesel
- 10: Dispenser - Diesel
- 11: Dispenser - Kerosene
- 12: Dispenser - MPD 1 - 2
- 13: Block - antena tower
- 14: Block - garage

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10 hr travel

1815 Gallagher Road | Plymouth Meeting, PA 19462 | (610) 378-7203 | FAX 278-7621

CROMPCO CORPORATION WORK VERIFICATION

DATE 4/4/08

STATION NUMBER USP 5703

WORK ORDER NUMBER 200797

ADDRESS Price Food Mart

5703 Italian Rd

Suffolk VA 23434

201-846-9000

ARRIVAL TIME

DEPARTURE TIME

TOTAL HOURS ON SITE

1030

1530

5

WORK PERFORMED

Lines - LD<sup>2</sup> - CP Testing

TOTAL ADDITIONAL LABOR HOURS

PARTS REPLACED

NONE

DISPENSER NUMBER AND PRODUCT IF NOZZLES REPLACED

TOTAL GALLONS DISPENSED PER PRODUCT PER DISPENSER

TOTAL DOLLARS DISPENSED PER PRODUCT PER DISPENSER

DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT

DEALER OR MANAGER SIGNATURE

X [Signature]

UNDERGROUND TANK & LINE TESTING

EPA 181



**IMPORTANT LEGAL DOCUMENTS**

April 21st, 2008

Pure Food Mart #USP5703  
5703 Holland Rd.  
Suffolk, VA 23434

Re:  
2008 Compliance Test Results  
Crompco Work Order #200797  
Test Performed on Fri Apr 4th, 2008

Dear Manager (Facility #USP5703):

Enclosed are the 2008 Compliance Test Results for testing performed by Crompco for USP-NJPO. These test results are **important legal documents** that are required to be retained at your facility in the "Environmental Compliance Binder" in case an inspection would occur by a state or local agency. Upon receipt, please put the results in the binder as requested by USP-NJPO.

The 2008 compliance tests performed at your facility are indicated below. For specific testing detail, please refer to the enclosed test report.

<input type="checkbox"/>	Tank(s)
<input checked="" type="checkbox"/>	Line(s) and/or Leak Detector(s)
<input checked="" type="checkbox"/>	Cathodic Protection
<input type="checkbox"/>	Monitor Inspection
<input type="checkbox"/>	Vapor Recovery
<input type="checkbox"/>	Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Jennifer Foster or Sue Hickey of Crompco at 1-800-646-3161.

Sincerely,

*Jennifer Foster*

Jennifer Foster  
Compliance Administrator

**CERTIFICATE OF UNDER GROUND STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
 1815 Gallagher Road  
 Plymouth Meeting, PA 19462

**Phone:** (610) 278-7203  
**Fax:** (610) 278-7621

<b>Work Order #223099</b>	<b>Client Information</b>	<b>Location #USP5703</b>
<b>Date:</b> Tue Mar 24th, 2009 <b>Reason:</b> Compliance	New Jersey Petroleum Organization ( Accounts Payable) <b>Invoice #223437</b> <b>Permit#</b> <b>P.O.#</b>	Pure Food Mart 5703 Holland Rd. Suffolk, VA 23434 <b>County:</b> Isle Of Wight
Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.		
<b>Additional Costs</b>		
<b>EXPENSES: CANCELLATION FEE</b>		
<b>Comments</b>		
Could not perform testing because water was coving all the sumps.		

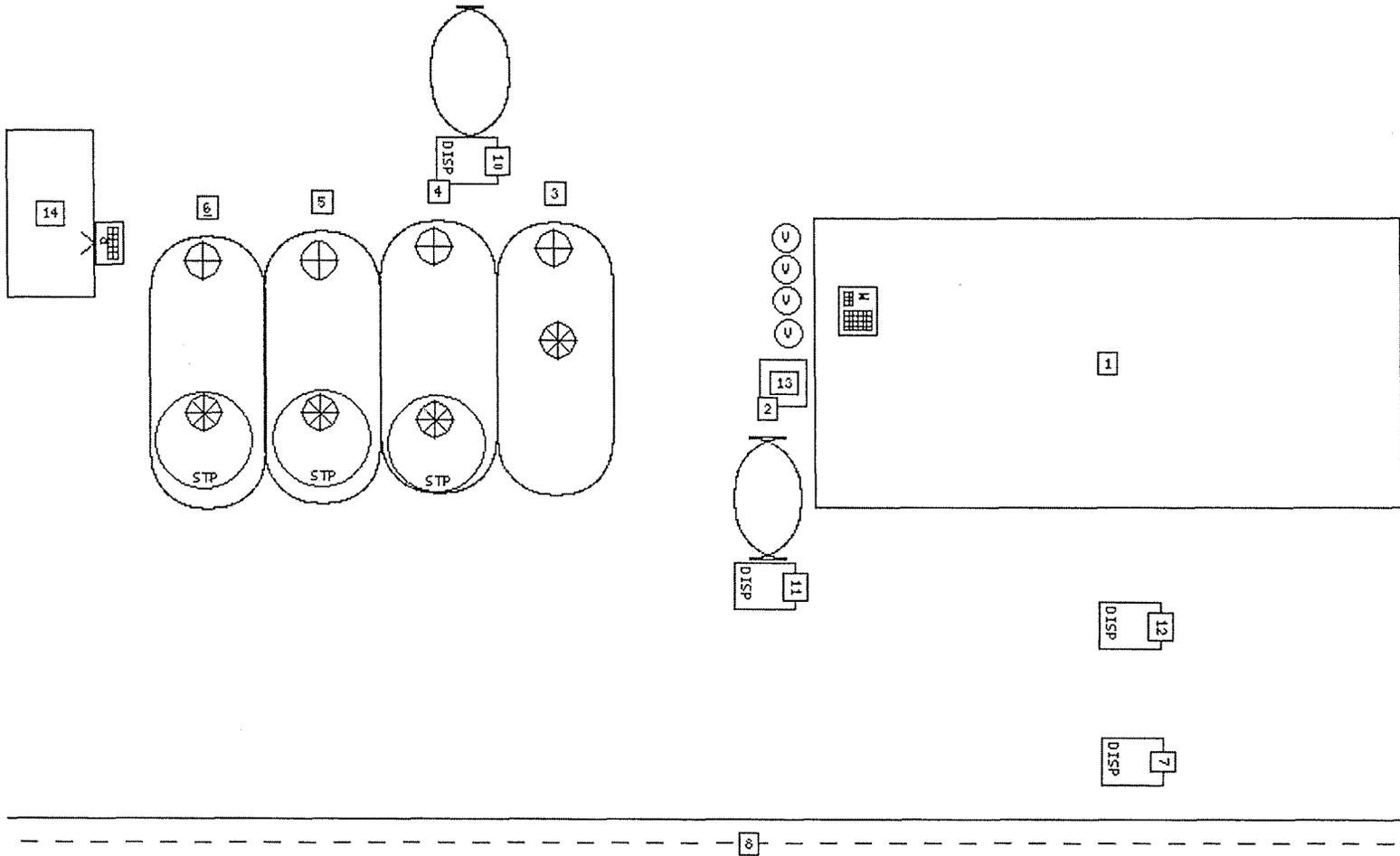
**James Gallagher**

**Brian Hall**



Date: 2009-03-24  
 Work Order #: 273039  
 Location #: USF5203

Remote Fill	ATG	Road	Fixed Reference Cell	Circuit Breaker	Vent	Overfill Alarm
Dry Brake	Emergency Stop	Block	Stage 1 w/ Extractor	Interstitial	Containment Sump	Dispenser
Riser	Fill	CP Test Station	Temp Well Installed	Monitor	Rectifier	Drop Tank
Anode	STP	Flapper Direction	Compass	Well	Drop Tank	Remote Dry Brake
Extractor	CP Junction Box	Tank	Manway	DW Fill		



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Pure Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

5703 Holland Rd. **Facility/Agency Copy**  
Suffolk, VA 23434 Site #USP5703 / WO #223099  
Tue Mar 24th, 2009

**Site Diagram Labels**

- 1: Block - Pure Food Mart
- 2: Tank - Aboveground Kerosene
- 3: Tank - Regular Slave 004
- 4: Tank - Regular Master 003
- 5: Tank - Premium 001
- 6: Tank - Plus 002
- 7: Dispenser - MPD 3 - 4
- 8: Road - Holland Road (US 58)
- 9: Tank - Aboveground Diesel
- 10: Dispenser - Diesel
- 11: Dispenser - Kerosene
- 12: Dispenser - MPD 1 - 2
- 13: Block - antena tower
- 14: Block - garage

**EPA 185**

Scanned Paperwork, Page #1



2 hr travel

1815 Gallagher Road | Plymouth Meeting, PA 19462 | (610) 278-7263 | FAX 278-7621

CROMPCO CORPORATION WORK VERIFICATION

DATE 3/24/09

STATION NUMBER USP 5703

WORK ORDER NUMBER 223079

ADDRESS Pure Food Mart  
5703 Holland Rd  
Suffolk, VA 23434  
301-866-9400

ARRIVAL TIME

DEPARTURE TIME

TOTAL HOURS ON SITE

1330

1430

1

WORK PERFORMED

No testing performed - water needs to be  
Pumped out from around 24" in order to  
test. CANCELLED TEST

TOTAL ADDITIONAL LABOR HOURS

PARTS REPLACED

DISPENSER NUMBER AND PRODUCT IF NOZZLES REPLACED

TOTAL GALLONS DISPENSED PER PRODUCT PER DISPENSER

TOTAL DOLLARS DISPENSED PER PRODUCT PER DISPENSER

DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT

DEALER OR MANAGER SIGNATURE

*Debra Sawyer*

UNDERGROUND TANK & LINE TESTING

R

EPA 186



**IMPORTANT LEGAL DOCUMENTS**

April 8th, 2009

Pure Food Mart #USP5703  
5703 Holland Rd.  
Suffolk, VA 23434

Re:  
2009 Compliance Test Results  
Crompco Work Order #223099  
Test Performed on Tue Mar 24th, 2009

Dear Manager (Facility #USP5703):

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Tank(s)
Line(s) and/or Leak Detector(s)
Cathodic Protection
Monitor Inspection
Vapor Recovery
Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Crompco at 1-800-646-3161.

Sincerely,

Francyne Klein  
Compliance Administrator

**EPA 187**

---

# Certificate of Insurance





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
7/28/2011PRODUCER (631)273-4242 FAX: (631)273-8990  
National Insurance Brokerage of NY Inc.  
175 Oval Drive

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

Islandia NY 11749

INSURERS AFFORDING COVERAGE

NAIC #

INSURED

INSURER A: Zurich North America

INSURER B:

INSURER C:

INSURER D:

INSURER E:

AYLIN INC.  
5703 HOLLAND ROAD  
SUFFOLK VA 23434

### COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR (ADD'L LTR INSR)	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Pollution Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	USC9419649-02	07/29/2011	11/27/2011	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC AGG \$
	EXCESS / UMBRELLA LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under SPECIAL PROVISIONS below				WC STATU-TORY LIMITS OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
	OTHER				

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

### CERTIFICATE HOLDER

### CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL \_\_\_\_\_ DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE  
Frank Cormio/CRYSTAACORD 25 (2009/01)  
INS025 (200901)

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The ACORD name and logo are registered marks of ACORD

EPA 189

## **IMPORTANT**

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

## **DISCLAIMER**

This Certificate of Insurance does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

**EPA 190**

# Notification for Underground Storage Tanks



# Notification for Underground Storage Tanks (USTs)

Virginia DEQ Water Form 7530-2

(See reverse for mailing instructions)

Rev. (01/03)

STATE USE ONLY

ID Number: 5-008436

Date Received: 6/27/03

Date Entered: 7/9/03

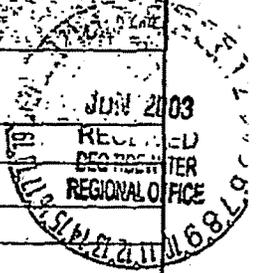
Entered By: [Signature]

Comments: [Blank]

## PART I: PURPOSE OF NOTIFICATION

✓ Check all that apply:

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> New (not previously registered) facility      | <input type="checkbox"/> Temporary closure         | <input type="checkbox"/> Change in tank contents |
| <input type="checkbox"/> New tank(s) at previously registered facility | <input type="checkbox"/> Tank removal or closure   | <input checked="" type="checkbox"/> New owner    |
| <input type="checkbox"/> Change in tanks (e.g., upgrade)               | <input type="checkbox"/> Piping removal or closure | <input type="checkbox"/> Change in owner address |
| <input type="checkbox"/> Change in piping (e.g., upgrade)              | <input type="checkbox"/> Other (specify):          |  |



## PART II: OWNERSHIP OF TANKS

## PART III: LOCATION OF TANKS

A. Owner Name: AYLIN INC.

B. Owner Address: 5703 HOLLAND RD

C. City, State, Zip: SUFFOLK, VA 23437

D. Name of Contact Person: TAMER ARKAN

E. Title of Contact Person: G. Mgr.

F. Phone Number: (757) 657-2455 Fax Number: (757) 562-6402

G. E-mail Address: \_\_\_\_\_

H. Name of Previous Owner: Crossroads Fuel Service, Inc

A. Facility Name: Pure

B. Facility Street Address (P.O. Box not acceptable): Same

C. City, Zip: \_\_\_\_\_

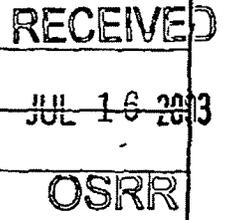
D. County or Municipality where Facility is Located: \_\_\_\_\_

E. Name of Contact Person: Same

F. Title of Contact Person: \_\_\_\_\_

G. Phone Number: ( ) Fax Number: ( )

H. E-mail Address: \_\_\_\_\_



## PART IV: TYPE OF OWNER

## PART V: TYPE OF FACILITY

- Federal government
- Commercial
- State government
- Private
- Local government

- Retail gas station
- Petroleum distributor
- Local government

- Federal non-military
- Federal military
- State government

- Commercial (non-resale)
- Industrial
- Other \_\_\_\_\_
- Residence
- Farm

## PART VI: FINANCIAL RESPONSIBILITY

The tank owner has met the financial responsibility requirements contained in 9 VAC 25-590-10 et seq. using the following methods/mechanisms

- Self Insurance
- Insurance
- Letter of Credit
- Virginia Petroleum Storage Tank Fund
- Guarantee
- Surety Bond
- Trust Fund

## PART VII: OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I understand that the owner of the underground storage tanks hereby registered is responsible for compliance with the requirements of Virginia Regulations 9 VAC 25-580-10 et seq. and federal regulation 40 CFR Part 280, among other requirements. I warrant and represent that I am the owner or that I have the authority to sign this certification on behalf of the owner. I understand that this notification form is sufficient evidence to establish ownership of tanks subject to 9 VAC 25-580-10 et seq.

Name and Title (Type or Print): ADNAN KIRISCIOLU Pres. Signature: [Signature] Date: 06, 25, 2003

## PART VIII: INSTALLER CERTIFICATION

I certify that the installation of this tank was performed in accordance with all federal, state and local installation requirements. I warrant and represent that I am the installer or that I have the authority to sign this certification on behalf of the installer.

Name and Title (Type or Print): \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Company Name: \_\_\_\_\_ Address: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

10/17

PART IX: TANK DESCRIPTION FOR NEW INSTALLATIONS AND AMENDMENTS										
Owner Tank Identification Number	1		2		3		4			
DEQ Tank Identification Number										
Tank Status	<input type="checkbox"/> New Tank <input checked="" type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment							
Date of Installation (MM/DD/YYYY)										
Date of Amendment (MM/DD/YYYY)	6/25/03		6/25/03		6/25/03		6/25/03			
Tank Capacity (Gallons)	8000		8000		8000		8000			
Substance stored (if hazardous, include CERCLA name and/or CAS number)	Gasoline		Gasoline		Gasoline		Gasoline			
Material of Construction (v all that apply)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Coated and Cathodically Protected/STI-P30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Impressed Current System Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Composite (Steel Clad with Fiberglass)/ACT 100	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Lined Interior	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Polyethylene Tank Jacket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Excavation Liner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Asphalt Coated or Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Polyflexible piping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Galvanized Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Other (specify)										
Has tank/piping been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Piping Type	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Safe Suction (No Check Valve at Tank)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
U.S. Suction (Check Valve at Tank)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Pressure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Gravity Fed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Release Detection	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Manual Tank Gauging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Tightness Testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Inventory Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Automatic Tank Gauging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Vapor Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Groundwater Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Interstitial Monitoring-Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Interstitial Monitoring-Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Automatic Line Leak Detectors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Statistical Inventory Reconciliation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Other (specify)										
Spill Containment & Overflow Prevention	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Spill Containment/Bucket	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Overflow Automatic Shutoff	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Overflow Alarm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
Overflow Ball Float Valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							

<b>Notification for Underground Storage Tanks</b>	<b>STATE USE ONLY</b>
State Agency Name and Address <b>DEQ-Water Division-UST Program</b>	P.O. Box 10009 Richmond, VA 23240-0009
<b>TYPE OF NOTIFICATION</b>	<b>ID NUMBER</b>
<input type="checkbox"/> A. NEW FACILITY <input checked="" type="checkbox"/> B. AMENDED <input type="checkbox"/> C. CLOSURE	<b>DATE RECEIVED</b>
____ No. of tanks at facility    ____ No. of continuation sheets attached	A. NEW _____
<b>INSTRUCTIONS</b>	B. AMENDED _____
Please type or print in ink all items except "signature" in section VIII. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy pages 3, 4 and 5, and staple continuation sheets to the form.	C. ENTERED INTO UST-DMS _____
	D. Comments: _____

**GENERAL INFORMATION**

Notification is required by Virginia law for all underground storage tanks that have been used to store regulated substances and were in the ground as of May 8, 1988, or that are brought into use after May 8, 1988. The information requested is required by §62.1-44.34:9.6 & 7 of the Virginia State Water Control Law, Article 9.

The primary purpose of this notification program is to locate and evaluate underground storage tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonable available records, or in the absence of such records, your knowledge, belief, or recollection.

**Who Must Notify?**

A. Virginia State Water Control Law Article 9 § 62.1-44.34:9.6 & 7, requires that unless exempted, owners of underground storage tanks that store regulated substances must notify the State Water Control Board of the existence of their tanks. Owner means:

1) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use or dispensing of regulated substances, and

2) in the case of any underground storage tank in use before November 8, 1984; but no longer in use after that date, any person who owned such tank immediately before the discontinuation of its use, and

B. Owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground.

What UST's Must Be Notified? Underground storage tank or "UST" means any one or combination of tanks (including underground pipes connected thereto) that is used to contain an accumulation of regulated substances, and the volume of which (including the volume of underground pipes connected thereto) is 10% or more beneath the surface of the ground.

**What UST's Are Excluded From Notification Requirements?**

1. Farm or residential tank of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;

2. Tank used for storing heating oil for consumption on the premises where stored.

3. Septic tank;

4. Pipeline facility (including gathering lines) regulated under:  
a. The Natural Gas Pipeline Safety Act of 1968 (49 U.S.C. App. 1671, et seq.), or  
b. The Hazardous Liquid Pipeline Safety Act of 1979 (49 U.S.C. App. 2001, et seq.), or  
c. Which is an intrastate pipeline facility regulated under state laws comparable to the provisions of the law referred to in subdivisions 4.a or 4.b of this definition;

5. Surface impoundment, pit, pond, or lagoon;

6. Storm-water or wastewater collection system;

7. Flow-through process tank;

8. Liquid trap or associated gathering lines directly related to oil or gas production and gathering operations; or

9. Storage tank situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

**The Following Need Not Notify, But May Be Regulated.**

10. Wastewater treatment tank systems;

11. Any UST systems containing radioactive material that are regulated under the Atomic Energy Act of 1954 (42 USC 2011 and following);

12. Any UST system that is part of an emergency generator system at nuclear power generation facilities regulated by the Nuclear Regulatory Commission under 10 CFR Part 50, Appendix A;

13. Airport hydrant fuel distribution systems; and

14. UST systems with field-constructed tanks

What Substances Are Covered? "Regulated substance" means an element, compound, mixture, solution, or substance that, when released into the environment, may present substantial danger to the public health or welfare, or the environment. The term "regulated substance" includes:

1. Any substance defined in § 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, but not any substance regulated as a hazardous waste under subtitle C of the Resource Conservation and Recovery Act (RCRA) of 1976; and

2. Petroleum, including crude oil or any fraction thereof, that is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute). The term "regulated substance" includes but is not limited to petroleum and petroleum-based substances comprised of a complex blend of hydrocarbons derived from crude oil through processes of separation, conversion, upgrading, and finishing, such as motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, and used oils.

**When to Notify?**

A. Any owner who brings an underground storage tank system into use must within 30 days of bringing such tank into use, submit a notice of existence of such tank system to the board. Any change in: ownership; tank status (e.g., temporarily / permanently closed out); tank/piping systems (e.g., upgrades such as addition of corrosion protection, internal lining, release detection); substance stored (e.g., change from petroleum to hazardous substance) requires the UST owner to submit an amended notification form within 30 days after such change/upgrade occurs or is brought into use. Owners may provide notice for several tanks using one notification form, but owners with tanks located at more than one place of operation must file a separate notification form for each separate place of operation.

Under Virginia UST notification requirements effective July 1, 1987, owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground, must notify the board on the notification form.

Notices required to be submitted must provide all of the information in Sections I through IX of this form (Section X as required) for each tank for which notice must be given. Notices for tanks installed after December 22, 1988, must also provide all of the information in Section XI of this form for each tank for which notice must be given.

B. All owners and operators of new UST systems must certify in the notification form compliance with the following requirements of Virginia Regulation 9 VAC 25-580-10, et seq:

1. Installation of tanks and piping under subsection E of § 2.1;

2. Cathodic protection of steel tanks and piping under subsections A and B of § 2.1;

3. Release detection under §§ 4.2. and 4.3.

4. Financial responsibility under Virginia Regulation 9 VAC 25-590-10, et seq.

C. All owners and operators of new UST systems must ensure that the installer certifies in the notification form that the methods used to install the tanks and piping comply with the requirements in subsection D of § 2.1 of 9 VAC 25-580-10, et seq.

D. Beginning October 24, 1988, any person who sets a tank intended to be used as an underground storage tank must notify the purchaser of such tank of the owner's notification obligations under subsection A of this section. The statement provided in Appendix II of VR 880-13-02 may be used to comply with this requirement.

**I. OWNERSHIP OF TANK(S)**

**II. LOCATION OF TANK(S)**

ATLIN, Inc  
Owner Name (Corporation, Individual, Public Agency, or Other Entity)

5703 Holland Road  
Street Address

Suffolk VA 23437  
City State ZIP Code

757-657 6645  
Phone Number (Include Area Code)

If known, give the geographic location of tank(s) by degrees, minutes, and seconds. Example Lat. 42, 38, 12N Long. 85, 24, 17W

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

(If same as Section I, mark box here)

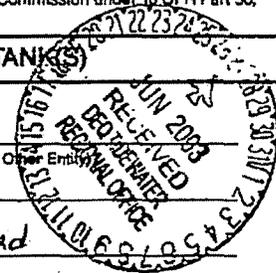
Pure  
Facility or Company Site Identifier, as applicable

OSRR

5703 Holland Rd.  
Street Address (P. O. Box not acceptable)

Suffolk VA 23437  
City State ZIP Code

County \_\_\_\_\_ Municipality \_\_\_\_\_



III. TYPE OF OWNER		IV. INDIAN LANDS	
<input type="checkbox"/> Federal Government	<input checked="" type="checkbox"/> Commercial	Tanks are located on land within an Indian Reservation or on other trust lands. <input type="checkbox"/>	Tribe or Nation: _____
<input type="checkbox"/> State Government	<input type="checkbox"/> Private	Tanks are owned by Native American nation, tribe, or individual. <input type="checkbox"/>	
<input type="checkbox"/> Local Government			

V. TYPE OF FACILITY

Select the Appropriate Facility Description:

<input checked="" type="checkbox"/> Gas Station/Convenience Store	<input type="checkbox"/> State Government	<input type="checkbox"/> Contractor
<input type="checkbox"/> Petroleum Distributor	<input type="checkbox"/> Railroad	<input type="checkbox"/> Trucking/Transport
<input type="checkbox"/> Air Taxi (Airline)	<input type="checkbox"/> Federal - Non-Military	<input type="checkbox"/> Utilities
<input type="checkbox"/> Aircraft Owner	<input type="checkbox"/> Federal - Military	<input type="checkbox"/> Residential
<input type="checkbox"/> Auto Dealership	<input type="checkbox"/> Commercial	<input type="checkbox"/> Farm
<input type="checkbox"/> Local Government	<input type="checkbox"/> Industrial	<input type="checkbox"/> Other (Explain) _____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name (Print)	Job Title	Mailing Address	Phone Number (Include Area Code)
TAMER ARKLAN	G. Mgr.	5703 Holland Rd. Suffolk VA 23437	757-657 6645

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with VR680-13-03 utilizing the following method(s).

Mark All that Apply

<input type="checkbox"/> Self Insurance	<input type="checkbox"/> Guarantee	<input type="checkbox"/> Virginia Underground Petroleum Storage Tank Fund
<input checked="" type="checkbox"/> Commercial Insurance	<input type="checkbox"/> Surety Bond	<input type="checkbox"/> Trust Fund
<input type="checkbox"/> Risk Retention Group	<input type="checkbox"/> Letter of Credit	<input type="checkbox"/> Other Method Allowed (Specify) _____

RECEIVED  
JUL 16 2003

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. (To be signed by either the owner or the owner's authorized representative)

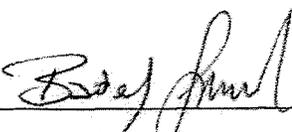
Name and official title of owner (Print) AYLUN, Inc By ADWAN KIRISCIOGLU, Pres.	Signature <i>Adwan Kiriscioglu</i>	Date Signed 6/25/2003
Name and official title of owner's authorized representative (Print)	Signature	Date Signed

**ATTACHMENT J**  
**Report Certification**



**Certification**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Signature   
Date 07/29/2011  
Title Supervisor



RE: EPA 9005 Information Request Letter

Seamus Kelly

to:

Andrew Ma

09/14/2011 05:26 PM

Cc:

"Batur Gokcan", "Jeffrey Anderson"

Hide Details

From: "Seamus Kelly" <skelly@solutionsenvironmental.com>

To: Andrew Ma/R3/USEPA/US@EPA

Cc: "Batur Gokcan" <batur.njpo@gmail.com>, "Jeffrey Anderson" <janderson@solutionsenvironmental.com>

History: This message has been forwarded.

4 Attachments



5703 - Line & Tank Test.pdf



Franklin Eagle Mart CP test 8-3-11.pdf



Rte 58 Food Mart CP test 8-4-11.pdf



USP-NJPO CP test 8-4-11.pdf

Mr. Ma

Please find attached the Jones & Frank tank and line test results for the Pure Gas Station, 5703 Holland Road, Suffolk, VA and the Cathodic Protection results for the three (3) properties.

Please feel free to contact me if you have any questions.

Seamus

CX 14

EPA 198

**From:** Ma.Andrew@epamail.epa.gov [mailto:Ma.Andrew@epamail.epa.gov]  
**Sent:** Wednesday, September 14, 2011 4:58 PM  
**To:** Seamus Kelly  
**Cc:** Batur Gokcan; Jeffrey Anderson  
**Subject:** RE: EPA 9005 Information Request Letter

Good Afternoon Mr. Kelly,

I have reviewed NJPO's June 29, 2011 response to EPA's information request letter regarding the underground storage tanks (USTs) located at the following locations: Franklin Eagle Mart, 1397 Carrsville Highway, Franklin, VA 23851; Rt. 58 Food Mart, 8917 S. Quay Road, Suffolk, VA 23437; and Pure Gas Station, 5703 Holland Road, Suffolk, VA 23437. Below I had a few follow-up questions regarding the response

1) In the June 29, 2011 response regarding the USTs and UST systems at the Franklin Eagle Mart and Rt. 58 Food Mart you indicated the following:

*"Additional records are still being obtained from the facility and the NJPO records archive and will be forwarded to your attention upon receipt. Cathodic Protection testing has been scheduled for August 3-5, 2011 and results of that testing will also be forwarded to your attention."*

a) Please provide the "additional records from the facility and NJPO records archive" for the USTs and UST systems at the Franklin Eagle Mart and Rt. 58 Food Mart, as indicated in your June, 2011 response;

b) Please provide the records of the August 3-5, 2011 cathodic protection test results for the USTs and UST systems at the Franklin Eagle Mart and Rt. 58 Food Mart, as indicated in your June, 2011 response.

2) In the June 29, 2011 response regarding the USTs and UST systems at the Pure Gas Station you indicated the following:

*"Current leak testing results are being obtained from the testing contractor (Jones & Frank) and will be included in an addendum report along with additional records that are still being obtained from the facility and the NJPO records archive. Cathodic Protection testing has been scheduled for August 3-5, 2011 and results of that testing will also be forwarded to your attention."*

a) Please provide the current leak testing results from the testing contractor (Jones & Frank) regarding the USTs and UST systems at the Pure Gas Station, as indicated in your June, 2011 response;

b) Please provide the "additional records from the facility and NJPO records archive" for the USTs and UST systems at the Pure Gas Station, as indicated in your June, 2011 response;

c) Please provide the records of the August 3-5, 2011 cathodic protection test results for the USTs and UST systems at the Pure Gas Station, as indicated in your June, 2011 response.

Please feel free to contact me if you have any questions.

Thanks,

Andrew

Andrew Ma  
US EPA Region III - Office of Land Enforcement  
Mail Code 3LC70  
1650 Arch Street  
Philadelphia, PA 19103-2029  
Phone: 215.814.3429  
Fax: 215-814-3163  
ma.andrew@epa.gov

EPA 199



3611 Thurston Road  
 Richmond VA 23237  
 Phone: (804) 271-4456  
 FAX: 1-888-201-7909

**PRESSURE CALCULATION & WATER SENSOR CALIBRATION  
 FINAL REPORT**

MANUFACTURED BY: ESTABROOK'S INC. 1-877-368-7215

Systems & Training  
 for the  
 Petroleum Industry

Testing Firm **BesTest, LLC**  
 Address 3611 Thurston Rd  
 Richmond, VA 23237  
 Telephone # 804-271-4456

Date: **6/3/11**  
 Site: Aylin Inc  
 5703 Holland Rd  
 Suffolk, VA

Tank #	1	2	3	4	5	6
Product	Unleaded	Super	Diesel			
Tank volume	6000	6000	6000			
Product volume in inches	22.5 "	16.5 "	16.5 "			
Vacuum Pressure (psi)	0.5	0.5	0.5			
Depth of Groundwater:	131"	126"	140"			
Determined by:	EZstick	EZstick	EZstick			
Where:	STP manhole	STP manhole	STP manhole			
<b>SUMMARY of FINDINGS*</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>			
TIGHT TANK <sup>1</sup>	✓	✓	✓			
ULLAGE LEAK <sup>2</sup>						
(WET) PORTION LEAK <sup>3</sup>						
Water intrusion (wet portion) <sup>4</sup>						

NOTES:

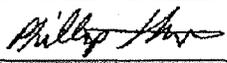
**\* THE ACOUSTIC CHARACTERISTICS REVEAL:**

- <sup>1</sup>TIGHT TANK - THIS UNDERGROUND STORAGE TANK PASSES THE CRITERIA SET FORTH BY THE U.S. EPA.
- <sup>2</sup>ULLAGE (DRY) PORTION OF LEAK - THIS UNDERGROUND TANK FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.
- <sup>3</sup>BELOW PRODUCT LEVEL (WET) PORTION LEAK - THIS UNDERGROUND STORAGE TANK FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.
- <sup>4</sup>Water intrusion (wet portion) - water sensor indicates water entering the tank below the product level during the test

**Operator Information**

Name Adam N. Murray Certification # 53-2888  
 Signed ANM Expiration Date: 09/17/11



VIRGINIA DEQ		CATHODIC PROTECTION SYSTEM EVALUATION FORM				7531-CP (11/05)	
<ul style="list-style-type: none"> <li>&gt; This form should be utilized to evaluate underground storage tank (UST) cathodic protection systems in the Commonwealth of Virginia.</li> <li>&gt; Access to the soil directly over the cathodically protected structure that is being evaluated must be provided.</li> <li>&gt; A site drawing depicting the UST cathodic protection system and all reference electrode placements must be completed.</li> </ul>							
<b>I. UST OWNER</b>				<b>II. UST FACILITY</b>			
NAME: USP-NJPO				NAME: USP-NJPO		ID #	
ADDRESS: 5703 HOLLAND RD.		ADNAN		ADDRESS: 5703 HOLLAND RD.			
CITY: SUFFOLK		PHONE: 551-556-4133		CITY: SUFFOLK		CONTACT: (DAWN @ NTCA)	
STATE: SUFFOLK		ZIP: VA 23434		STATE: VA		ZIP: 23434	
						PHONE: 440-237-9200	
<b>III. REASON SURVEY WAS CONDUCTED (mark only one)</b>							
<input checked="" type="checkbox"/> Routine - 3 year		Routine - within 6 months of installation		90-day re-survey after fail		Re-survey after repair/modification	
Date next cathodic protection survey must be conducted <u>11/4/11</u> (required within 6 months of installation/repair & every 3 years thereafter).							
<b>IV. CATHODIC PROTECTION TESTER'S EVALUATION (mark only one)</b>							
<input type="checkbox"/> PASS		All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VI).					
<input checked="" type="checkbox"/> FAIL		One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system(s) (complete Section VII).					
TESTER'S NAME: PHILLIP STONE				SOURCE OF CERTIFICATION: NACE			
COMPANY NAME: SUPERIOR SERVICES				TYPE OF CERTIFICATION: CATHODIC PROTECTION TECHNICIAN			
ADDRESS: PO BOX 982				CERTIFICATION NUMBER: # 6021			
CITY: HENDERSONVILLE		STATE: NC		ZIP: 28793		PHONE: 828-698-6286	
CP TESTER'S SIGNATURE: 				DATE SIGNED: 8/9/11		DATE CP SURVEY PERFORMED: 8/4/11	
<b>V. CORROSION EXPERT'S EVALUATION (mark only one)</b>							
The survey must be conducted and/or evaluated by a <u>corrosion expert</u> when: a) supplemental anodes or other changes in the construction of the cathodic protection system are made; b) stray current may be affecting buried metallic structures or c) an inconclusive result was written in Section VI. (except for under STI-R972 - "Recommended Practice for the Addition of Supplemental Anodes to sti-P <sub>3</sub> ® UST's")							
<input type="checkbox"/> PASS		All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VI).					
<input type="checkbox"/> FAIL		One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system (indicate what action is necessary by completion of Section VII).					
CORROSION EXPERT'S NAME:				SOURCE OF CERTIFICATION:			
COMPANY NAME:				TYPE OF CERTIFICATION:			
ADDRESS:				CERTIFICATION NUMBER:			
CITY:		STATE:		ZIP:		PHONE:	
CORROSION EXPERT'S SIGNATURE:						DATE:	
<b>VI. CRITERIA APPLICABLE TO EVALUATION (mark all that apply)</b>							
<input checked="" type="checkbox"/> - 850mV ON / (Instant) OFF		Structure-to-soil potential more negative than -850 mV with respect to a Cu/CuSO <sub>4</sub> reference electrode with protective current ON (galvanic) or temporarily interrupted (instant-OFF (impressed)). <b>Inconclusive?</b>					
<input type="checkbox"/> 100 mV POLARIZATION		Structure(s) exhibit at least 100 mV of cathodic polarization. <b>Inconclusive?</b>					
<b>VII. ACTION REQUIRED AS A RESULT OF THIS EVALUATION (mark only one)</b>							
<input type="checkbox"/> NONE		Cathodic protection is adequate. No further action is necessary at this time. Test again by no later than (see Section V).					
<input type="checkbox"/> RETEST		Cathodic protection may not be adequate. Retest during the next 90 days to determine if passing results can be achieved.					
<input checked="" type="checkbox"/> REPAIR & RETEST		Cathodic protection is not adequate. Repair/modification is necessary as soon as practical but within the next 90 days.					
PRODUCED BY THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY, UST PROGRAM PO BOX 10009, RICHMOND, VA 23230-0009 PHONE (804) 698-4010 FACSIMILE (804) 698-4266 www.deq.virginia.gov							

**VIII. DESCRIPTION OF UST SYSTEM**

TANK #	PRODUCT	CAPACITY	TANK MATERIAL	PIPING MATERIAL	FLEX CONNECTORS
1	REG 1	6,000	STEEL/LINED	FRP	YES
2	REG 2	6,000	STEEL/LINED	FRP	YES
3	SUPER	6,000	STEEL/LINED	FRP	YES
4	DIESEL	6,000	STEEL/LINED	FRP	YES
5					

**IX. IMPRESSED CURRENT RECTIFIER DATA (complete all applicable)**

In order to conduct an effective evaluation of the cathodic protection system, a complete evaluation of rectifier operation is necessary.

RECTIFIER MANUFACTURER: ILFC	RATED DC OUTPUT: 40 VOLTS 6 AMPS
RECTIFIER MODEL: WSTA-40-6-CMPTW	RECTIFIER SERIAL NUMBER: 99C303
RECTIFIER OUTPUT AS INITIALLY DESIGNED OR LASTLY RECOMMENDED (if available): _____ VOLTS _____ AMPS	

EVENT	DATE	TAP SETTINGS		DC OUTPUT		HOUR METER	COMMENTS
		COARSE	FINE	VOLTS	AMPS		
"AS FOUND"	8/4/11	B	2	16.01	2.80		
"AS LEFT"	8/4/11	B	2	16.01	2.80		

**X. IMPRESSED CURRENT POSITIVE & NEGATIVE CIRCUIT MEASUREMENTS (output amperage)**

Complete if the system is designed to allow such measurements (i.e. individual lead wires for each anode are installed and measurement shunts are present).

CIRCUIT	1	2	3	4	5	6	7	8	9	10	TOTAL AMPS
ANODE (+)											
TANK (-)											

**XI. DESCRIPTION OF CATHODIC PROTECTION SYSTEM REPAIRS AND/OR MODIFICATION**

Complete if any repairs or modifications to the cathodic protection system are made OR are necessary. Certain repairs/modifications as explained in the text of the VADEQ cathodic protection guidance document are required to be designed and/or evaluated by a corrosion expert (completion of Section V required).

Additional anodes for an impressed current system (attach corrosion expert's design).
Supplemental anodes for a STI-P3® tank or metallic pipe (attach corrosion expert's design or documentation industry standard was followed).
Repairs or replacement of rectifier (explain in "Remarks/Other" below).
Anode header cables repaired and/or replaced(explain in "Remarks/Other" below).
Impressed current protected tanks/piping not electrically continuous (explain in "Remarks/Other" below).
Galvanically protected tanks/piping NOT electrically isolated (explain in "Remarks/Other" below).

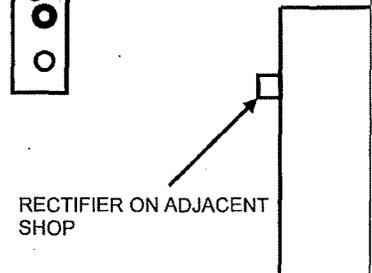
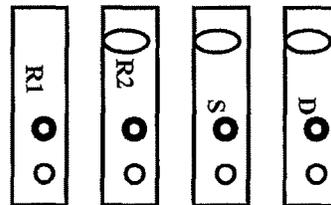
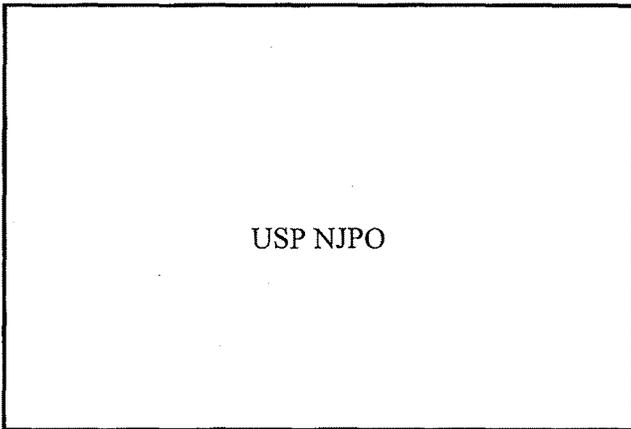
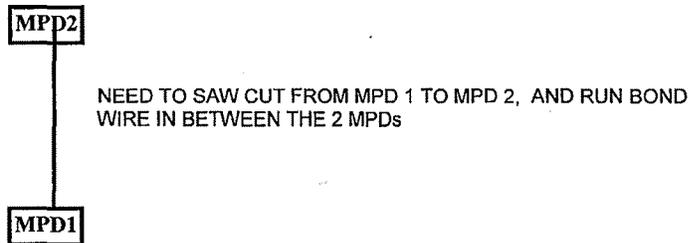
**Remarks/Other:** TANKS ARE INTERIOR LINED STEEL TANKS WITH IMPRESSED CURRENT. THE TANKS WILL ALL MEET CRITERIA. THERE ARE FLEXES AT MPD 1 & MPD 2. THE FLEXES AT MPD 1 ARE CONTINUOUS TO THE RECTIFIER. THERE ARE NO ANODES OUT IN THIS AREA AND THEIR POTENTIALS WILL NOT MEET CRITERIA. AT MPD 2 THE FLEXES ARE NOT BONDED INTO THE IMPRESSED CURRENT SYSTEM. THEY MUST BE BONDED BEFORE THEY CAN BE TESTED. THERE IS ALSO NO ANODES OUT IN THIS AREA. ALL FLEXES AT BOTH MPDs, AFTER THE BOND IS INSTALLED AT MPD 2, WILL REQUIRE THE ADDITION OF SACRIFICIAL ANODES FOR THEIR PROTECTION. IT WILL SUPPLEMENT WHAT PROTECTION THEY ARE RECEIVING FROM THE IMPRESSED CURRENT SYSTEM. ALSO BOTH THE VOLT AND AMP METER IN THIS RECTIFIER MUST BE REPLACED. BOTH ARE NOT FUNCTIONING CORRECTLY.

## XII. UST FACILITY SITE DRAWING

Attach detailed drawing of the UST and cathodic protection systems. Sufficient detail must be given in order to clearly indicate where the reference electrode was placed for each structure-to-soil potential that is recorded on the survey forms. Any pertinent data must also be included. At a minimum indicate the following: all tanks, piping and dispensers; all buildings and streets; all anodes and wires; location of CP test stations; and, each reference electrode placement must be indicated by a code (1, 2, 3; R-1, R-2, R-3...etc.) corresponding with the appropriate line number in Section XIV of this form. (Note, CP test stations (PP4) may be questionable for use as described in Section 6.1.2)

**AN EVALUATION OF THE CATHODIC PROTECTION SYSTEM IS NOT COMPLETE WITHOUT AN ACCEPTABLE SITE DRAWING.**

- PRODUCT FILL
- TANK MONITOR RISER
- SUBMERSED PUMP





## XIV. CATHODIC PROTECTION SYSTEM SURVEY

This section may be utilized to conduct a survey of the cathodic protection system by obtaining structure-to-soil potential measurements.

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>➤ <b>For Impressed Current systems:</b> the reference electrode must be placed (minimum of three locations) in the soil directly above the structure that is being tested and as far away from any active anode as practical to obtain a valid structure-to-soil potential (refer to the VADEQ cathodic protection evaluation guidance document for detailed discussion of electrode placement).</li> <li>➤ Both "on" and "instant off" potentials must be measured for each structure that is intended to be under cathodic protection.</li> <li>➤ The "instant off" potential must be -850 mV or more negative or the 100 mV polarization criterion must be satisfied in order to pass.</li> </ul> | <ul style="list-style-type: none"> <li>➤ <b>For Galvanic systems:</b> the reference electrode must be placed (minimum of three locations) with at least one local and at least one placed remotely 25-100 feet away from the structure.</li> <li>➤ Both the local and remote voltage must be -850 mV or more negative, in order for the structure to pass.</li> <li>➤ Inconclusive is indicated when both the local and remote structure-to-soil potentials do not result in the same outcome (both must "pass" or both "fail").</li> <li>➤ As a place to record the "galvanic CP system voltage", use the "Instant Off Voltage" sixth column below.</li> </ul> |
|---|---|

FACILITY NAME: USP NJPO

NOTE: This survey is not complete unless all applicable parts of sections I – XIV are also completed.

LOCATION <sup>1</sup> CODE	STRUCTURE <sup>2</sup>	CONTACT POINT <sup>3</sup>	REFERENCE CELL PLACEMENT <sup>4</sup>	ON <sup>5</sup> VOLTAGE	INSTANT <sup>6</sup> OFF VOLTAGE	100 mv polarization		PAS/ <sup>9</sup> FAIL
						ENDING <sup>7</sup> VOLTAGE	VOLTAGE <sup>8</sup> CHANGE	
(example) R1	(example) REG. TANK	(example) TANK BOTTOM	(example) SOIL @ REG. TANK STP MANWAY	(example) -1070mV	(example) -875 mV			PASS
(example) R2	(example) DIESEL PIPE	(example) DISPENSER 7/8	(example) SOIL @ DIESEL TANK STP MANWAY	(example) -810 mV	(example) -680 mV	(example) -575 mV	(example) 105 mV	PASS
	REG 1 TANK	FILL RISER	SOIL AT FILL END	-1373	-999			PASS
	REG 1 TANK	FILL RISER	SOIL AT TANK CENTER	-879	-856			PASS
	REG 1 TANK	FILL RISER	SOIL AT OPPOSITE END	-960	-918			PASS
	REG 2 TANK	FILL RISER	SOIL AT FILL END	-1700	-1063			PASS
	REG 2 TANK	FILL RISER	SOIL AT TANK CENTER	-950	-888			PASS
	REG 2 TANK	FILL RISER	SOIL AT OPPOSITE END	-1219	-963			PASS
	SUPER TANK	FILL RISER	SOIL AT FILL END	-1940	-1056			PASS
	SUPER TANK	FILL RISER	SOIL AT TANK CENTER	-1038	-961			PASS
	SUPER TANK	FILL RISER	SOIL AT OPPOSITE END	-1504	-959			PASS
	DIESEL TANK	FILL RISER	SOIL AT FILL END	-1784	-1071			PASS
	DIESEL TANK	FILL RISER	SOIL AT TANK CENTER	-1210	-1013			PASS
	DIESEL TANK	FILL RISER	SOIL AT OPPOSITE END	-1465	-968			PASS
	MPD 1 FLEXES	FLEXES	SOIL AT MPD	-713	-653			FAIL
	MPD 2 FLEXES	FLEXES	NOT BONDED					FAIL

COMMENTS: TANKS WILL MEET CRITERIA. FLEXES AT THE MPDs WILL NOT. THE FLEXES AT MPD 2 MUST BE BONDED INTO THE CP SYSTEM, AND FLEXES AT BOTH MPDs PROTECTION WILL NEED MAGNESIUM ANODES ADDED TO SUPPLEMENT THEIR PROTECTION.

1. Designate numerically or by code on the site drawing each local reference electrode placement (e.g. 1,2,3... T-1, T-2, P-1, P-2...etc.).
2. Describe the structure that is being tested (e.g. plus tank; diesel piping; flex connector, etc.).
3. Describe where the structure being tested is contacted by the test lead (e.g. plus tank bottom; diesel piping @ dispenser 7/8; etc.).
4. Describe the exact location where the reference electrode is placed for each measurement (e.g. soil @ regular tank STP manway; soil @ dispenser 2, etc.)
5. {Applies to all tests} Record the structure-to-soil potential (voltage) observed with the current applied (e.g. -1070 mV).
6. {Applies to all tests} Record the structure to soil potential (voltage) observed when the current is interrupted (e.g. 680 mV).
7. {Applies to 100 mV polarization test only} Record the voltage observed at the end of the test period (e.g. 575 mV).
8. {Applies to 100 mV polarization test only} Subtract the final voltage from the Instant off voltage (e.g. 680 mV – 575 mV = 105 mV).
9. Indicate if the tested structure passed or failed one of the two acceptable criteria (850 instant off or 100 mV polarization) based on your interpretation of data.

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PO BOX 10009, RICHMOND, VA 23230-0009 PHONE (804) 698-4010 FACSIMILE (804) 698-4266 www.deq.virginia.gov







Facility ID# 5007436  
5014425

Inspection Date: 6/15/2012

**III. UST SYSTEM DESCRIPTION – ACTIVE USTs**

**GENERAL INFORMATION:**

	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank#	Tank#
Date Installed:	<u>4/26/16</u>	<u>4/26/16</u>	<u>4/26/16</u>	<u>4/27/16</u>	<u>   </u>	<u>   </u>
Date of Upgrade (if applicable):	<u>   </u>	<u>   </u>	<u>   </u>	<u>   </u>	<u>   </u>	<u>   </u>
Tank Capacity (gallons):	<u>GK</u>	<u>GK</u>	<u>GK</u>	<u>GK</u>	<u>   </u>	<u>   </u>
Substance Stored:	<u>Gas</u>	<u>Gas</u>	<u>Gas</u>	<u>Gas</u>	<u>   </u>	<u>   </u>
Fill ports marked? (circle one)	<u>Yes</u> /No	<u>Yes</u> /No	<u>Yes</u> /No	<u>Yes</u> /No	Yes/No	Yes/No

**SPILL PREVENTION** - 7530 is only evidence of existence

Comments: SATISFACTORY

Spill Containment Device	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not Required (xfers <25gals.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**OVERFILL PREVENTION** - 7530 is only evidence of existence

Comments: SATISFACTORY

Shutoff / Flapper Valve	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ball Float	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Owner confirms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Form 7530 indicates present	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Alarm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not Required (xfers <25gals.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**CORROSION PROTECTION (TANK and PIPE)** - 7530 is only evidence of existence

Comments: SATISFACTORY

	Tank	Pipe	Tank	Pipe	Tank	Pipe	Tank	Pipe	Tank	Pipe
Cathodically Protected Metal (Impressed or Galvanic)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>						
Fiberglass— CP Not Required	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>						
Composite (Steel/Fiberglass)— CP Not Required	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>							
Secondary Containment / Double Walled— CP Not Required (if nonmetallic)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>							
Lined Interior— CP Not Required	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>							
Flexible Piping	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>							
Other Approved Method	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>							
Method name/type:	<u>   </u>	<u>   </u>	<u>   </u>							

Facility ID# 5208436  
~~5-014425~~

Inspection Date: 6/15/2012

**RELEASE DETECTION (TANK)** - 7530 is only evidence of existence   
 Tank# 1 Tank# 2 Tank# 3 Tank# 4 Tank#      Tank#     

Comments: SATISFACTORY

Inventory Control & TTT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Manual Tank Gauging (< 2K gal only)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Automatic Tank Gauging (ATG)	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vapor Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Groundwater Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interstitial Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SIR	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other Approved Method	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not Applicable (e.g. emergency generator UST)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**RELEASE DETECTION (PIPING)**  
 Comments: SATISFACTORY

**Pressurized and Gravity Fed Piping:**

Automatic Line Leak Detector(ALLD)						
+ Annual LTT or Monthly Monitor	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD + ATG/LLD (electronic)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD + Vapor Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD + Groundwater Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD + Interstitial Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD + Other Approved Methods (SIR)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Suction Piping, Regulated:**

Line Tightness Testing	<input type="radio"/>					
Vapor Monitoring	<input type="radio"/>					
Groundwater Monitoring	<input type="radio"/>					
Interstitial Monitoring	<input type="radio"/>					
Other Approved Method (SIR)	<input type="radio"/>					

**Suction Piping - Unregulated**

Release Detection not required if check valve at dispenser & piping slopes toward tank	<input type="radio"/>					
Form 7530 indicates present	<input type="radio"/>					

<b>Gravity Fed Piping - Unregulated</b>	<input type="radio"/>					
---	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------

5008436

Facility ID# 5-014425

Inspection Date: 6/15/2012

IV. TANK RELEASE DETECTION -- DETAILED REVIEW

**INVENTORY CONTROL + TANK TIGHTNESS TESTING (TTT)**  Not Applicable  Not Eligible

	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank # 6
Applicable Tanks:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Eligibility expiration date:	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Records: Complete <input type="radio"/> Incomplete <input type="radio"/> No Records <input type="radio"/> Month/year reviewed: ___/___; ___/___; ___/___						
Daily stick readings to 1/8"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Monthly reconciliation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Monthly water monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date of last TTT	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Tank passed TTT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fill line/access port with drop tube	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unable to verify drop tube	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dipstick:						
Marked legibly to 1/8"	Yes <input type="radio"/>	No <input type="radio"/> N/A <input type="radio"/>				
In serviceable condition	Yes <input type="radio"/>	No <input type="radio"/> N/A <input type="radio"/>				
Comments:	_____					

**MANUAL TANK GAUGING**  Not Applicable  Not Eligible

	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank # 6
Applicable Tanks:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Eligibility expiration date:	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Method does not expire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tank is 2,000 gallons or less	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Records: Complete <input type="radio"/> Incomplete <input type="radio"/> No Records <input type="radio"/> Month/year reviewed: ___/___; ___/___; ___/___						
Stick readings to 1/8"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Two liquid measurements taken	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Method is performed weekly	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Results variation within standard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date last monitoring	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Tank Tightness Test (TTT)						
Date of last TTT	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Tank passed TTT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TTT NOT Required	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dipstick:						
Marked legibly to 1/8"	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>					
In serviceable condition	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>					
Comments:	_____					

5008436  
Facility ID# 5-014425

Inspection Date: 6/15/2012

**IV. TANK RELEASE DETECTION -- DETAILED REVIEW** (continued)

**AUTOMATIC TANK GAUGING (ATG)**       Not Applicable

	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6

Applicable Tanks: \_\_\_\_\_

Records: Complete  Incomplete  No Records  Month/year reviewed: 6/12 4/12 2/12 12/11

Meets / exceeds .2gph  No

Date last monitoring event. 6/12/12 6/12/12 6/12/12 6/12/12 1/1 1/1

System appears functional Yes  No

ATG type/vendor V/R

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**VAPOR MONITORING**       Not Applicable

	<input type="radio"/>					
	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6

Applicable Tanks: \_\_\_\_\_

Number of vapor monitoring wells at facility. Number: \_\_\_\_\_

Records: Complete  Incomplete  No Records  Month/year reviewed: / / ; / / ; / /

Data recorded monthly

Date last monitoring event. / / / / / / / / / / / /

Wells adjacent to excavation Yes  No

Type of detection equipment used \_\_\_\_\_

Monitoring device operative Yes  No

Assessment performed to determine that wells have been properly installed according to regulations Yes  No

Background levels recorded Yes  No

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5008436  
Facility ID# 5-014425

Inspection Date: 6/15/2012

**IV. TANK RELEASE DETECTION - DETAILED REVIEW (continued)**

**GROUNDWATER MONITORING**

Not Applicable

Applicable Tanks: Tank# 1  Tank# 2  Tank# 3  Tank# 4  Tank# 5  Tank# 6

Number of release detection groundwater monitoring wells at facility. Number: \_\_\_\_\_

Records: Complete  Incomplete  No Records  Month/year reviewed: \_\_\_/\_\_\_/\_\_\_; \_\_\_/\_\_\_/\_\_\_; \_\_\_/\_\_\_/\_\_\_

Data recorded monthly

Date last monitoring event. \_\_\_/\_\_\_/\_\_\_ \_\_\_/\_\_\_/\_\_\_ \_\_\_/\_\_\_/\_\_\_ \_\_\_/\_\_\_/\_\_\_ \_\_\_/\_\_\_/\_\_\_ \_\_\_/\_\_\_/\_\_\_

Wells intercept or are adjacent to excavation zone Yes  No

Specific gravity < 1; immiscible

Device detects 1/8" of free product Yes  No

If auto monitor, device operational Yes  No

Assessment performed to determine that wells have been properly installed according to regulations Yes  No

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**INTERSTITIAL MONITORING**

Not Applicable

Applicable Tanks: Tank# 1  Tank# 2  Tank# 3  Tank# 4  Tank# 5  Tank# 6

Records: Complete  Incomplete  No Records  Month/year reviewed: \_\_\_/\_\_\_/\_\_\_; \_\_\_/\_\_\_/\_\_\_; \_\_\_/\_\_\_/\_\_\_

Type of detection equipment used: \_\_\_\_\_

Date last monitoring event. \_\_\_/\_\_\_/\_\_\_ \_\_\_/\_\_\_/\_\_\_ \_\_\_/\_\_\_/\_\_\_ \_\_\_/\_\_\_/\_\_\_ \_\_\_/\_\_\_/\_\_\_ \_\_\_/\_\_\_/\_\_\_

Checked monthly; recorded

System appears functional Yes  No

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5008436  
Facility ID# 5-014425-

Inspection Date: 6/15/2012

**IV. TANK RELEASE DETECTION -- DETAILED REVIEW (continued)**

<b>SIR</b>	<input checked="" type="radio"/> Not Applicable					
	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
Applicable Tanks:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vendor name:	_____					
Method conducted at 0.2 gph leak rate or less	Yes <input type="radio"/> No <input type="radio"/>					
<b>Records:</b> Complete <input type="radio"/> Incomplete <input type="radio"/> No Records <input type="radio"/>	Month/year reviewed: <u>  /  /  </u> ; <u>  /  /  </u> ; <u>  /  /  </u>					
Date of last SIR report.	<u>  /  /  </u>	<u>  /  /  </u>	<u>  /  /  </u>	<u>  /  /  </u>	<u>  /  /  </u>	<u>  /  /  </u>
Daily stick readings to 1/8"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dipstick / probe:						
Marked legibly to 1/8"	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
In serviceable condition	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
Results of Airconclusive <sub>2</sub> were investigated and corrected	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>					
System appears functional	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
Tank Tightness Test required	Yes <input type="radio"/>	No <input type="radio"/>				
Date of Tank Test	<u>  /  /  </u>	<u>  /  /  </u>	<u>  /  /  </u>	<u>  /  /  </u>	<u>  /  /  </u>	<u>  /  /  </u>
<b>Comments:</b>	_____ _____ _____ _____ _____ _____ _____ _____ _____ _____					

<b>OTHER METHOD(S)</b>	<input checked="" type="radio"/> Not Applicable					
	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
Applicable Tanks:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Specify type/vendor:	_____					
<b>Records:</b> Complete <input type="radio"/> Incomplete <input type="radio"/> No Records <input type="radio"/>	month/year reviewed: <u>  /  /  </u> ; <u>  /  /  </u> ; <u>  /  /  </u>					
.2GPH (PD= 0.95; PFA 0.05)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Uses Board approved method	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Comments:</b>	_____ _____					

**V. PIPING RELEASE DETECTION -- DETAILED REVIEW**

**Release Detection For Pressurized & Gravity Fed Piping:**

Not Applicable     Not Eligible

Tank# 1    Tank# 2    Tank# 3    Tank# 4    Tank# 5    Tank# 6

**Automatic Line Leak Detector (ALLD) Type:**

Automatic flow restrictor	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Automatic shut-off device	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Continuous alarm system	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electronic Line Leak Detectors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Manufacturer / Model:	_____					
Not field verified	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Form 7530 indicates present	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD Records: Yes <input checked="" type="radio"/> No <input type="radio"/> Incomplete <input type="radio"/>						
ALLD tested past year	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date of last test event:	<u>7/14/11</u>	<u>7/14/11</u>	<u>7/14/11</u>	<u>7/14/11</u>	<u>  /  /  </u>	<u>  /  /  </u>
ALLD Passed Test	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

**AND Either Annual Line Tightness Test (ALTT) OR Monthly Monitoring:**

**Annual Line Tightness Testing**

ALTT Records: Yes  No  Incomplete

Lines tested in last 12 months	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lines passed test	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date last testing.	<u>7/14/11</u>	<u>7/14/11</u>	<u>7/14/11</u>	<u>7/14/11</u>	<u>  /  /  </u>	<u>  /  /  </u>

**Monthly Monitoring (One method must be selected from the following list)**

**Automatic tank gauging (ATG)**

ATG Monthly monitor (0.2 gph) 

ATG Records: Yes  No  Incomplete     month/year reviewed:   /  /  ;   /  /  ;   /  /  ;   /  /

Lines passed ATG Test	<input type="radio"/>					
Monitoring data on file	<input type="radio"/>					
Date last monitoring.	<u>  /  /  </u>					

Vapor monitoring	<input type="radio"/>					
Groundwater monitoring	<input type="radio"/>					
Interstitial monitoring	<input type="radio"/>					
Other approved method (e.g. SIR)	<input type="radio"/>					
Gravity Fed (Rel. Det. Not Req'd)	<input type="radio"/>					

UST Inspection Checklist (Revised 08/10)

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5008436

Facility ID# 5-014425

Inspection Date: 6/15/2012

**Release Detection For Regulated Suction Piping: (One method must be selected from the following list)**

Not Applicable

Line Tightness Testing (every 3 yrs.)	<input type="radio"/>					
LTT Records: Yes <input type="radio"/> No <input type="radio"/> Incomplete <input type="radio"/>						
Lines passed test	<input type="radio"/>					
Date last testing	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Vapor monitoring	<input type="radio"/>					
Groundwater monitoring	<input type="radio"/>					
Interstitial monitoring	<input type="radio"/>					
Other method approved (e.g. SIR)	<input type="radio"/>					
Comments:	_____					
Suction w/Check Valve (Rel. Det. Not Req'd)	<input type="radio"/>					

**VI. CORROSION PROTECTION SYSTEM -- DETAILED REVIEW**

<input type="radio"/> Not Applicable	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank#
Type of Tank Corrosion Protection:						
New / Existing Tank (Sti-P3)	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Upgraded Existing Tank: Date:	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Impressed Current	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sacrificial Anode(s)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internal Lining	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inspected (prior; 10yr.; 5yr.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Last Inspection Date Date:	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Records: Yes <input checked="" type="radio"/> No <input type="radio"/> Incomplete <input type="radio"/>						
System passed CP test	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date of most recent test	11/18/11	11/18/11	11/18/11	11/19/11	___/___/___	___/___/___
Inspection every 60 days (if impressed current)	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Records of post-failure test	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For Existing tanks upgraded with cathodic protection:						
Acceptable tank assessment prior: Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Tank <10 years old at time of upgrade:						
Monthly monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TTT prior + 6 mo. after upgrade	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dates of TTTs: Date:	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Date:	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Methods which are not dependent on tank age:						
Internally Inspected (for lining)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internally Inspected (for CP)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ASTM ES40-94 (11/94-3/22/98)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Facility ID# 8008436  
5-014425

Inspection Date: 6/15/2012

**VII. UST SYSTEM DESCRIPTION – INACTIVE (IMPROPERLY CLOSED) USTs:**

**GENERAL INFORMATION:**

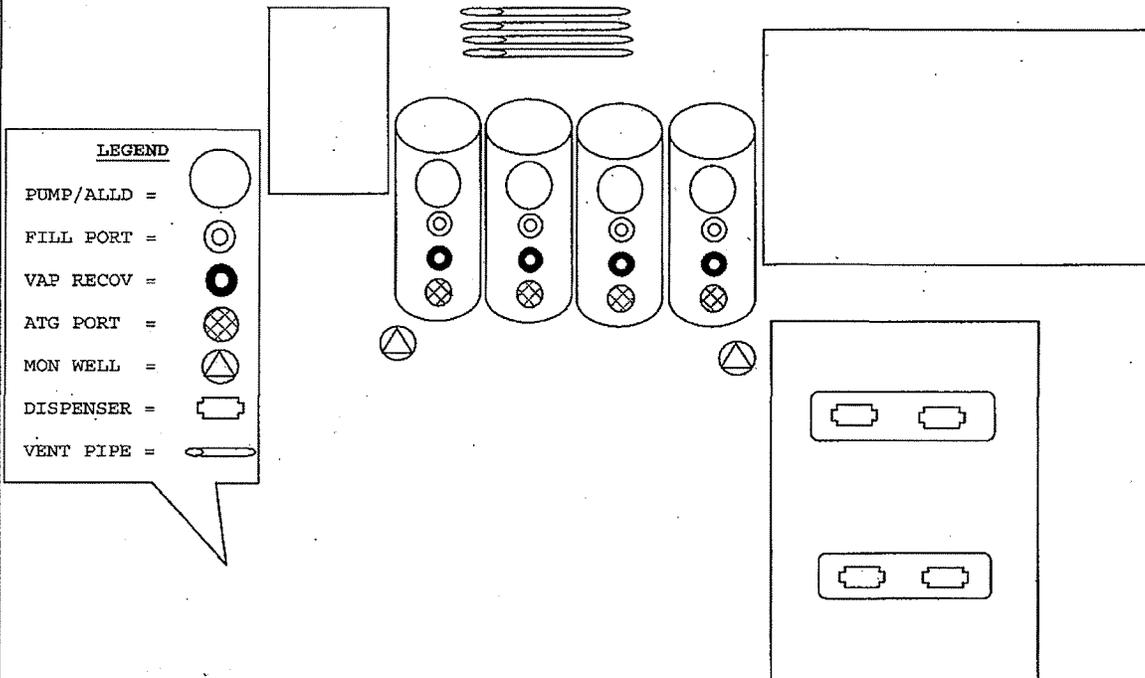
Not Applicable

Tank designator: ~~Closed Tank#~~ ~~Closed Tank #~~ ~~Closed Tank#~~ ~~Closed Tank#~~ ~~Closed Tank#~~ ~~Closed Tank#~~  
Date Closed/Out of service: ~~\_\_\_\_/\_\_\_\_/\_\_\_\_~~ ~~\_\_\_\_/\_\_\_\_/\_\_\_\_~~ ~~\_\_\_\_/\_\_\_\_/\_\_\_\_~~ ~~\_\_\_\_/\_\_\_\_/\_\_\_\_~~ ~~\_\_\_\_/\_\_\_\_/\_\_\_\_~~ ~~\_\_\_\_/\_\_\_\_/\_\_\_\_~~  
Tank Capacity (gallons): ~~\_\_\_\_\_~~ ~~\_\_\_\_\_~~ ~~\_\_\_\_\_~~ ~~\_\_\_\_\_~~ ~~\_\_\_\_\_~~ ~~\_\_\_\_\_~~  
Substance last stored in tank: ~~\_\_\_\_\_~~ ~~\_\_\_\_\_~~ ~~\_\_\_\_\_~~ ~~\_\_\_\_\_~~ ~~\_\_\_\_\_~~ ~~\_\_\_\_\_~~  
Appears the tank was closed without notifying DEQ: ~~\_\_\_\_\_~~  
# of USTs Closed Prior to 12/22/88 (Previously closed): ~~\_\_\_\_\_~~  
Closed UST Owner/Operator Name(s): ~~\_\_\_\_\_~~  
Street Address: ~~\_\_\_\_\_~~  
City: ~~\_\_\_\_\_~~ State: ~~\_\_\_\_\_~~ Zip: ~~\_\_\_\_\_~~  
Phone: ~~\_\_\_\_\_~~

Comments: ~~\_\_\_\_\_~~

**Facility Site Sketch: (Mark wells/problems on map.)**

**NORTH** ↗



*Holland Rd*



# Petro-Tite® Line Test Data Sheet

3611 Thurston Road Phone: (804) 271-4456  
 Richmond VA 23237 FAX: 1-888-201-7900

LOCATION: Aylin Amoco Food Shop 5703 Holland Rd Suffolk, VA 23434

OWNER: Aylin Amoco Food Shop 5703 Holland Rd Suffolk, VA 23434

REASON FOR TEST: routine TEST DATE **02/07/2013**

TEST REQUESTED BY: Mehmet Bariskan Genesis Petroleum

COMPANY PERFORMING TEST/TECHNICIAN'S NAME BesTesT, LLC. Adam N. Murray

Is a tank test to be made YES  
 with this line test?  NO Make and type of pump & dispensers Wayne disp's & RJ stp's

WEATHER mild Cover over lines Concrete & Asphalt Approx burial depth 2.5'

IDENTIFY EACH LINE AS TESTED	TIME 24:00	LOG OF TEST PROCEDURES, AMBIENT TEMPERATURE, WEATHER, ETC.	PRESSURE		VOLUME		TEST RESULTS CONCLUSIONS, REPAIRS, AND COMMENTS
			psi or kPa		READING		
			Before	After	Before	After	
Unleaded	0936	attached line test adapter					
	0941	test press/begin		50psi		.041	
	0956	line test, con't	50	50	.041	.041	+0.00
	1011	" "	50	50	.041	.041	+0.00
	1026	" "	50	50	.041	.041	+0.00
	1041	" "	50	50	.041	.041	+0.00
	1042	bleedback check	50	0	.041	.064	+0.23
Super	1004	attached line test adapter					
	1009	test press/begin		50psi		.017	
	1024	line test, con't	50	50	.017	.017	+0.00
	1039	" "	50	50	.017	.017	+0.00
	1054	" "	50	50	.017	.017	+0.00
	1109	" "	50	50	.017	.017	+0.00
	1110	bleedback check	50	0	.017	.050	+0.33
Diesel	1029	attached line test adapter					
	1034	test press/begin		50psi		.028	
	1049	line test, con't	50	50	.028	.028	+0.00
	1104	" "	50	50	.028	.028	+0.00
	1119	" "	50	50	.028	.028	+0.00
	1134	" "	50	50	.028	.028	+0.00
	1135	bleedback check	50	0	.028	.063	+0.35

Certification Leak rate of 0.1 gph with PD = 99.99% and PFA = 0.34%.  
 Leak Threshold: 0.05 gph. A pipeline system should not be declared tight if the test result indicates a loss that equals or exceeds this threshold. Vendor claims this equipment can detect leaks at .01 gph, and trains operators to declare leaks at .01 gph.

CX 16

EPA 220

**BESTEST** LLC.  
Complete Testing Services

3611 Thurston Road Phone: (804) 271-4456  
Richmond VA 23237 FAX: 1-888-201-7900

SITE DBA Aylin Amoco Food Shop

ADDRESS 5703 Holland Rd

Suffolk, VA 23434

TEST DATE 02/07/2013

TEST CONDUCTOR Adam N. Murray

OFFICE PHONE NUMBER (804) 271-4456

TEST PERFORMED PRODUCT (PASS/FAIL)

	<u>Off-Road</u>				
	<u>Unleaded</u>	<u>Super</u>	<u>Diesel</u>	<u>Diesel</u>	<u>Kerosene</u>
LEAK DETECTORS	✓/___	✓/___	✓/___	___/___	___/___
BALL FLOATS	___/___	___/___	___/___	___/___	___/___
SHEAR VALVES	___/___	___/___	___/___	___/___	___/___

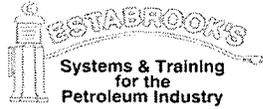
CORRECTIONS MADE None

CORRECTIONS NEEDED None

Testing performed per manufacturer's specifications



3611 Thurston Road  
Richmond VA 23237  
Phone: (804) 271-4456  
FAX: 1-888-201-7900



**PRESSURE CALCULATION & WATER SENSOR CALIBRATION  
TANK TEST FINAL REPORT SUMMARY**

MANUFACTURED BY: ESTABROOK'S INC. 1-877-368-7215

Testing Firm **BesTest, LLC**  
Address 3611 Thurston Rd  
Richmond, VA 23237  
Telephone # 804-271-4456

Date: **02/07/2013**  
Site: Aylin Amoco Food Shop  
5703 Holland Rd  
Suffolk, VA 23434

Tank #	1	2	3	4	5	6
Product	Unleaded #1	Unleaded #2	Super	Diesel		
Tank volume	6000	6000	6000	6000		
Tank diameter	96"	96"	96"	96"		
Product volume in inches	20"	17"	23"	36"		
Vacuum Pressure (psi)	0.5	0.5	0.5	0.5		
Height of Groundwater: from bottom of tank	141"	138"	142"	146"		
Determined by:	Ezstick	Ezstick	Ezstick	Ezstick		
Where:	tank field	tank field	tank field	tank field		
<b>SUMMARY of FINDINGS*</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>		
TIGHT TANK <sup>1</sup>	✓	✓	✓	✓		
ULLAGE LEAK <sup>2</sup>	n/a	n/a	n/a	n/a		
(WET) PORTION LEAK <sup>3</sup>	n/a	n/a	n/a	n/a		
Water intrusion (wet portion) <sup>4</sup>	n/a	n/a	n/a	n/a		

NOTES: Unleaded #1 – STP  
Unleaded #2 – siphon

**\* THE ACOUSTIC CHARACTERISTICS REVEAL:**

- <sup>1</sup>TIGHT TANK - THIS UNDERGROUND STORAGE TANK PASSES THE CRITERIA SET FORTH BY THE U.S. EPA.
- ~~<sup>2</sup>ULLAGE (DRY) PORTION OF LEAK - THIS UNDERGROUND TANK FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.~~
- ~~<sup>3</sup>BELOW PRODUCT LEVEL (WET) PORTION LEAK - THIS UNDERGROUND STORAGE TANK FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.~~
- ~~<sup>4</sup>Water intrusion (wet portion) - water sensor indicates water entering the tank below the product level during the test~~

**Operator Information**

Name Adam N. Murray Certification # 53-2888  
Signed ANM Expiration Date: 09/17/2013

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Virginia.gov



Commonwealth of Virginia  
**State Corporation Commission**

CISM0180

CORPORATE DATA INQUIRY

07/10/12

19:24:14

CORP ID: 0566995 - 7 STATUS: 10 TERM(AUTO AR/\$) STATUS DATE: 03/31/12  
CORP NAME: RT. 58 FOOD MART, INC.

DATE OF CERTIFICATE: 11/01/2001 PERIOD OF DURATION: INDUSTRY CODE: 00  
STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK  
MERGER IND: CONVERSION/DOMESTICATION IND:  
GOOD STANDING IND: N TERM(AUTO AR MONITOR INDICATOR:  
CHARTER FEE: 50.00 MON NO: MON STATUS: MONITOR DTE:  
R/A NAME: RANDOLPH A RAINES JR

STREET: 332 W CONSTANCE RD AR RTN MAIL:

CITY: SUFFOLK STATE : VA ZIP: 23434

R/A STATUS: 4 ATTORNEY EFF. DATE: 09/24/02 LOC : 220

ACCEPTED AR#: 210 21 7343 DATE: 06/25/10 SUFFOLK CITY

CURRENT AR#: 210 21 7343 DATE: 06/25/10 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
11	100.00	10.00	35.00		145.00	2,500

(Screen Id:/Corp\_Data\_Inquiry)

CX 17

EPA 223

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Virginia.gov

 Commonwealth of Virginia  
**State Corporation Commission**

CISM1001 OFFICERS/DIRECTORS AND PRINCIPAL OFFICE

07/10/12

19:34:05

CORPORATE ID: 0566995 7 CURRENT AR# 210-21-7343 DATE 06/25/10

CORP NAME: RT. 58 FOOD MART, INC.

STREET: 8012 TONNELLE AVENUE

CITY: NORTH BERGEN STATE: NJ ZIP: 07047

S C DIR REQUIRED: Y

E A OFFICERS/DIRECTORS DISPLAY FOR AR# 210-21-7343

L T NAME TITLE SIGN

B ADNAN KIRISCIOGLU PRESIDENT


(Screen Id:/Corp\_Officer\_Director PO\_Inquiry)

EPA 224

1 OF 1 RECORD(S)

## Virginia Secretary of State

### Corporate Filing

#### Business Information

Filing Number: 0566995  
Name: RT. 58 FOOD MART, INC.  
Name Type: LEGAL  
STANDARD Address: 8012 TONNELLE AVE  
NORTH BERGEN, NJ 07047-4622  
ORIGINAL Address: 8012 TONNELLE AVENUE  
NORTH BERGEN  
NJ  
07047  
Business Type: CORPORATION  
Status: ACTIVE  
Status Date: 06/25/2010  
Place Incorporated: VIRGINIA  
Date Incorporated: 11/01/2001  
Foreign/Domestic: DOMESTIC  
Terms: PERPETUAL  
Purpose: GENERAL

#### Registered Agent

Name: RAINES, RANDOLPH A  
Title: ATTORNEY  
Registered Agent Address 332 W CONSTANCE RD  
SUFFOLK, VA 23434-4962  
As of Date: 09/24/2002  
Registered Agent Information: COURT LOCALITY: SUFFOLK CITY

### Stock Information

#### Stock

Type: COMMON  
Issued Shares: 2,500  
Authorized Shares: 2,500

### Officers

Name: ADNAN KIRISCIUGLU  
Title: PRESIDENT  
Contact Type: ATTORNEY  
Standard Address: Type: OFFICER  
332 W CONSTANCE RD  
SUFFOLK, VA 23434-4962

### Historical Contacts

Name: KIRISCIUGLU, ADNAN  
Title: PRESIDENT  
Contact Type: ATTORNEY  
Standard Address: Type: OFFICER  
332 W CONSTANCE RD  
SUFFOLK, VA 23434-4962

## Historical Contacts

**Name:** KIRISCIOGLU, ADNAN  
**Title:**PRESIDENT  
**Contact Type:**OFFICER

**Name:** RAINES JR, RANDOLPH A  
**Title:**ATTORNEY  
**Contact Type:**ATTORNEY  
**Effective Date:**09/24/2002

**Standard Address:** Type:REGISTERED OFFICE  
332 W CONSTANCE RD  
SUFFOLK, VA 23434-4962

**Original Address:** 332 W CONSTANCE RD  
SUFFOLK  
VA  
234340000

**Important:** The Public Records and commercially available data sources used on reports have errors. Data is sometimes entered poorly, processed incorrectly and is generally not free from defect. This system should not be relied upon as definitively accurate. Before relying on any data this system supplies, it should be independently verified. For Secretary of State documents, the following data is for information purposes only and is not an official record. Certified copies may be obtained from that individual state's Department of State.

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Virginia.gov



Commonwealth of Virginia  
**State Corporation Commission**

07/11/12

CISM1001 OFFICERS/DIRECTORS AND PRINCIPAL OFFICE

10:44:47

CORPORATE ID: 0566987 4 CURRENT AR# 211-19-0372 DATE 11/09/11

CORP NAME: 8917 SOUTH QUAY RD. REALTY CORP.

STREET: 8012 TONNELLE AVE

CITY: NORTH BERGEN

STATE: NJ ZIP: 07047

S C

DIR REQUIRED: Y

E A

OFFICERS/DIRECTORS DISPLAY FOR AR# 211-19-0372

L T

NAME

TITLE

SIGN

B

ADNAN KIRISCIUGLU

PRESIDENT



(Screen Id:/Corp\_Officer\_Director PO\_Inquiry)

EPA 227

View: [Results List](#) | **Full**

1 of 1



**Search:** [Corporation Filings](#) > [Search Results](#) > Corporation Filings Report

**Terms:** company(**8917 south quay Rd Realty Corp.**) state(**VA**)  
( [Edit Search](#) | [New Search](#) )

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Delivery

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[Locate a Business  
\(Nationwide\)](#)  
[Uniform Commercial  
Code Filings](#)  
[Criminal Records](#)

**Virginia Secretary of State****Corporate Filing****Business Information**

<b>Filing Number:</b>	0566987
<b>Name:</b>	8917 SOUTH QUAY RD. REALTY CORP.
<b>Name Type:</b>	LEGAL
<b>Standard Address:</b>	8012 TONNELLE AVE NORTH BERGEN, NJ 07047-4622
<b>Original Address:</b>	8012 TONNELLE AVE NORTH BERGEN NJ 07047
<b>Business Type:</b>	CORPORATION
<b>Status:</b>	ACTIVE
<b>Status Date:</b>	11/01/2001
<b>Place Incorporated:</b>	VIRGINIA
<b>Date Incorporated:</b>	11/01/2001
<b>Foreign/Domestic:</b>	DOMESTIC
<b>Terms:</b>	PERPETUAL
<b>Purpose:</b>	GENERAL

**Registered Agent**

EPA 228

## Corporate Filing

<b>Name:</b>	KIRISCIOGLU, ADNAN
<b>Title:</b>	DIRECTOR
<b>Registered Agent Address:</b>	8917 S QUAY RD SUFFOLK, VA 23437-9220
<b>As of Date:</b>	11/01/2001
<b>Registered Agent Information:</b>	COURT LOCALITY: SUFFOLK CITY

## Stock Information

## Stock

<b>Type:</b>	COMMON
<b>Issued Shares:</b>	2,500
<b>Authorized Shares:</b>	2,500

## Stock

<b>Type:</b>	COMMON
<b>Issued Shares:</b>	2,500
<b>Authorized Shares:</b>	2,500

## Officers

Name	Date(s)	Standardized Address	Original Address
KIRISCIOGLU, ADNAN Title: PRESIDENT;PRESIDENT Contact Type: DIRECTOR		Type: OFFICER 8917 S QUAY RD SUFFOLK, VA 23437-9220	
KIRISCIOGLU, ADNAN Title: DIRECTOR Contact Type: DIRECTOR Effective Date: 11/01/2001		Type: REGISTERED OFFICE 8917 S QUAY RD SUFFOLK, VA 23437-9220	8917 S QUAY RD SUFFOLK VA 234340000

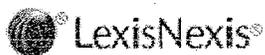
## Historical Contacts

Name	Date(s)	Standard Address	Original Address
KIRISCIOGLU, ADRIAN Title: PRESIDENT Contact Type: DIRECTOR		Type: OFFICER 8917 S QUAY RD SUFFOLK, VA 23437-9220	

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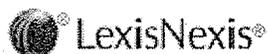


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View: [Results List](#) | **Full**1 of 6 [NEXT](#)**Search:** [Real Property](#) > [Search Results](#) > Real Property Report**Terms:** terms(**property-address(5703 holland or 8917 S Quay)**)  
( [Edit Search](#) | [New Search](#) )Select for  
Delivery**Further Searches**[Locate a Person](#)[\(Nationwide\)](#)[Bankruptcy Filings](#)[Foreclosures](#)[Judgments & Liens](#)**Assessment Record For SUFFOLK CITY County****Owner Information****Original Name:** 8917 SOUTH QUAY RD REALTY CORP (COMPANY/CORPORATION)**Standardized****Name:** 8917 SOUTH QUAY RD REALTY CORP**Original Address:** 1511 MIDDLE COUNGTRY RD  
SUFFOLK, VA 23437**Standardized** 1511 MIDDLE COUNGTRY RD**Address:** SUFFOLK, VA 23437  
SUFFOLK COUNTY**Property Information****Original Property** 8917 S QUAY RD  
**Address:** SUFFOLK, VA**Standardized** 8917 S QUAY RD  
**Property Address:** SUFFOLK, VA 23437-9220  
SUFFOLK COUNTY**Land Use:** CONVENIENCE STORE (7-11)**Data Source:** B**Legal Information****Assessor's Parcel****Number:** 49\*27A**EPA 230**

**Tax Account****Number:** 150560100**Recording Date:** 12/14/2001**Brief Description:** WELLONS, HWY. 189, RT. 616, CARSON**Legal Description:** DISTRICT: HN; CITY/MUNI/TWNSP: HOLY NECK BOROUGH; MAP: MB 1 PG 1619**Sale Information****Recording Date:** 12/14/2001**Sale Price:** \$220,000 - FULL AMOUNT**Document Number:** 10015842**Assessment Information****Assessment Year:** 2005**Assessed Land****Value:** \$27,700**Assessed****Improvement****Value:** \$114,600**Total Assessed****Value:** \$142,300**Tax Information****Tax Amount:** \$1,508.38**Tax Year:** 2005**Property Characteristics****Building Area:** 1,925 TOTAL**Square Footage:** 31799 SF

**Important:** The Public Records and commercially available data sources used on reports have errors. Data is sometimes entered poorly, processed incorrectly and is generally not free from defect. This system should not be relied upon as definitively accurate. Before relying on any data this system supplies, it should be independently verified. For Secretary of State documents, the following data is for information purposes only and is not an official record. Certified copies may be obtained from that individual state's Department of State.

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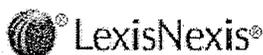
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**Search:** [Public Records](#) > [Property History](#) > Search Results

**Terms:** street address(8917 S. Quay) city(suffolk) state(VA) ( [Edit Search](#) | [New Search](#) )

8917 S QUAY RD  
SUFFOLK, VA 23437-9220

**Transaction History**

Sale Date	Buyer	Seller	Sale Price	Loan Amount	Lender	Recording Date	Source
	SOUTH, QUAY SOUTH, QUAY	INC, SUFFOLK ENERGIES	\$110,000.00	\$100,000.00	SUFFOLK ENERGIES INC	12/14/2001	A

**Additional Information**

**WARNING:** ⚠ Current resident does not match owner as of 4022 days ago

**Property Information**

<b>Address:</b> 8917 S QUAY RD SUFFOLK, VA 23437-9220	<b>Stories:</b>
<b>APN:</b> 150560100	<b>Number of Bedrooms:</b>
<b>Alt Parcel Number:</b>	<b>Baths:</b>
<b>Legal Description:</b> WELLONS,HWY.189,RT.616, CARSON	<b>Style:</b>
<b>Subdivision Name:</b> HOLY NECK BOROUGH	<b>Year Built:</b>
<b>Land Use:</b>	<b>Square Footage:</b>
<b>Land Value:</b> \$63,600.00	<b>Lot Size:</b> 31799
<b>Improvement Value:</b> \$239,000.00	<b>Condition:</b>
<b>Total Value:</b>	<b>Fireplace:</b>
<b>Assessed Value:</b> \$302,600.00	<b>Pool</b>
<b>Market Land Value:</b>	<b>Air Conditioning:</b>

# Notification for Underground Storage Tanks

FORM APPROVED  
OMB NO. 2050-0049  
APPROVAL EXPIRES 6-30-88

FOR  
TANKS  
IN  
VA

RETURN  
COMPLETED  
FORM  
TO

Russell P. Ellison, III, P.G.  
Virginia Water Control Board  
P.O. Box 11143  
Richmond, VA 23230-1143

(804) 257-8885

I.D. Number

STATE USE ONLY

5-074425

Date Received

April 10, 1989

## GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances; and

(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1970, or which is an intrastate pipeline facility regulated under State laws;

5. surface impoundments, pits, ponds, or lagoons;

6. storm water or waste water collection systems;

7. flow-through process tanks;

8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;

9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Completed notification forms should be sent to the address given at the top of this page.

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

## INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

### I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

SUFFOLK ENERGIES INC. T/A  
GRiffin OIL COMPANY

Street Address

122 1/2 HOLLAND ROAD

County

SUFFOLK

VIRGINIA

23434

City

804-

539-4261

State

ZIP Code

Area Code

Phone Number

Type of Owner (Mark all that apply)

Current

State or Local Gov't

Private or Corporate

Former

Federal Gov't  
(GSA facility I.D. no.)

Ownership uncertain

### II. LOCATION OF TANK(S)

(If same as Section I, mark box here )

Facility Name or Company Site Identifier, as applicable

Beale's Corner Trading Post

Street Address or State Road, as applicable

8917 South Quay Road

County

Suffolk

Virginia

23434

City (nearest)

State

ZIP Code

Indicate number of tanks at this location

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

### III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here )

Job Title

Area Code

Phone Number

### IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location.

### V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

Secretary

Signature

Conna L. Eaton

Date Signed

5-2-86

CONTINUE ON REVERSE SIDE

**VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)**

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 1	Tank No. 2	Tank No. 3	Tank No. 4	Tank No.
<b>1. Status of Tank</b> (Mark all that apply <input type="checkbox"/> ) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/86	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
<b>2. Estimated Age (Years)</b>	7yrs.	7yrs.	4yrs.	9yrs.	
<b>3. Estimated Total Capacity (Gallons)</b>	2000	2000	1000	550	
<b>4. Material of Construction</b> (Mark one <input type="checkbox"/> ) Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify _____	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
<b>5. Internal Protection</b> (Mark all that apply <input type="checkbox"/> ) Cathodic Protection Interior Lining (e.g., epoxy resins) None Unknown Other, Please Specify _____	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
<b>6. External Protection</b> (Mark all that apply <input type="checkbox"/> ) Cathodic Protection Painted (e.g., asphaltic) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify _____	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
<b>7. Piping</b> (Mark all that apply <input type="checkbox"/> ) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify _____	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
<b>8. Substance Currently or Last Stored in Greatest Quantity by Volume</b> (Mark all that apply <input type="checkbox"/> ) a. Empty b. Petroleum Diesel Kerosene Gasoline (including alcohol blends) Used Oil Other, Please Specify _____ c. Hazardous Substance Please Indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No. Mark box <input type="checkbox"/> if tank stores a mixture of substances d. Unknown	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>9. Additional Information (for tanks permanently taken out of service)</b> a. Estimated date last used (mo/yr) b. Estimated quantity of substance remaining (gal.) c. Mark box <input type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	/  <input type="checkbox"/>	/  <input type="checkbox"/>	/  <input type="checkbox"/>	/  <input type="checkbox"/>	/  <input type="checkbox"/>

# Notification for Underground Storage Tanks

FORM APPROVED  
OMB NO. 2030-0049  
APPROVAL EXPIRES 6-30-88

FOR TANKS IN VA

RETURN COMPLETED FORM TO

Russell P. Ellison, III, PG  
Virginia Water Control Board  
P.O. Box 11143  
Richmond, VA 23230-1143

(804) 257-8685

I.D. Number

STATE USE ONLY

5014425

Date Received

## GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1984, or that are brought into use after May 8, 1984. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

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(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

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2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;

5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

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Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

## INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

### I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)  
*Suffolk Energy Inc.*

Street Address  
*P.O. Box 1865*

County  
*Suffolk*

City  
*Suffolk* State  
*Va.* ZIP Code  
*23134*

Area Code  
*804* Phone Number  
*539-476*

Type of Owner (Mark all that apply)

Current  State or Local Gov't  Private or Corporate

Former  Federal Gov't (GSA facility I.D. no.)  Ownership uncertain

### II. LOCATION OF TANK(S)

(If same as Section I, mark box here )

Facility Name or Company Site Identifier, as applicable  
*DCC Fuel Plant #3*

Street Address or State Road, as applicable  
*8917 South Quay Rd*

County  
*Suffolk*

City (nearest)  
*Suffolk* State  
*Va.* ZIP Code  
*23134*

Indicate number of tanks at this location

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

### III. CONTACT PERSON AT TANK LOCATION

Name (if same as Section I, mark box here )  Job Title \_\_\_\_\_ Area Code \_\_\_\_\_ Phone Number \_\_\_\_\_

### IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location.

### V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative *W. T. Poind* Signature *[Signature]* Date Signed *4-6-89*

CONTINUE ON REVERSE SIDE

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., T23...)	Tank No.	Tank No.	Tank No.	Tank No.	Tank No.
I. Status of Tank (Mark all that apply) <input type="checkbox"/> Currently in Use <input type="checkbox"/> Temporarily Out of Use <input type="checkbox"/> Permanently Out of Use <input type="checkbox"/> Brought into Use after 5/8/86	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
II. Estimated Age (Years)	New	New	New		
III. Estimated Total Capacity (Gallons)	8000	8000	8000		
IV. Material of Construction (Mark one) <input type="checkbox"/> Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Unknown <input type="checkbox"/> Other, Please Specify	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
V. Internal Protection (Mark all that apply) <input type="checkbox"/> Cathodic Protection <input type="checkbox"/> Interior Lining (e.g., epoxy resin) <input type="checkbox"/> None <input type="checkbox"/> Unknown <input type="checkbox"/> Other, Please Specify	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VI. External Protection (Mark all that apply) <input type="checkbox"/> Cathodic Protection <input type="checkbox"/> Painted (e.g., asphaltic) <input type="checkbox"/> Fiberglass Reinforced Plastic Coated <input type="checkbox"/> None <input type="checkbox"/> Unknown <input type="checkbox"/> Other, Please Specify	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VII. Piping (Mark all that apply) <input type="checkbox"/> Bare Steel <input type="checkbox"/> Galvanized Steel <input type="checkbox"/> Fiberglass Reinforced Plastic <input type="checkbox"/> Cathodically Protected <input type="checkbox"/> Unknown <input type="checkbox"/> Other, Please Specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VIII. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply) <input type="checkbox"/> a. Empty <input type="checkbox"/> b. Petroleum <input type="checkbox"/> Diesel <input checked="" type="checkbox"/> Kerosene <input checked="" type="checkbox"/> Gasoline (including alcohol blends) <input type="checkbox"/> Used Oil <input type="checkbox"/> c. Hazardous Substance <input type="checkbox"/> d. Unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Please Indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No. Mark box <input type="checkbox"/> if tank stores a mixture of substances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IX. Additional Information (for tanks permanently taken out of service) a. Estimated date last used (mo/yr) b. Estimated quantity of substance remaining (gal.) c. Mark box <input type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	/	/	/	/	/
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# Notification for Underground Storage Tanks

STATE USE ONLY

State Agency Name and Address  
**DEQ-Water Division-UST Program** P.O. Box 10009  
Richmond, VA 23240-0009

ID NUMBER

DATE RECEIVED

### TYPE OF NOTIFICATION

A. NEW FACILITY     B. AMENDED     C. CLOSURE

A. NEW

B. AMENDED

C. ENTERED INTO UST-DMS

D. Comments:

No. of tanks at facility    No. of continuation sheets attached

### INSTRUCTIONS

Please type or print in ink all items except "signature" in section VIII. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy pages 3, 4 and 5, and staple continuation sheets to the form.

## GENERAL INFORMATION

Notification is required by Virginia law for all underground storage tanks that have been used to store regulated substances and were in the ground as of May 8, 1988, or that are brought into use after May 8, 1988. The information requested is required by § 62.1-44.34:9.6 & 7 of the Virginia State Water Control Law, Article 9.

The primary purpose of this notification program is to locate and evaluate underground storage tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonable available records, or in the absence of such records, your knowledge, belief, or recollection.

#### Who Must Notify?

A. Virginia State Water Control Law Article 9 § 62.1-44.34:9.6 & 7, requires that unless exempted, owners of underground storage tanks that store regulated substances must notify the State Water Control Board of the existence of their tanks. Owner means:

1) In the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use or dispensing of regulated substances, and

2) In the case of any underground storage tank in use before November 8, 1984; but no longer in use after that date, any person who owned such tank immediately before the discontinuation of its use, and

B. Owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground.

What UST's Must Be Notified? Underground storage tank or "UST" means any one or combination of tanks (including underground pipes connected thereto) that is used to contain an accumulation of regulated substances, and the volume of which (including the volume of underground pipes connected thereto) is 10% or more beneath the surface of the ground.

#### What UST's Are Excluded From Notification Requirements?

1. Farm or residential tank of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;

2. Tank used for storing heating oil for consumption on the premises where stored.

3. Septic tank;

4. Pipeline facility (including gathering lines) regulated under:

a. The Natural Gas Pipeline Safety Act of 1968 (49 U.S.C. App. 1671, et seq.), or

b. The Hazardous Liquid Pipeline Safety Act of 1979 (49 U.S.C. App. 2001, et seq.), or

c. Which is an intrastate pipeline facility regulated under state laws comparable to the provisions of the law referred to in subdivisions 4.a or 4.b of this definition;

5. Surface impoundment, pit, pond, or lagoon;

6. Storm-water or wastewater collection system;

7. Flow-through process tank;

8. Liquid trap or associated gathering lines directly related to oil or gas production and gathering operations; or

9. Storage tank situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

#### The Following Need Not Notify, But May Be Regulated.

10. Wastewater treatment tank systems;

11. Any UST systems containing radioactive material that are regulated under the Atomic Energy Act of 1954 (42 USC 2011 and following);

12. Any UST system that is part of an emergency generator system at nuclear power generation facilities regulated by the Nuclear Regulatory Commission under 10 CFR Part 50, Appendix A;

13. Airport hydrant fuel distribution systems; and

14. UST systems with field-constructed tanks

What Substances Are Covered? "Regulated substance" means an element, compound, mixture, solution, or substance that, when released into the environment, may present substantial danger to the public health or welfare, or the environment. The term "regulated substance" includes:

1. Any substance defined in § 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, but not any substance regulated as a hazardous waste under subtitle C of the Resource Conservation and Recovery Act (RCRA) of 1976; and

2. Petroleum, including crude oil or any fraction thereof, that is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute). The term "regulated substance" includes but is not limited to petroleum and petroleum-based substances comprised of a complex blend of hydrocarbons derived from crude oil through processes of separation, conversion, upgrading, and finishing, such as motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, and used oils.

#### When to Notify?

A. Any owner who brings an underground storage tank system into use must within 30 days of bringing such tank into use, submit a notice of existence of such tank system to the board. Any change in: ownership; tank status (e.g., temporarily / permanently closed out); tank/piping systems (e.g., upgrades such as addition of corrosion protection, internal lining, release detection); substance stored (e.g., change from petroleum to hazardous substance) requires the UST owner to submit an amended notification form within 30 days after such change/upgrade occurs or is brought into use. Owners may provide notice for several tanks using one notification form, but owners with tanks located at more than one place of operation must file a separate notification form for each separate place of operation.

Under Virginia UST notification requirements effective July 1, 1987, owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground, must notify the board on the notification form.

Notices required to be submitted must provide all of the information in Sections I through IX of this form (Section X as required) for each tank for which notice must be given. Notices for tanks installed after December 22, 1988, must also provide all of the information in Section XI of this form for each tank for which notice must be given.

B. All owners and operators of new UST systems must certify in the notification form compliance with the following requirements of Virginia Regulation 9 VAC 25-580-10, et seq:

1. Installation of tanks and piping under subsection E of § 2.1;

2. Cathodic protection of steel tanks and piping under subsections A and B of § 2.1;

3. Release detection under §§ 4.2 and 4.3

4. Financial responsibility under Virginia Regulation 9 VAC 25-590-10, et seq.

C. All owners and operators of new UST systems must ensure that the installer certifies in the notification form that the methods used to install the tanks and piping comply with the requirements in subsection D of § 2.1 of 9 VAC 25-580-10, et seq.

D. Beginning October 24, 1988, any person who sells a tank intended to be used as an underground storage tank must notify the purchaser of such tank of the owner's notification obligations under subsection A of this section. The statement provided in Appendix II of VR 880-13-02 may be used to comply with this requirement.

### I. OWNERSHIP OF TANK(S)

### II. LOCATION OF TANK(S)

Rt 58 Food Mart, Inc  
Owner Name (Corporation, Individual, Public Agency, or Other Entity)

8917 South Quay Rd.  
Street Address

Suffolk VA 23437  
City State ZIP Code

757-657 2388  
County Phone Number (Include Area Code)

If known, give the geographic location of tank(s) by degrees, minutes, and seconds. Example Lat. 42. 30' 12" N Long. 85. 24. 17" W

Latitude \_\_\_\_\_ Longitude **RECEIVED**

(If same as Section I, mark box here)

Pure JUL 16 2003  
Facility or Company Site Identifier, as applicable

8917 South Quay Rd. OSRR  
Street Address (P. O. Box not acceptable)

Suffolk VA 23437  
City State ZIP Code

County Municipality

III. TYPE OF OWNER		IV. INDIAN LANDS	
<input type="checkbox"/> Federal Government	<input checked="" type="checkbox"/> Commercial	Tanks are located on land in an Indian Reservation or on other trust lands. <input type="checkbox"/>	Tribe or Nation: _____
<input type="checkbox"/> State Government	<input type="checkbox"/> Private	Tanks are owned by Native American nation, tribe, or individual. <input type="checkbox"/>	
<input type="checkbox"/> Local Government			

**V. TYPE OF FACILITY**

Select the Appropriate Facility Description:

<input checked="" type="checkbox"/> Gas Station/Convenience Store	<input type="checkbox"/> State Government	<input type="checkbox"/> Contractor
<input type="checkbox"/> Petroleum Distributor	<input type="checkbox"/> Railroad	<input type="checkbox"/> Trucking/Transport
<input type="checkbox"/> Air Taxi (Airline)	<input type="checkbox"/> Federal - Non-Military	<input type="checkbox"/> Utilities
<input type="checkbox"/> Aircraft Owner	<input type="checkbox"/> Federal - Military	<input type="checkbox"/> Residential
<input type="checkbox"/> Auto Dealership	<input type="checkbox"/> Commercial	<input type="checkbox"/> Farm
<input type="checkbox"/> Local Government	<input type="checkbox"/> Industrial	<input type="checkbox"/> Other (Explain) _____

**VI. CONTACT PERSON IN CHARGE OF TANKS**

Name (Print)	Job Title	Mailing Address	Phone Number (Include Area Code)
TAMER ARKLAN	G. Mgr.	8417 South Quay Rd. Suffolk, VA 23437	757-657 2388

**VII. FINANCIAL RESPONSIBILITY**

I have met the financial responsibility requirements in accordance with VR680-13-03 utilizing the following method(s).

Mark All that Apply

<input type="checkbox"/> Self Insurance	<input type="checkbox"/> Guarantee	<input type="checkbox"/> Virginia Underground Petroleum Storage Tank Fund
<input checked="" type="checkbox"/> Commercial Insurance	<input type="checkbox"/> Surety Bond	<input type="checkbox"/> Trust Fund
<input type="checkbox"/> Risk Retention Group	<input type="checkbox"/> Letter of Credit	<input type="checkbox"/> Other Method Allowed (Specify)

**RECEIVED**  
JUL 16 2003

**VIII. CERTIFICATION (Read and sign after completing all sections)**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. (To be signed by either the owner or the owner's authorized representative)

Name and official title of owner (Print) Rt. 58 Food Mart, Inc By ADNAN KIRISIOGLU, Pres.	Signature <i>Adnan Kirisioğlu</i>	Date Signed 6/25/03
Name and official title of owner's authorized representative (Print)	Signature	Date Signed

# Notification for Underground Storage Tanks (USTs)

Virginia DEQ Water Form 7530-2

(See reverse for mailing instructions)

Rev. (01/03)

STATE USE ONLY

ID Number	5-014425
Date Received	6/27/03
Date Entered	7/9/03
Entered By	PAUL
Comments	

## PART I: PURPOSE OF NOTIFICATION

✓ Check all that apply:

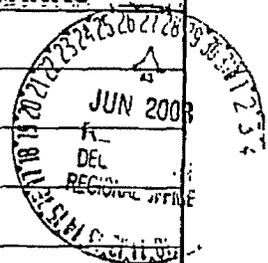
- |  |  |  |
|--|--|--|
| <input type="checkbox"/> New (not previously registered) facility      | <input type="checkbox"/> Temporary closure         | <input type="checkbox"/> Change in tank contents |
| <input type="checkbox"/> New tank(s) at previously registered facility | <input type="checkbox"/> Tank removal or closure   | <input checked="" type="checkbox"/> New owner    |
| <input type="checkbox"/> Change in tanks (e.g., upgrade)               | <input type="checkbox"/> Piping removal or closure | <input type="checkbox"/> Change in owner address |
| <input type="checkbox"/> Change in piping (e.g., upgrade)              | <input type="checkbox"/> Other (specify):          |  |

## PART II: OWNERSHIP OF TANKS

A. Owner Name Rt 58 Food Mart Inc
B. Owner Address 8417 South Augy Rd
C. City, State, Zip Suffolk, VA 23437
D. Name of Contact Person TAMER ARKLAN
E. Title of Contact Person G. Mgr.
F. Phone Number (757) 657 2388
Fax Number (757) 562 6902
G. E-mail Address
H. Name of Previous Owner Griffin Oil Co.

## PART III: LOCATION OF TANKS

A. Facility Name Pure
B. Facility Street Address (P.O. Box not acceptable) Same
C. City, Zip
D. County or Municipality where Facility is Located
E. Name of Contact Person Same
F. Title of Contact Person
G. Phone Number ( )
Fax Number ( )
H. E-mail Address



RECEIVED

JUL 16 2003

OSRR

## PART IV: TYPE OF OWNER

- |   |  |
|---|--|
| <input type="checkbox"/> Federal government | <input checked="" type="checkbox"/> Commercial |
| <input type="checkbox"/> State government   | <input type="checkbox"/> Private               |
| <input type="checkbox"/> Local government   |  |

## PART V: TYPE OF FACILITY

- |  |   |  |                                    |
|--|---|--|------------------------------------|
| <input checked="" type="checkbox"/> Retail gas station | <input type="checkbox"/> Federal non-military | <input type="checkbox"/> Commercial (non-resale) | <input type="checkbox"/> Residence |
| <input type="checkbox"/> Petroleum distributor         | <input type="checkbox"/> Federal military     | <input type="checkbox"/> Industrial              | <input type="checkbox"/> Farm      |
| <input type="checkbox"/> Local government              | <input type="checkbox"/> State government     | <input type="checkbox"/> Other                   |                                    |

## PART VI: FINANCIAL RESPONSIBILITY

The tank owner has met the financial responsibility requirements contained in 9 VAC 25-590-10 et seq. using the following methods/mechanisms

- |   |   |   |   |
|---|---|---|---|
| <input type="checkbox"/> Self Insurance | <input checked="" type="checkbox"/> Insurance | <input type="checkbox"/> Letter of Credit | <input type="checkbox"/> Virginia Petroleum Storage Tank Fund |
| <input type="checkbox"/> Guarantee      | <input type="checkbox"/> Surety Bond          | <input type="checkbox"/> Trust Fund       |   |

## PART VII: OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I understand that the owner of the underground storage tanks hereby registered is responsible for compliance with the requirements of Virginia Regulations 9 VAC 25-580-10 et seq. and federal regulation 40 CFR Part 280, among other requirements. I warrant and represent that I am the owner or that I have the authority to sign this certification on behalf of the owner. I understand that this notification form is sufficient evidence to establish ownership of tanks subject to 9 VAC 25-580-10 et seq.

ADWAN KIRISLIOGLU President Adwan Kirislioglu Signature 06/25/2003 Date

## PART VIII: INSTALLER CERTIFICATION

I certify that the installation of this tank was performed in accordance with all federal, state and local installation requirements. I warrant and represent that I am the installer or that I have the authority to sign this certification on behalf of the installer.

Name and Title (Type or Print) \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Company Name \_\_\_\_\_ Address \_\_\_\_\_ Telephone Number \_\_\_\_\_

**PART IX: TANK DESCRIPTION FOR NEW INSTALLATIONS AND AMENDMENTS**

Owner Tank Identification Number	1		2		3					
DEQ Tank Identification Number										
Tank Status	<input type="checkbox"/> New Tank <input checked="" type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment								
Date of Installation (MM/DD/YYYY)	8/1/88		8/1/88		8/1/88					
Date of Amendment (MM/DD/YYYY)	6/25/03		6/25/03		6/25/03					
Tank Capacity (Gallons)	8000		8000		8000					
Substance stored (if hazardous, include CERCLA name and/or CAS number)	Gasoline		Gasoline		Gasoline					
Material of Construction (v all that apply)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
	Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coated and Cathodically Protected/STI-P3®	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Impressed Current System Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Composite (Steel Clad with Fiberglass)ACT 100®	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Lined Interior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Polyethylene Tank Jacket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Excavation Liner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Asphalt Coated or Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Polyflexible piping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Galvanized Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Other (specify)										
Has tank/piping been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Piping Type	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
	Safe Suction (No Check Valve at Tank)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
U.S. Suction (Check Valve at Tank)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Pressure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gravity Fed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Release Detection	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
	Manual Tank Gauging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tightness Testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Inventory Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Tank Gauging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vapor Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Groundwater Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Interstitial Monitoring-Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Interstitial Monitoring-Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Automatic Line Leak Detectors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Statistical Inventory Reconciliation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Other (specify)										
Spill Containment & Overfill Prevention	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
	Spill Containment/Bucket	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overfill Automatic Shutoff	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overfill Alarm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Overfill Ball Float Valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					

**RCRA Subtitle I Inspection Report**  
**UST Compliance Evaluation Inspection**

Rt. 58 Food Mart  
8917 S. Quay Road  
Suffolk, Virginia 23437

Telephone Number: 757-657-2388

Date of Inspection: March 31, 2010

Facility ID: 5014425

EPA-Region 3 Inspectors:

Andrew Ma, Environmental Scientist  
Office of Land Enforcement  
(215)-814-3429

Melissa Toffel, Environmental Protection Specialist  
Office of Land Enforcement  
(215)-814-2060

Tank Owner:

Adnan Kiriscioglu, Owner  
New Jersey Petroleum Organization (NJPO)  
(201)-866-9000

Tank Owner Representative:

Tamer Arklan, General Manager  
NJPO  
(757)-562-2659

Jennifer Arklan, Former Employee  
NJPO

  
\_\_\_\_\_  
Andrew Ma

5/25/10  
Date

**CX 21**

**EPA 241**

## **Background**

On March 31, 2010 the United States Environmental Protection Agency ("EPA"), Region 3, Land and Chemicals Division, Office of Land Enforcement conducted a Compliance Evaluation Inspection ("CEI") of the underground storage tanks ("USTs") at the Rt. 58 Food Mart located at 8917 S. Quay Road, Suffolk, VA 23437 ("the Facility") to determine the extent of the compliance with Subtitle I of the Resource Conservation and Recovery Act ("RCRA"). The Virginia Department of Environmental Quality (VADEQ) was notified of the inspection on March 22, 2010, but no VADEQ representative was present at the inspection. EPA Enforcement Officer, Andrew Ma, contacted the owner of the Facility, Adnan Kiriscioglu of New Jersey Petroleum Organization (NJPO), and notified him of the EPA inspection 4 days prior to the inspection.

## **Inspection Observations**

### **Inspection Procedures:**

During a previous March 31, 2010 inspection at a different NJPO owned facility (Franklin Eagle Mart), EPA inspectors informed Mr. Tamer Arklan, the Facility manager, that they were scheduled to conduct a CEI at the Rt. 58 Food Mart. Inspectors asked Mr. Arklan if they would be able access to USTs at the Facility upon arriving to the Facility later in the morning on March 31, 2010. Mr. Arklan indicated that there is a station attendant working at the Rt. 58 Food Mart. He said he would inform her that EPA would be conducting an inspection, because he would be unable to attend the inspection. He also confirmed that EPA could access the USTs and the Facility, even though he would not be present during the inspection.

Upon arrival at 9:57 AM to the Rt. 58 Food Mart, EPA inspector Ma presented his credentials to the station attendant and informed her of the purpose of the inspection. The Facility representative indicated that she had not heard from Mr. Arklan regarding the inspection, but given that EPA inspectors had previously spoken with Mr. Arklan earlier that morning, she allowed the inspectors to proceed with the CEI. After completing the inspection, Mr. Ma completed the Region 3 UST Compliance Checklist, which is included as Attachment 1 to this report.

### **Tank Descriptions:**

The Facility has 3 USTs (See Table 1 below). Tank 1 (as referenced in the Photo Log in Attachment 2 and in Table 1) stores super gasoline, Tank 2 stores regular gasoline, and Tank 3 stores unleaded plus gasoline. At the time of the inspection, the Facility was not selling any gasoline. According to information gathered from the VADEQ prior to the inspection, all tanks are constructed of steel. Each tank was installed on 8/1/88, and each tank has an 8,000-gallon capacity. The tanks supply fuel to the dispensers via fiberglass reinforced plastic ("FRP") pressurized piping. See the site diagram sketch in Attachment 1 and Photo #1 in the Photo Log (Attachment 2) for an

overview of the Facility. For an overview of the UST field see Photo #2 of the Photo Log. The EPA inspectors observed one above-ground storage tank (AST) containing kerosene that was located next to the convenience store near the UST field.

**Table 1  
Underground Storage Tank and Piping details for the Facility located at  
8917 S. Quay Road, Suffolk, Virginia 23437**

Tank Number	Material Stored	Capacity (Gallons)	Installation Date	Tank Construction	Piping Construction Material
1	Gasoline (super)	8,000	8/1/88	SW cathodically-protected Steel	SW FRP
2	Gasoline (regular)	8,000	8/1/88	SW cathodically-protected steel	SW FRP
3	Gasoline (plus)	8,000	8/1/88	SW cathodically-protected steel	SW FRP

Fiberglass Reinforced Plastic ("FRP")

() – Denotes relative gasoline grade noted in Photo Log.

Single Walled – ("SW")

**Tank Release Detection:**

The inspectors observed a Veeder-Root ("VR") TLS-300 Automatic Tank Gauging ("ATG") monitoring system located in a back room in the convenience store. Please see Photo #3 in the Photo Log for a picture of the VR TLS-300 monitor. During the inspection, the VR TLS-300 monitor indicated a "Low Product Alarm," "Invalid Fuel Level," "Delivery Needed" for Tanks 1 – 3. The EPA inspectors printed a System Status Report and Inventory Report from the VR TLS-300 monitor (Attachment 3: VR TLS-300 ATG Printouts). A "Low Product Alarm," "Invalid Fuel Delivery," and "Delivery Needed" were indicated in the "System Status Report" for Tanks 1 – 3. The "Inventory Report" printout showed that at the time of the inspection Tank 1 (super) contained 415 gallons of gasoline, Tank 2 (regular) contained 281 gallons of gasoline, Tank 3 (plus) contained 208 gallons of gasoline. EPA inspectors also printed a "Leak Test Report" for Tanks 1-3 and each "Leak Test Report" indicated an invalid 0.20 gal/hr test result for each tank for March 31, 2010 (Attachment 3). Other VR TLS-300 records printed at the time of the inspection in Attachment 3 include the "Tank Leak Test History" and "Alarm History Report" for Tanks 1 – 3. Also included in Attachment 3 are the "System Setup", "In Tank Setup", and "In-Tank Diagnostic" reports from the VR TLS-300.

EPA inspectors lifted the lid to the ATG port for Tank 1 and observed that the ATG was completely submerged in liquid (Photo #6). The Tank 2 ATG port contained an ATG probe and small amounts of liquid in the port (Photo #9). The ATG port for Tank 3 contained an ATG probe and a small amount of soil (Photo #14).

During the earlier EPA CEI on March 31, 2010 at the Franklin Eagle Mart at 1397 Carrsville Road in Franklin, VA, EPA inspectors spoke with Mr. Tamer Arklan regarding the method of tank release detection for the Rt. 58 Food Mart. Mr. Arklan stated that the

Facility does not use the VR TLS-300 ATG as a form of release detection. Mr. Arklan stated that print outs of tank inventory reports from the VR TLS-300 monitor at the Facility are done every night. Sales data is entered into a computer, along with data from the tank inventory report, and this data is sent to NJPO at the end of each month to be submitted for monthly SIR. Mr. Arklan provided inspectors with a copy of the Facility sales data and tank inventory data for each UST, which was dated March 30, 2010 (Attachment 4). At the time of the inspection, the Facility did not have copies of the tank release detection SIR records on-site.

#### **Piping Release Detection:**

The pressurized piping for Tank 1, Tank 2, and Tank 3 each have a separate mechanical line leak detector as a form of release detection for their affiliated piping. The inspectors observed that the mechanical line leak detectors were installed in the sump containing the STP for Tank 1 (Photo #5), Tank 2 (Photo #8), and Tank 3 (Photo #12). The EPA inspectors could not verify the make, model, and serial number for each of the line leak detectors.

The Facility provided a copy of a line tightness test for the piping affiliated with Tanks 1 - 3, and an annual line leak detector functionality test for the three line leak detectors. The testing was conducted by Crompco, LLC on Tuesday, November 3, 2009 (Attachment 5). The copy of the line tightness tests and annual line leak detector functionality tests indicated passing results for all three lines and mechanical line leak detectors affiliated with Tanks 1 - 3 at the Facility. The testing also indicated that the pressurized piping is constructed of single-walled FRP, and Red Jacket mechanical line leak detectors are used to detect leaks from the underground piping.

On May 11, 2010, NJPO e-mailed copies of line tightness testing and line leak detector testing to EPA. The testing was completed by Crompco, LLC on November 3, 2009, November 25, 2008, and December 6, 2007 (Attachment 6). The copies of the November 3, 2009 testing provided by the Facility in the May 11, 2010 e-mail, was the same copy of the testing provided by the Facility during the inspection on March 31, 2010 as seen in Attachment 5. Crompco, LLC reported passing line tightness test results and line leak detector test results on November 3, 2009, November 25, 2008, and December 6, 2007 for the underground piping and line leak detectors affiliated with each tank at the Facility.

#### **Cathodic Protection:**

When EPA inspectors lifted the lid to the sump for Tank 1, the inspectors observed the sump to contain a mechanical line leak detector and an STP (Photo #5). The inspectors observed the sump affiliated with Tank 2 having containment walls with a line leak detector and an STP (Photo #8). Inspectors verified FRP piping going into the ground from the sump and observed soil in the bottom of the sump (Photo #10). Tank 3 has a contained sump with a line leak detector and an STP (Photo #12). Soil and liquid

was observed in the bottom of the sump for Tank 3, and the inspectors verified FRP piping going into the ground into the sump (Photo #13).

The inspectors observed the piping underneath dispensers #3 and #4 (Photo #15 and Photo #16). The inspectors observed a shear valve, but did not observe a dispenser pan. By touching a magnet to the piping, the inspectors verified that the piping going into the ground is fiberglass.

Testing conducted by Crompco, LLC on November 3, 2009 indicated that the material of construction for metal piping components under the dispensers and in the sumps for Tanks 1 – 3 are made of steel. Crompco, LLC reported “Fail” results for all the underground piping components under the dispensers and in the sumps affiliated with all three tanks. There was no cathodic protection testing done for Tank 1, Tank 2, and Tank 3 on November 3, 2009 (Attachment 5 & 6). Cathodic protection testing by Crompco, LLC on November 25, 2008 showed that all three tanks at the Facility are constructed of steel and are cathodically protected with sacrificial anodes (Attachment 6). Crompco, LLC reported passing cathodic protection results for Tank 1, Tank 2, and Tank 3. “Fail” results were reported for all steel piping components under the dispensers and in the sumps for each tank on November 25, 2008. Similar cathodic protection test results were reported by Crompco, LLC on December 6, 2007 (Attachment 6). Tank 1, Tank 2, and Tank 3 were reported to have passing tests, but the steel components affiliated with each tank under dispensers and in the STP sumps failed cathodic protection tests on December 6, 2007.

#### **Financial Assurance:**

At the time of the inspection, the Facility did not have documentation of financial assurance describing insurance coverage for potential leaks from the USTs at the Facility. On May 13, 2010 the Facility e-mailed copies of insurance coverage for the 3 underground tanks at the Facility (Attachment 7). The documentation indicates two separate policies, one with coverage from October 25, 2006 to October 20, 2007, and the other policy indicating coverage from October 20, 2007 to October 20, 2008. Also included was a “Notice of Cancellation of Insurance” dated February 5, 2008, which indicated that the insurance coverage for pollution liability for the USTs at the Facility was canceled.

#### **Used Oil:**

The EPA inspectors did not observe any used-oil tanks at the Facility.

#### **Spill/Overfill Prevention:**

The EPA inspectors observed an overfill cutoff valve (“flapper valve”) in the fill pipe for Tank 1, and they observed a spill bucket surrounding the fill pipe (Photo #4). The inspector verified a flapper valve in the fill pipe for Tank 2 (Photo #7), and verified

the presence of a spill bucket. A flapper valve and spill bucket was visually verified for Tank 3 (Photo #11).

**Other USTs:**

The EPA inspector did not observe any other USTs at the Facility.

**Attachments:**

1. Region 3 UST Compliance Checklist
2. Photo Log
3. VR TLS-300 ATG Printouts
4. Facility Tank Inventory Data
5. November 3, 2009 Crompco LDDT, LLT, & CP Test
6. May 11, 2010 Post Inspection Information: LDDT, LTT, and CP tests for: 12/6/07, 11/25/08, & 11/3/09
7. May 13, 2010 Post Inspection Information: Documentation of Financial Assurance coverage for: 10/25/06 to 10/25/07 & 10/25/07 to 10/20/08. Notice of Cancellation Effective 2/5/08

**Attachment 1**

**Region 3 UST Compliance Checklist**

### Leak Detection Inspection Checklist

I. Ownership of Tank(s)	II. Location of Tank(s)
New Jersey Petroleum Organization (NJPO) Adnan Kiriscioglu 631-207-1563	Rt. 58 Food Mart 8917 S. Quay Road, Suffolk, VA 23437; Phone #: 757-657-2388 <b>Number of Tanks at This Location: 3</b>

**III. Tank Information** Complete for each tank. If facility has more than 4 tanks, photocopy page and complete information for additional tanks.

Tank presently in use (circle)	Tank 1	Tank 2	Tank 3	
If not, date last used				
If emptied, verify 1" or less of product in tank	No	No	No	
Month and Year Tank Installed	8/1/88	8/1/88	8/1/88	
Material of Construction tank/pipe	SW Steel / FRP	SW Steel / FRP	SW Steel / FRP	
Capacity of Tank (in gallons)	8,000	8,000	8,000	
Substance Stored	gasoline	gasoline	gasoline	

**IV.A. Release Detection For Tanks** Check the release detection method(s) used for each tank or N/A if none required.

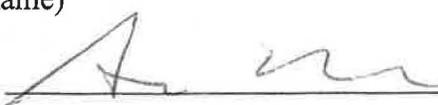
Manual Tank Gauging (tanks under 1,000 gal.)				
Manual Tank Gauging and Tank Tightness Testing (tanks under 2,000 gal.)				
Tank Tightness Testing and Inventory Control				
Automatic Tank Gauging				
Vapor, Groundwater or Interstitial Monitoring				
Other approved method (SIR)	X	X	X	

**IV.B. Release Detection For Piping** Check the release detection method(s) used for piping.

Check Pressurized (P) or Suction (S) Piping for each tank	P	P	P	
Automatic Line Leak Detectors, <b>and</b> check one	X	X	X	
Vapor or Groundwater Monitoring				
Secondary Containment with Monitoring				
Line Tightness Testing	X	X	X	

I, Andrew Ma, certify that I have inspected the above named facility on March 31, 2010  
(print name) month/day/year

EPA 248

Inspector's Signature: 

Date: 5/25/10

**Leak Detection for Piping**

**Pressurized Piping** A method must be selected from each set. Where applicable indicate date of last test. If this facility has more than 4 tanks, please photocopy this page and complete information for all additional piping.

Set 1	Tank 1	Tank 2	Tank 3	Tank 4
Automatic Flow Restrictor				
Automatic Shut-off Device	X	X	X	
Continuous Alarm System				
<b>and</b>				
<b>Set 2</b>				
Annual Line Tightness Testing	11/3/09 (P)	11/3/09 (P)	11/3/09 (P)	
Interstitial Monitoring				
If Interstitial Monitoring, documentation of monthly monitoring is available				
Ground-Water or Vapor Monitoring				
If Ground-Water or Vapor Monitoring, documentation of monthly monitoring is available				
Other Approved Method (specify in comments section)				

**Suction Piping.** Indicate date of most recent test.

Line Tightness Testing (required every 3 years)				
Secondary Containment with Interstitial Monitoring				
Ground-Water or Vapor Monitoring				
Other Approved Method (specify in comments section)				
<b>No Leak Detection Required (must answer yes to all of the following questions)</b>				
Operates at less than atmospheric pressure				
Has only one check valve, which is located directly under pump				
Slope of piping allows product to drain back into tank when suction released				
All above information on suction piping is verifiable				

On the back of this sheet, please sketch the site, noting all piping runs, tanks (including size and substances stored) and location of wells and their distance from tanks and piping.

Comments: The Facility provided copies of passing LLDTs/LTTs for November 3, 2009, November 25, 2008, and December 6, 2007.

Inspector's Signature: 

Date: 5/25/10

**Inventory Control and Tank Tightness Testing**

Method of tank tightness testing: \_\_\_\_\_

Address of tank tightness tester: \_\_\_\_\_

**Please complete all information for each tank**      If this facility has more than 4 tanks, please photocopy this page and complete the information for all additional tanks.

	Tank 1	Tank 2	Tank 3	Tank 4
Date of last tank tightness test.				
Did tank pass test? Indicate yes or no. If no, specify in comments section below the status of the tank or what actions have been taken (e.g., has state been notified?)				
Documentation of deliveries and sales balances with daily measurements of liquid volume in tank are maintained and available.				
Overages or shortages are less than 1% + 130 gals of tank's flow-through volume.				
If no, which months were not?				

**Please answer yes or no for each question**

Owner/operator can explain inventory control methods and figures used and recorded.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Records include monthly water monitoring.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Tank inventory reconciled before and after fuel delivery.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Books are reconciled monthly.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Appropriate calibration chart is used for calculating volume.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Dispenser pumps are calibrated to within 6 cubic inches per five gallons.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
The drop tube in the fill pipe extends to within one foot of tank bottom.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Owner can demonstrate consistency in dipsticking techniques.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
The dipstick is long enough to reach the bottom of the tank.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
The ends of the gauge stick are flat and not worn down.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
The dipstick is marked legibly & the product level can be determined to the nearest 1/8th inch.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
The tank has been tested within the year & has passed the tightness test (if necessary).	Yes <input type="checkbox"/>	No <input type="checkbox"/>
A third-party certification of the tank tightness test method is available.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Tank tester complied with all certification requirements.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Monitoring and testing are maintained and available for the past 12 months.	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Comments: *N/A*

Inspector's Signature: *[Signature]*

EPA 250

Date: *5/25/10*

### Vapor Monitoring

Name of monitoring device: \_\_\_\_\_  
 Date system installed \_\_\_\_\_ Number of monitoring wells \_\_\_\_\_  
 Distance of monitoring well(s) from tank(s) (1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_  
 Site assessment was conducted by: \_\_\_\_\_  
 Location of site assessment documentation: \_\_\_\_\_

**Please indicate yes or no for each tank** Please complete all information for each tank. If facility has more than 4 tanks, please photocopy this page and complete the information for additional tanks.

	Tank 1	Tank 2	Tank 3	Tank 4
Well is clearly marked and secured.				
Well caps are tight.				
Well is constructed so that monitoring device is not rendered inoperative by moisture or other interferences.				
Well is free of debris or has other indications that it has been recently checked.				

**Please answer yes or no for each question**

UST excavation zone was assessed prior to vapor monitoring system installation.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
One or more USTs is/are included in system.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	

**If the system is automatic, check the following:**

Power box is accessible and power light is on.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Documentation of monthly readings is available for last 12 months.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Equipment used to take readings is accessible and functional.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Vapor monitoring equipment has been calibrated within the last year.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	

**If the system is manual, check the following:**

Documentation of monthly readings is available for last 12 months.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Equipment used to take readings is accessible and functional.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Vapor monitoring equipment has been calibrated within the last year.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Porous material was used for backfill.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Wells are placed within the excavation zone.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Level of background contamination is known. If so -- what is level?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	

On the back of this sheet, please sketch the site, noting all piping runs, tanks (including size and substances stored) and location of wells and their distance from tanks and piping.

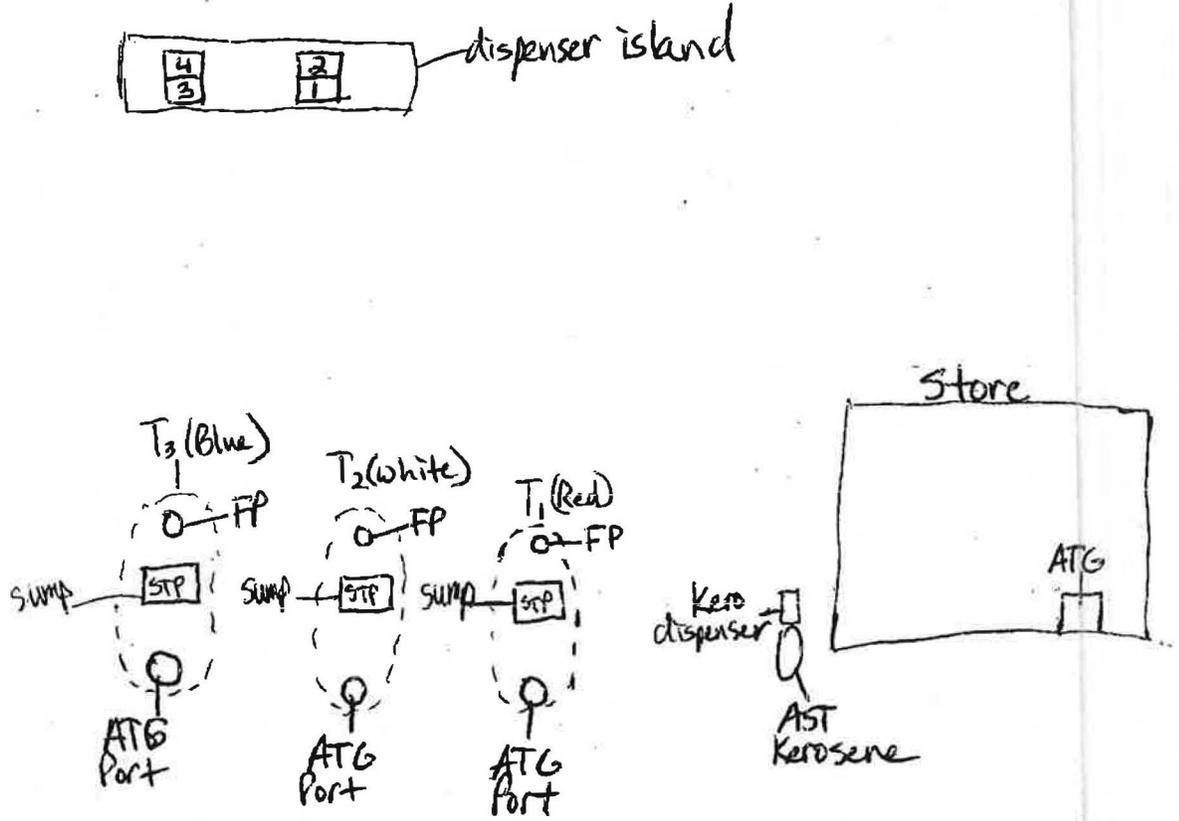
Comments:           N/A          

Inspector's Signature:           *A. M.*           EPA 251 Date: 5/25/10

Site Sketch/Photo Log

S. Quay Road

Holy Neck Road



**Manual Tank Gauging**

Manual tank gauging may be used as the sole method of leak detection only for tanks of 1,000 gal. or fewer or in combination with tank tightness testing for tanks of up to 2,000 gal.

Please indicate the number of the tank or tanks for which manual tank gauging is used as the main leak detection method (e.g., tanks 1 & 4): \_\_\_\_\_

**Please answer yes or no for each question**

Records show liquid level measurements are taken at beginning and end of period of at least ([Circle one] 36, 44, 58) hours during which no liquid is added to or removed from the tank.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Level measurements are based on average of two consecutive stick readings at both beginning and end of period.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Monthly average of variation between beginning and end measurements is less than standard shown below for corresponding size and dimensions of tank and waiting time.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Gauge stick is long enough to reach bottom of the tank. Ends of gauge stick are flat and not worn down.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Gauge stick is marked legibly and product level can be determined to the nearest one-eighth of an inch.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
MTG is used as sole method of leak detection for tank.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
MTG is used in conjunction with tank tightness testing.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Are all tanks for which MTG is used under 2,000 gallons in capacity?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Are monitoring records available for the last 12 month period?	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Check One:	Nominal Tank Capacity (in gallons)	Tank Dimensions	Monthly Standard (in gallons)	Minimum Test Duration
( )	110-550	N/A	5	36 hours
( )	551 - 1,000*	N/A	7	36 hours
( )	1,000*	64" diameter x 73" length	4	44 hours
( )	1,000*	48" diameter x 128" length	6	58 hours
( )	1,001 - 2,000*	N/A	13	36 hours

\* Manual tank gauging must be used in combination with tank tightness testing for tanks over 550 gal. and up to 2,000 gal.

Comments: *N/A*

EPA 253

Inspector's Signature: *[Signature]*

Date: *5/25/10*

### Ground Water Monitoring

Date System Installed: \_\_\_\_\_

Distance of well from tank(s) (1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_

Distance of well from piping (1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_

Site assessment was conducted by: \_\_\_\_\_

Location of site assessment documentation: \_\_\_\_\_

**Please answer each question of each well** If there are more than 4 wells, please photocopy this page and complete the information for all additional wells.

	Well 1	Well 2	Well 3	Well 4
Well is clearly marked and secured to avoid unauthorized access or tampering.				
Well was opened and presence of water was observed in well at depth of _____ ft.				

**Please answer yes or no for each question**

Wells are used to monitor piping.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Site assessment was performed prior to installation of wells.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Documentation of monthly readings is available.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Specific gravity of product is less than one.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Hydraulic conductivity of soil between UST system and monitoring wells is not less than 0.01 cm/sec. According to:	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Groundwater is not more than 20 feet from ground surface.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Wells are sealed from the ground surface to top of filter pack.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Continuous monitoring device or manual bailing method used can detect the presence of at least one-eighth of an inch of the product on top of groundwater in well.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Groundwater is monitored: ( ) Manually on a monthly basis. ( ) Automatically (continuously or monthly basis [Circle one]).		
Check the following if groundwater is monitored <u>manually</u> : Bailer used is accessible and functional.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Check the following if groundwater is monitored <u>automatically</u> : Monitoring box is operational.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Checked for presence of sensor in monitoring well.	Yes <input type="checkbox"/>	No <input type="checkbox"/>

On the back of this sheet, please sketch the site, noting all piping runs, tanks (including size and substances stored) and location of wells and their distance from tanks and piping.

Comments: N/A

Inspector's Signature: [Signature]

EPA 254

Date: 5/25/10

**Interstitial Monitoring**

Manufacturer and name of system:

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Date system installed:

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Materials used for secondary barrier:

---

Materials used for internal lining:

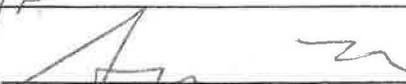
---

Interstitial space is monitored (Circle one): automatically, continuously, monthly basis.

**Please answer yes or no for each question**

All tanks in system are fitted with secondary containment and interstitial monitoring.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
System is designed to detect release from any portion of UST system that routinely contains product.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Monitoring method is documented as capable of detecting a leak as small as .1 gal./hr. with at least a 95% probability of detection and a probability of false alarm of no more than 5%.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Documentation of monthly readings is available for last 12 months.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Maintenance and calibration documents and records are available and indicate appropriate maintenance procedures for system have been implemented.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Monitoring box, if present, is operational.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
If monitoring wells are part of leak detection system, monitoring wells are clearly marked and secured to avoid unauthorized access and tampering.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<b>Interstitial space is monitored manually on monthly basis (answer the following question).</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Equipment used to take readings is accessible and functional.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<b>Tank is double-walled</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<b>Tank is fitted with internal bladder to achieve secondary containment (answer the following question).</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Bladder is compatible with substance stored and will not deteriorate in the presence of that substance.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<b>Excavation is lined with impervious artificial material to achieve secondary containment (answer the following questions).</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Secondary barrier is always above groundwater.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
If secondary barrier is not always above groundwater, secondary barrier and monitoring designs are for use under such conditions.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Secondary barrier is constructed from artificially constructed material, with permeability to substance < 10 <sup>6</sup> cm/sec.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Secondary barrier is compatible with the regulated substances stored and will not deteriorate in presence of that substance.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Secondary barrier does not interfere with operation of cathodic protection system.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

Comments: N/A

Inspector's Signature: 

**Automatic Tank Gauging**

Manufacturer, name and model number of system: Veeder-Root TLS-300

**Please answer yes or no for each question**

Device documentation is available at site (e.g., manufacturer's brochures, owner's manual).	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Device can measure height of product to nearest one-eighth of an inch.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Documentation shows that water in bottom of tank is checked monthly to nearest one-eighth of an inch.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Documentation is available that the ATG was in test mode a minimum of once a month.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Checked for presence of gauge in tanks.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Checked for presence of monitoring box and evidence that device is working (i.e., device is equipped with roll of paper for results documentation).	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Owner/operator has documentation on file verifying method meets minimum performance standards of .20 gph with probability of detection of 95% and probability of false alarm of 5% for automatic tank gauging (e.g., results sheets under EPA's "Standard Test Procedures for Evaluating Leak Detection Methods").	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Checked documentation that system was installed, calibrated, and maintained according to manufacturer's instructions.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Maintenance records are available upon request.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Monthly testing records are available for the past 12 months.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Daily monitoring records are available for the past 12 months (if applicable).	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Comments: Facility representatives indicated that the VR TLS 300 ATG was only used to collect inventory data for SIR purposes.

Inspector's Signature: \_\_\_\_\_

Date: 5/25/10

**Statistical Inventory Reconciliation**

**Please complete all information for each tank**

If this facility has more than 4 tanks, please photocopy this page and complete the information for all additional tanks.

Documentation of deliveries and sales balances with daily measurements of liquid volume in tank are maintained and available.

**Please answer yes or no for each question**

Records include monthly water monitoring.

Yes

No

Tank inventory reconciled before and after fuel delivery.

Yes

No

Appropriate calibration chart is used for calculating volume.

Yes

No

Dispenser pumps are calibrated to within 6 cubic inches per five gallons.

Yes

No

The drop tube in the fill pipe extends to within one foot of tank bottom.

Yes

No

Answer one of the following three:

1) Owner can demonstrate consistency in dipsticking techniques.

Yes

No

a) The dipstick is long enough to reach the bottom of the tank.

Yes

No

b) The end of the gauge stick is flat and not worn down.

Yes

No

c) The dipstick is legible & the product level can be determined to the nearest 1/8th inch.

Yes

No

**OR**

2) Automatic tank gauge is used for readings.

Yes

No

**OR**

3) Other method is used for readings (explain in comment section below).

Yes

No

A third-party certification of the SIR method is available.

Yes

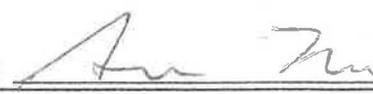
No

Monitoring and testing records are maintained and available for the past 12 months.

Yes

No

Comments: The Facility representatives indicated that gasoline sales data and ATG inventory report data is sent at the end of each month to NJPO, which collects the data and sends it for SIR. The Facility did not have copies of any SIR release detection records at the time of the inspection.

Inspector's Signature: 

Date: 5/25/10

**Spill/Overfill Prevention**

	<b>Tank 1</b>	<b>Tank 2</b>	<b>Tank 3</b>	<b>Tank 4</b>
<b>Are all tank transfers less than 25 gallons?</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>Spill Prevention</b>				
Is there a spill bucket (at least 5 gallons) or another device that will prevent release of product to the environment (such as a dry disconnect coupling)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>Overfill Prevention</b>				
What device is used to prevent tank from being overfilled?				
Ball float valve	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Butterfly valve (in fill pipe)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Automatic alarm monitoring is used	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Other alarm system _____	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>

DOES THE FACILITY HAVE A FINANCIAL ASSURANCE MECHANISM? YES\_\_ NO X (PROVIDE COMMENTS AS TO COMPLIANCE STATUS FOR 40 C.F.R. PART 280 SUBPART H.) At the time of the inspection the Facility did no have documentation of a Financial Assurance Policy for leaks from the USTs.

**Cathodic Protection**

	<b>Tank 1</b>	<b>Tank 2</b>	<b>Tank 3</b>	<b>Tank 4</b>
<b>Sacrificial Anode System</b>				
Test results show a negative voltage of at least 0.85 Volts (using the tank and a copper/copper sulfate cell)?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
The last two test results are available. (Tests are required every three years.)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>Impressed Current</b>				
Rectifier is on 24 hours a day?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
The last two test results are available? (Tests are required every 60 days.)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Test results show a negative voltage of at least 0.85 Volts (using the tank and a copper/copper sulfate cell)?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>

Comments: Crompco testing indicates the tanks are protected by a sacrificial anode system. No CP testing was done for Tanks 1 – 3 in 2009. Crompco reported passing CP results for Tanks 1 – 3 in 11/08 and 12/07. "Fail" results were reported for all steel piping components under the dispensers and in the sumps for each tank in 11/09, 11/08, and 12/07.

Inspector's Signature: 

EPA 258

Date: 5/25/10

**Attachment 2**

Photo Log



Photo #1: Overview of the Route 58 Food Mart and gas station.



Photo #2: Overview of tank field.

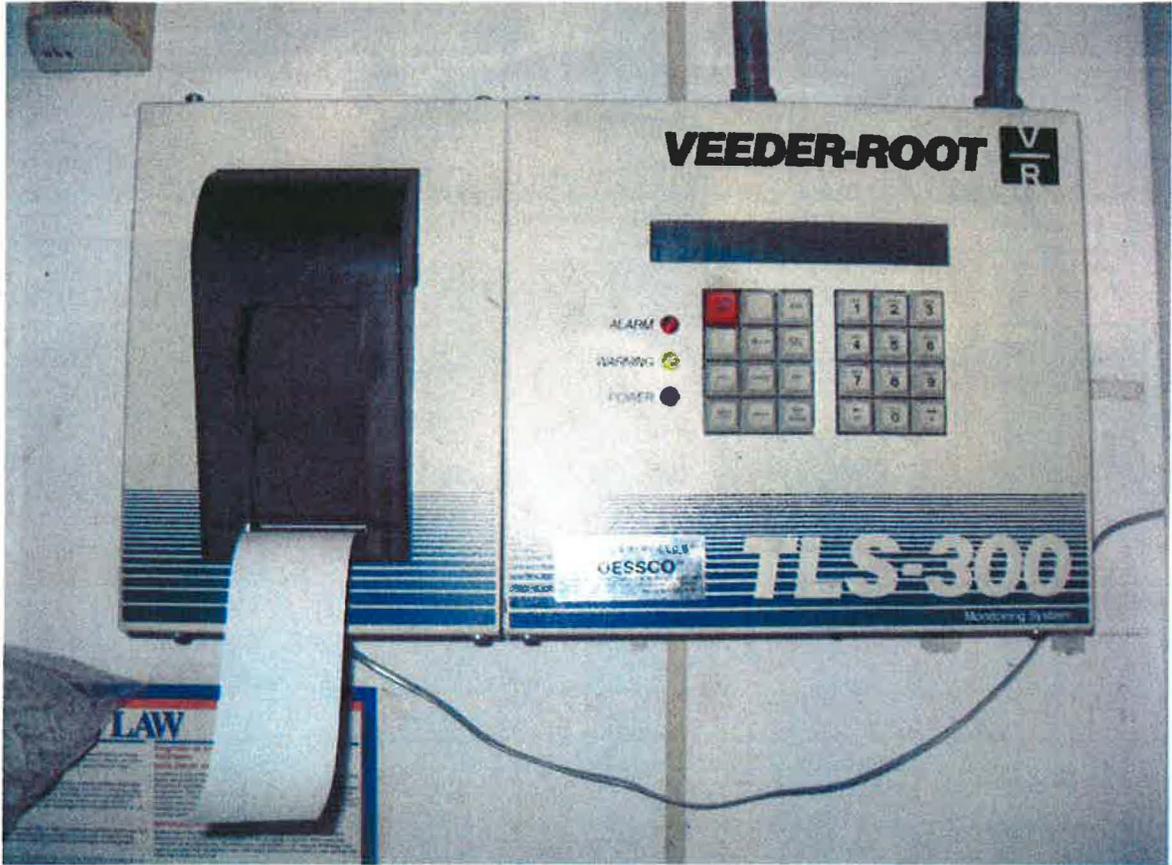


Photo #3: VR TLS 300 ATG monitoring system mounted on the wall in a back room of the store.

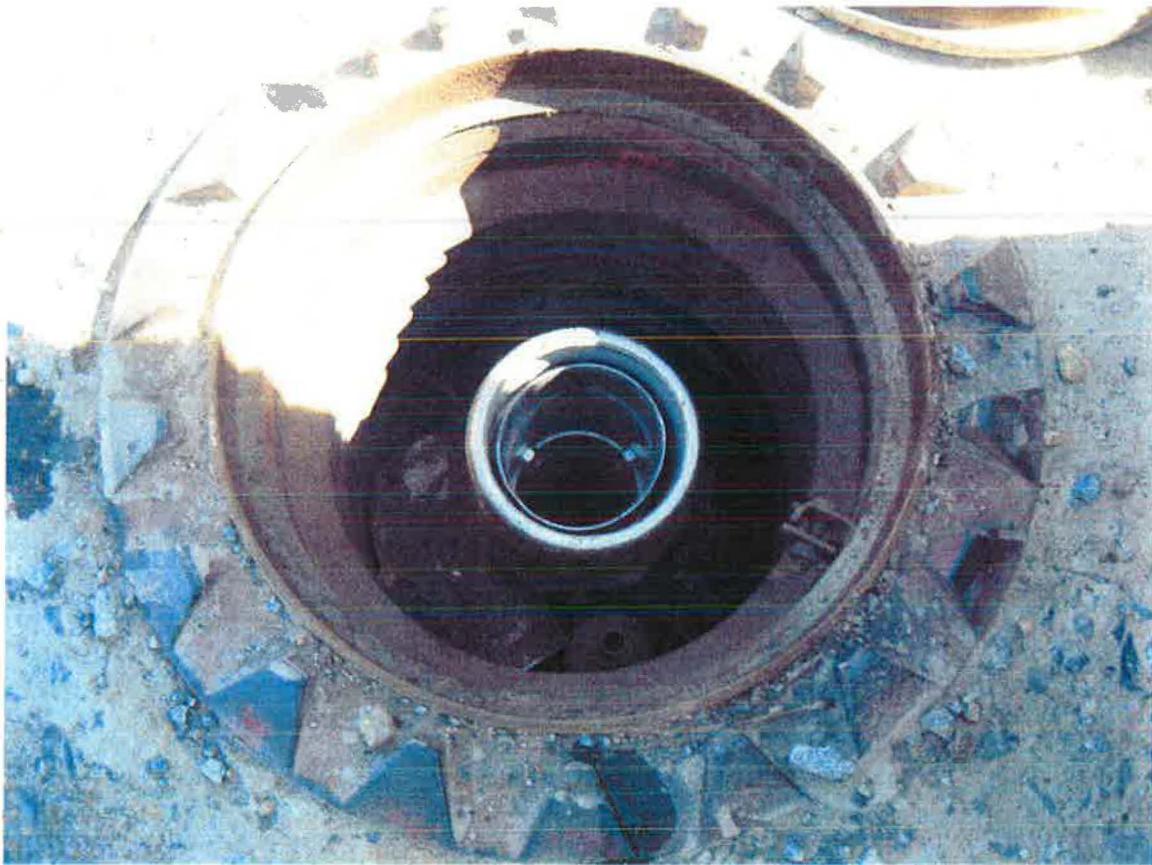


Photo #4: Tank 1 fill pipe and spill bucket. Flapper valve in fill pipe verified by inspectors.



Photo #5: Tank 1 sump with containment walls, a mechanical line leak detector, and STP. The sump contained soil, which was observed to be in contact with metal piping components.



Photo #6: Tank 1 ATG port completely submerged in liquid.

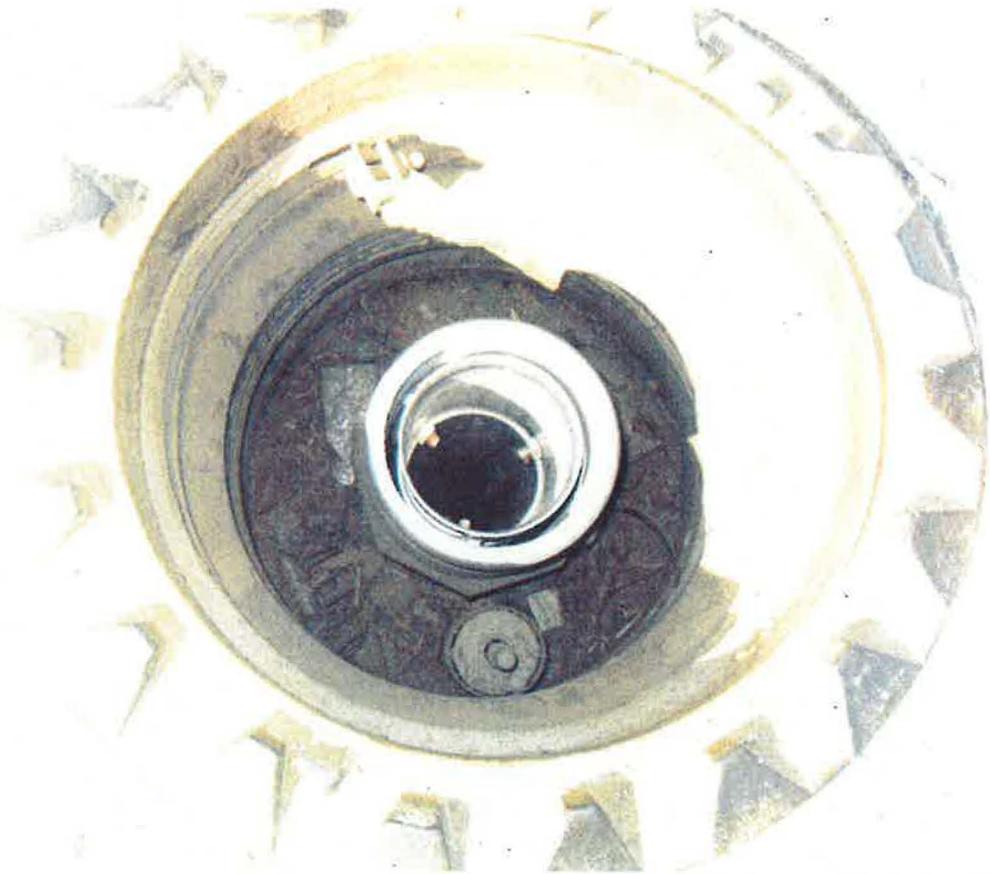


Photo #7: Tank 2 fill pipe and spill bucket. A flapper valve in fill pipe verified visually by inspectors.

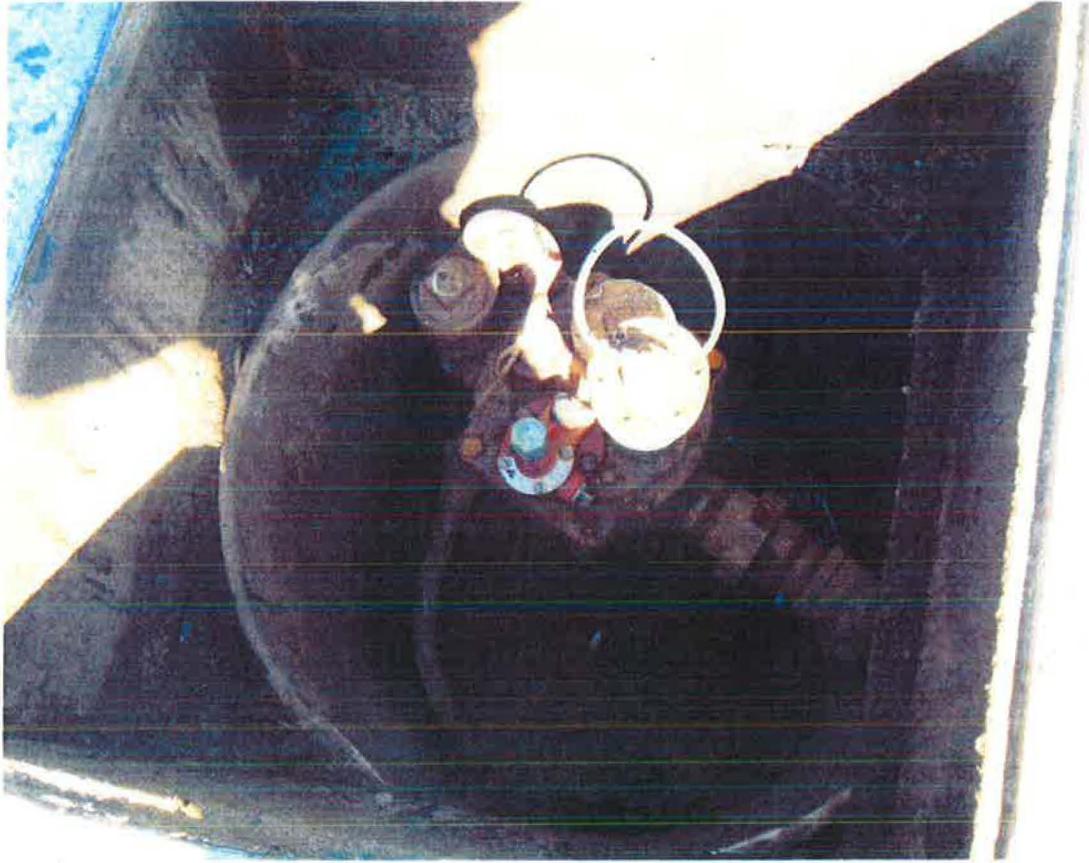


Photo #8: Tank 2 sump with containment walls and a line leak detector. Inspectors verified FRP piping going into the ground from the sump.



Photo #9: Tank 2 ATG port with small amounts of liquid in the port.

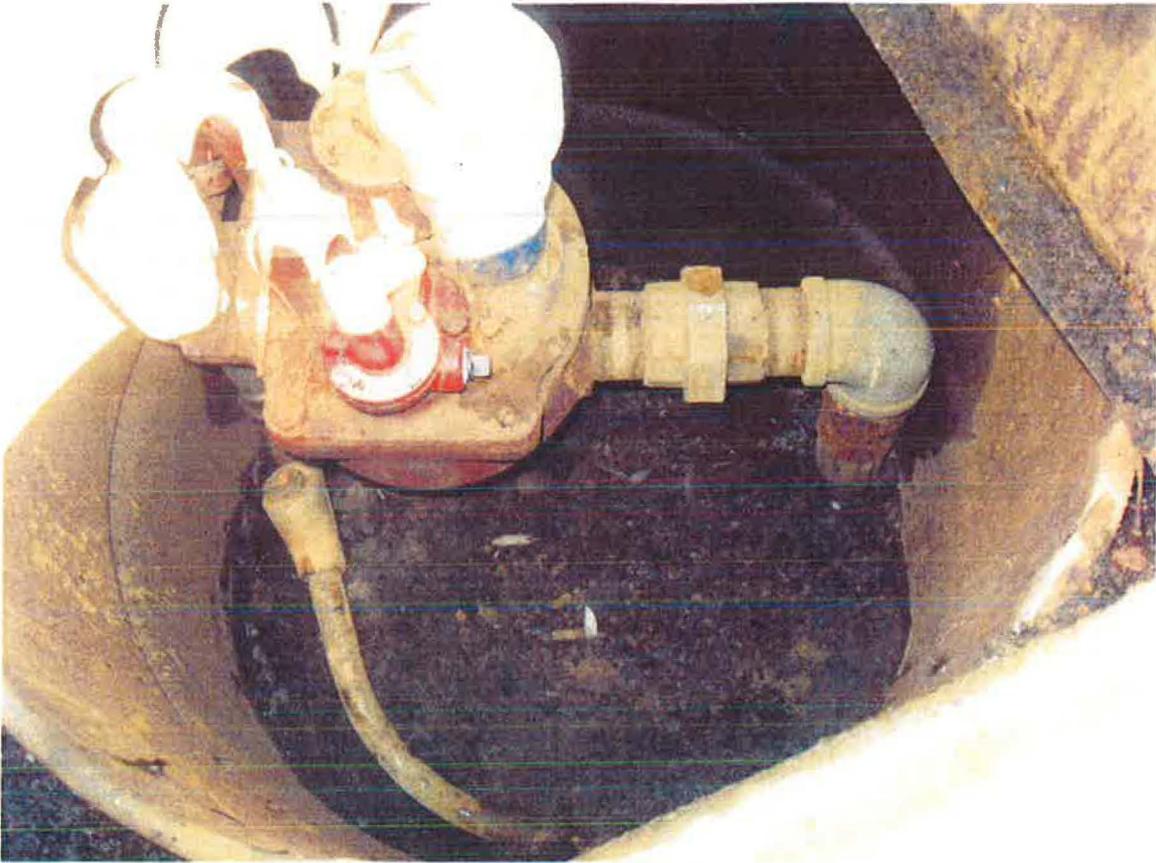


Photo #10: Another picture of the sump and STP for Tank 2.



Photo #11: Tank 3 fill pipe and spill bucket. A flapper valve was visually confirmed by inspectors in the fill pipe.

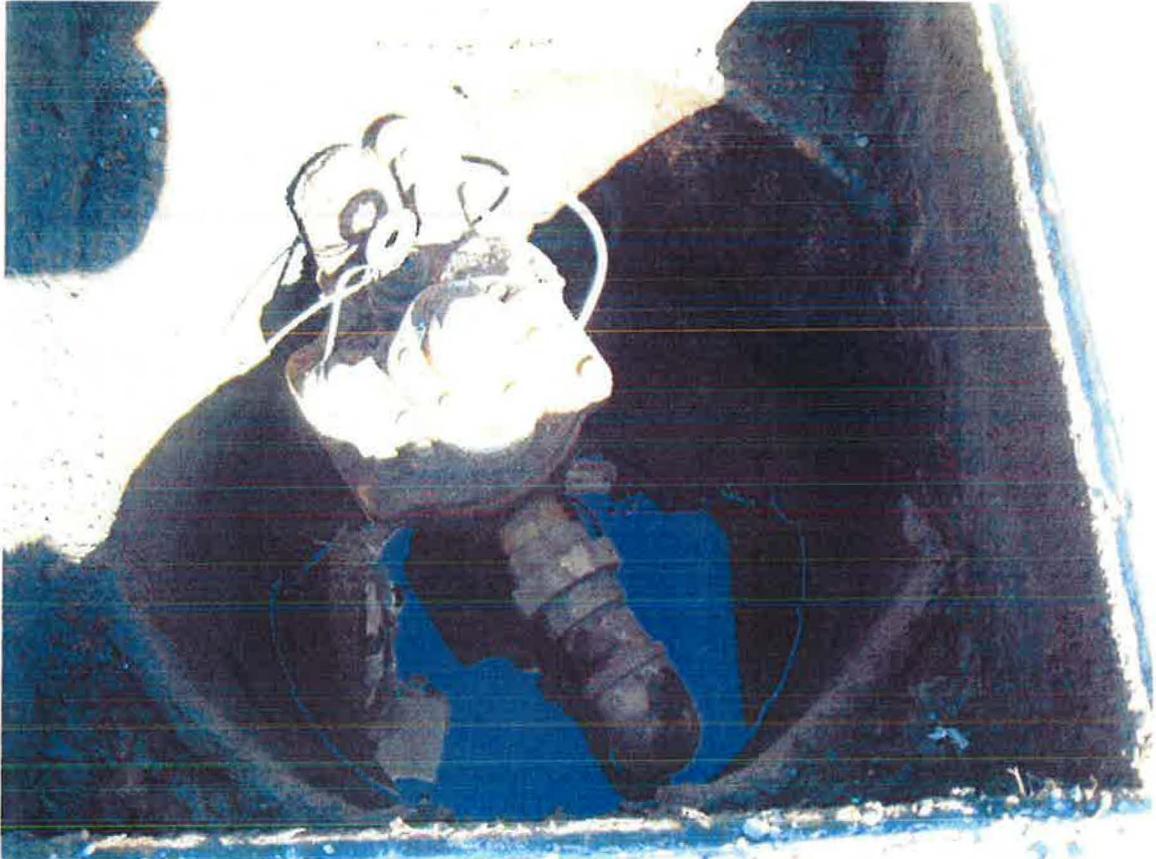


Photo #12: Tank 3 contained sump with mechanical line leak detector and STP.



Photo #13: Close-up of piping in Tank 3 sump.



Photo #14: Tank 3 ATG port.

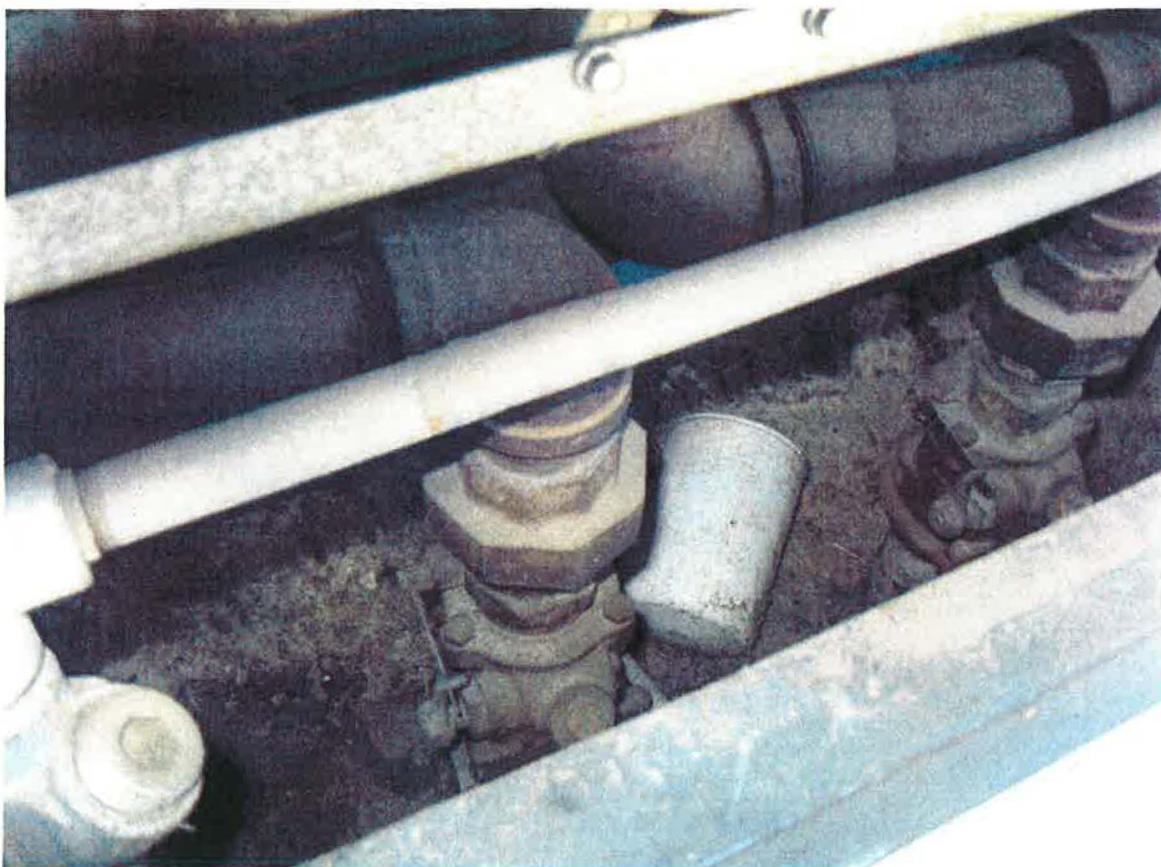


Photo #15: Dispenser #3 & #4 with shear valve observed. No dispenser pan. Piping was confirmed to be fiberglass going into the ground.



Photo #16: Close-up of piping in dispenser #3 & #4.

**Attachment 3**

VR TLS-300 ATG Printouts

GO CO 3  
8917 S. QUAY RD.  
SUFFOLK VA. 23834  
757-657-9305

MAR 31, 2010 12:06 PM

SYSTEM STATUS REPORT

T 1:LOW PRODUCT ALARM  
T 1:INVALID FUEL LEVEL  
T 1:DELIVERY NEEDED  
T 2:LOW PRODUCT ALARM  
T 2:INVALID FUEL LEVEL  
T 2:DELIVERY NEEDED  
T 3:LOW PRODUCT ALARM  
T 3:INVALID FUEL LEVEL  
T 3:DELIVERY NEEDED

INVENTORY REPORT

T 1:SUPER  
T 1:INVALID FUEL LEVEL  
VOL INVALID 415 GALS  
ULLAGE = 7645 GALS  
90% ULLAGE= 6839 GALS  
TC VOLUME = 415 GALS  
HGT INVALID 9.53 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 56.8 DEG F

T 2:REG. UNLEADED  
T 2:INVALID FUEL LEVEL  
VOL INVALID 281 GALS  
ULLAGE = 7779 GALS  
90% ULLAGE= 6973 GALS  
TC VOLUME = 281 GALS  
HGT INVALID 7.31 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 56.2 DEG F

T 3:UNLEADED PLUS  
T 3:INVALID FUEL LEVEL  
VOL INVALID 208 GALS  
ULLAGE = 7852 GALS  
90% ULLAGE= 7046 GALS  
TC VOLUME = 208 GALS  
HGT INVALID 5.96 INCHES  
WATER VOL = 17 GALS  
WATER = 0.89 INCHES  
TEMP = 56.0 DEG F

\* \* \* \* \* END \* \* \* \* \*

GO CO 3  
8917 S. QUAY RD.  
SUFFOLK VA. 23834  
757-657-9305

MAR 31, 2010 12:08 PM

LEAK TEST REPORT

T 1: SUPER  
PROBE SERIAL NUM 083345

TEST STARTING TIME:  
JAN 24, 2010 12:00 AM

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 418.5 GAL

START TEMP = 54.3 F  
END TEMP = 54.3 F

TEST PERIODS 2-8  
-0.01 -0.01 -0.02 0.00  
0.00 -0.01 0.00

LEAK TEST RESULTS  
RATE = 0.00 GAL/HR  
0.20 GAL/HR TEST INVL

0.20 GAL/HR FLAGS:  
LOW LEVEL TEST ERROR  
PERCENT VOLUME TOO LOW  
INVALID FUEL LEVEL

\*\*\*\*\* END \*\*\*\*\*

GO CO 3  
8917 S. QUAY RD.  
SUFFOLK VA. 23834  
757-657-9305

MAR 31, 2010 12:09 PM

LEAK TEST REPORT

T 2: REG. UNLEADED  
PROBE SERIAL NUM 083343

TEST STARTING TIME:  
JAN 24, 2010 12:00 AM

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 1730.2 GAL

START TEMP = 54.8 F  
END TEMP = 54.6 F

TEST PERIODS 2-8  
-5.67-23.02-26.82-39.57  
-42.14-45.57-45.54

LEAK TEST RESULTS  
RATE = -13.01 GAL/HR  
0.20 GAL/HR TEST INVL

0.20 GAL/HR FLAGS:  
LOW LEVEL TEST ERROR  
PERCENT VOLUME TOO LOW

\*\*\*\*\* END \*\*\*\*\*

GO CO 3  
8917 S. QUAY RD.  
SUFFOLK VA. 23834  
757-657-9305

MAR 31, 2010 12:09 PM

LEAK TEST REPORT

T 3: UNLEADED PLUS  
PROBE SERIAL NUM 083344

TEST STARTING TIME:  
JAN 24, 2010 12:00 AM

TEST LENGTH = 4.0 HRS  
STRT VOLUME = 667.9 GAL

START TEMP = 53.9 F  
END TEMP = 53.9 F

TEST PERIODS 2-8  
0.01 0.01 -2.19 -3.28  
-4.26 -6.57 -6.56

LEAK TEST RESULTS  
RATE = -1.87 GAL/HR  
0.20 GAL/HR TEST INVL

0.20 GAL/HR FLAGS:  
LOW LEVEL TEST ERROR  
PERCENT VOLUME TOO LOW

\*\*\*\*\* END \*\*\*\*\*

GO CO 3  
8917 S.GUAY RD.  
SUFFOLK VA. 23834  
757-657-9305

MAR 31. 2010 12:09 PM

TANK LEAK TEST HISTORY

T 1: SUPER

LAST GROSS TEST PASSED:  
JAN 10. 2010 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 1320  
PERCENT VOLUME = 16.4  
TEST TYPE = STANDARD

LAST ANNUAL TEST PASSED:  
SEP 16. 2007 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 2719  
PERCENT VOLUME = 33.7  
TEST TYPE = STANDARD

FULLEST ANNUAL TEST PASS  
AUG 19. 2007 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 2882  
PERCENT VOLUME = 35.8  
TEST TYPE = STANDARD

LAST PERIODIC TEST PASS:  
SEP 16. 2007 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 2719  
PERCENT VOLUME = 33.7  
TEST TYPE = STANDARD

FULLEST PERIODIC TEST  
PASSED EACH MONTH:

JAN 22. 2006 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 2858  
PERCENT VOLUME = 35.5  
TEST TYPE = STANDARD

FEB 5. 2006 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 3066  
PERCENT VOLUME = 38.0  
TEST TYPE = STANDARD

MAR 13. 2005 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 4801  
PERCENT VOLUME = 59.6  
TEST TYPE = STANDARD

APR 9. 2006 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 3172  
PERCENT VOLUME = 39.4  
TEST TYPE = STANDARD

MAY 28. 2006 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 2741  
PERCENT VOLUME = 34.0  
TEST TYPE = STANDARD

JUN 25. 2006 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 2533  
PERCENT VOLUME = 31.4  
TEST TYPE = STANDARD

JUL 10. 2005 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 6824  
PERCENT VOLUME = 84.7  
TEST TYPE = STANDARD

AUG 19. 2007 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 2882  
PERCENT VOLUME = 35.8  
TEST TYPE = STANDARD

SEP 16. 2007 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 2719  
PERCENT VOLUME = 33.7  
TEST TYPE = STANDARD

OCT 2. 2005 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 4885  
PERCENT VOLUME = 60.6  
TEST TYPE = STANDARD

NOV 20. 2005 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 4585  
PERCENT VOLUME = 56.9  
TEST TYPE = STANDARD

DEC 4. 2005 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 3529  
PERCENT VOLUME = 43.8  
TEST TYPE = STANDARD

\* \* \* \* \* END \* \* \* \* \*

GO CO 3  
8917 S. QUAY RD.  
SUFFOLK VA. 23834  
757-657-9305

MAR 31. 2010 12:11 PM

TANK LEAK TEST HISTORY

T 2:REG. UNLEADED

LAST GROSS TEST PASSED:  
NOV 2. 2008 12:00 AM  
STARTING VOLUME= 3178  
PERCENT VOLUME = 39.4  
TEST TYPE = STANDARD

LAST ANNUAL TEST PASSED:  
SEP 3. 2006 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 4579  
PERCENT VOLUME = 56.8  
TEST TYPE = STANDARD

FULLEST ANNUAL TEST PASS  
JAN 8. 2006 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 5654  
PERCENT VOLUME = 70.1  
TEST TYPE = STANDARD

LAST PERIODIC TEST PASS:  
SEP 3. 2006 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 4579  
PERCENT VOLUME = 56.8  
TEST TYPE = STANDARD

FULLEST PERIODIC TEST  
PASSED EACH MONTH:

JAN 8. 2006 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 5654  
PERCENT VOLUME = 70.1  
TEST TYPE = STANDARD

FEB 27. 2005 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 6213  
PERCENT VOLUME = 77.1  
TEST TYPE = STANDARD

MAR 28. 2004 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 4684  
PERCENT VOLUME = 58.1  
TEST TYPE = STANDARD

APR 11. 2004 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 4384  
PERCENT VOLUME = 54.4  
TEST TYPE = STANDARD

MAY 21. 2006 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 3411  
PERCENT VOLUME = 42.3  
TEST TYPE = STANDARD

JUN 11. 2006 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 2898  
PERCENT VOLUME = 36.0  
TEST TYPE = STANDARD

JUL 31. 2005 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 2590  
PERCENT VOLUME = 32.1  
TEST TYPE = STANDARD

AUG 7. 2005 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 6661  
PERCENT VOLUME = 82.6  
TEST TYPE = STANDARD

SEP 3. 2006 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 4579  
PERCENT VOLUME = 56.8  
TEST TYPE = STANDARD

OCT 10. 2004 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 7990  
PERCENT VOLUME = 99.1  
TEST TYPE = STANDARD

NOV 7. 2004 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 5191  
PERCENT VOLUME = 64.4  
TEST TYPE = STANDARD

DEC 28. 2003 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME= 5632  
PERCENT VOLUME = 69.9  
TEST TYPE = STANDARD

\* \* \* \* \* END \* \* \* \* \*

GO CO 3  
8917 S. QUAY RD.  
SUFFOLK VA. 23834  
757-657-9305

MAR 31. 2010 12:11 PM

TANK LEAK TEST HISTORY

T 3: UNLEADED PLUS

LAST GROSS TEST PASSED:  
JAN 24. 2010 12:00 AM  
STARTING VOLUME = 667  
PERCENT VOLUME = 8.3  
TEST TYPE = STANDARD

LAST ANNUAL TEST PASSED:  
SEP 30. 2007 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME = 3396  
PERCENT VOLUME = 42.1  
TEST TYPE = STANDARD

FULLEST ANNUAL TEST PASS  
SEP 30. 2007 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME = 3396  
PERCENT VOLUME = 42.1  
TEST TYPE = STANDARD

LAST PERIODIC TEST PASS:  
SEP 30. 2007 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME = 3396  
PERCENT VOLUME = 42.1  
TEST TYPE = STANDARD

FULLEST PERIODIC TEST  
PASSED EACH MONTH:

JAN 23. 2005 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME = 5391  
PERCENT VOLUME = 66.9  
TEST TYPE = STANDARD

FEB 19. 2006 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME = 2998  
PERCENT VOLUME = 37.2  
TEST TYPE = STANDARD

MAR 20. 2005 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME = 3688  
PERCENT VOLUME = 45.8  
TEST TYPE = STANDARD

APR 9. 2006 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME = 3217  
PERCENT VOLUME = 39.9  
TEST TYPE = STANDARD

MAY 15. 2005 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME = 5081  
PERCENT VOLUME = 63.0  
TEST TYPE = STANDARD

JUN 5. 2005 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME = 4015  
PERCENT VOLUME = 49.8  
TEST TYPE = STANDARD

JUL 10. 2005 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME = 7936  
PERCENT VOLUME = 98.5  
TEST TYPE = STANDARD

AUG 7. 2005 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME = 5717  
PERCENT VOLUME = 70.9  
TEST TYPE = STANDARD

SEP 30. 2007 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME = 3396  
PERCENT VOLUME = 42.1  
TEST TYPE = STANDARD

OCT 2. 2005 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME = 3323  
PERCENT VOLUME = 41.2  
TEST TYPE = STANDARD

NOV 13. 2005 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME = 4622  
PERCENT VOLUME = 57.3  
TEST TYPE = STANDARD

DEC 17. 2006 12:00 AM  
TEST LENGTH 4 HOURS  
STARTING VOLUME = 2571  
PERCENT VOLUME = 31.9  
TEST TYPE = STANDARD

\*\*\*\*\* END \*\*\*\*\*

ALARM HISTORY REPORT

----- IN-TANK ALARM -----

T 1: SUPER

OVERFILL ALARM  
OCT 8. 2002 10:54 PM

LOW PRODUCT ALARM  
JAN 19. 2010 11:15 AM  
JAN 1. 2010 5:39 PM  
DEC 9. 2009 2:14 PM

INVALID FUEL LEVEL  
JAN 21. 2010 7:48 PM  
JAN 4. 2010 2:11 PM  
DEC 12. 2009 4:35 PM

PROBE OUT  
MAR 29. 2009 9:00 AM  
NOV 5. 2008 6:14 AM  
NOV 11. 2005 1:31 PM

DELIVERY NEEDED  
JAN 16. 2010 3:02 PM  
DEC 27. 2009 3:38 PM  
NOV 30. 2009 5:14 PM

\*\*\*\*\* END \*\*\*\*\*

ALARM HISTORY REPORT

- EXTERNAL INPUT ALARM -  
I 1:

\*\*\*\*\* END \*\*\*\*\*

ALARM HISTORY REPORT

----- IN-TANK ALARM -----

T 2: REG. UNLEADED

LEAK ALARM  
NOV 16. 2008 2:00 AM

OVERFILL ALARM  
OCT 21. 2009 3:09 PM  
SEP 22. 2009 6:05 PM  
SEP 17. 2009 6:48 PM

LOW PRODUCT ALARM  
JAN 25. 2010 8:54 PM  
JAN 16. 2010 11:39 PM  
JAN 6. 2010 9:22 PM

SUDDEN LOSS ALARM  
AUG 30. 2009 1:13 AM  
JAN 4. 2009 1:20 AM  
NOV 16. 2008 1:04 AM

HIGH PRODUCT ALARM  
AUG 31. 2009 12:30 PM  
FEB 4. 2009 5:49 PM  
OCT 16. 2008 4:17 PM

INVALID FUEL LEVEL  
JAN 27. 2010 1:51 PM  
JAN 18. 2010 8:22 PM  
JAN 8. 2010 2:37 PM

PROBE OUT  
JUL 17. 2009 5:09 PM  
MAR 29. 2009 9:00 AM  
NOV 5. 2008 6:14 AM

DELIVERY NEEDED  
JAN 23. 2010 4:25 PM  
JAN 14. 2010 9:54 PM  
JAN 4. 2010 3:43 PM

MAX PRODUCT ALARM  
MAR 7. 2008 4:07 PM  
MAY 8. 2007 11:38 AM  
MAR 3. 2007 11:31 PM

\*\*\*\*\* END \*\*\*\*\*

ALARM HISTORY REPORT

----- IN-TANK ALARM -----

T 3: UNLEADED PLUS

OVERFILL ALARM  
JUL 15. 2005 4:01 PM  
JUL 7. 2005 3:31 PM  
JUL 7. 2005 3:20 PM

LOW PRODUCT ALARM  
JAN 23. 2010 7:21 PM  
JAN 8. 2010 7:18 PM  
DEC 28. 2009 5:52 PM

HIGH PRODUCT ALARM  
JUL 7. 2005 3:21 PM  
OCT 21. 2002 10:33 AM

INVALID FUEL LEVEL  
JAN 28. 2010 11:22 AM  
JAN 14. 2010 8:32 PM  
JAN 2. 2010 12:18 PM

PROBE OUT  
JUL 17. 2009 5:47 PM  
MAR 29. 2009 9:11 AM  
MAR 29. 2009 9:00 AM

DELIVERY NEEDED  
JAN 20. 2010 3:19 PM  
JAN 3. 2010 2:37 PM  
DEC 25. 2009 5:44 PM

\*\*\*\*\* END \*\*\*\*\*

ALARM HISTORY REPORT

----- SYSTEM ALARM -----

PAPER OUT  
FEB 27. 2010 12:39 PM  
PRINTER ERROR  
FEB 27. 2010 12:39 PM  
BATTERY IS OFF  
JAN 1. 1996 8:00 AM  
SOFTWARE MODULE WARN  
MAR 27. 2010 12:51 PM

\*\*\*\*\* END \*\*\*\*\*

COMMUNICATIONS SETUP

SYSTEM SETUP

MAR 31. 2010 12:06 PM

SYSTEM UNITS

U.S.  
SYSTEM LANGUAGE  
ENGLISH  
SYSTEM DATE/TIME FORMAT  
MON DD YYYY HH:MM:SS xM

GO CO 3  
8917 S.QUAY RD.  
SUFFOLK VA. 23834  
757-657-9305

SHIFT TIME 1 : 5:30 AM  
SHIFT TIME 2 : DISABLED  
SHIFT TIME 3 : DISABLED  
SHIFT TIME 4 : DISABLED

TANK PER TST NEEDED WRN  
DISABLED  
TANK ANN TST NEEDED WRN  
DISABLED  
LINE PER TST NEEDED WRN  
DISABLED  
LINE ANN TST NEEDED WRN  
DISABLED

PRINT TO VOLUMES  
ENABLED

TEMP COMPENSATION  
VALUE (DEG F) : 60.0  
STICK HEIGHT OFFSET  
DISABLED

H-PROTOCOL DATA FORMAT  
HEIGHT  
DAYLIGHT SAVING TIME  
DISABLED  
RE-DIRECT LOCAL PRINTOUT  
DISABLED

EURO PROTOCOL PREFIX  
S

SYSTEM SECURITY  
CODE : 000000

PORT SETTINGS:

COMM BOARD : 1 (FXMOD)  
BAUD RATE : 2400  
PARITY : ODD  
STOP BIT : 1 STOP  
DATA LENGTH: 7 DATA  
RS-232 SECURITY  
CODE : DISABLED  
DIAL TYPE : TONE  
ANSWER ON : 0 RING  
MODEM SETUP STRING :

DIAL TONE INTERVAL: 32

COMM BOARD : 2 (RS-232)  
BAUD RATE : 1200  
PARITY : ODD  
STOP BIT : 1 STOP  
DATA LENGTH: 7 DATA  
RS-232 SECURITY  
CODE : DISABLED

AUTO TRANSMIT SETTINGS:

AUTO LEAK ALARM LIMIT  
DISABLED  
AUTO HIGH WATER LIMIT  
DISABLED  
AUTO OVERFILL LIMIT  
DISABLED  
AUTO LOW PRODUCT  
DISABLED  
AUTO THEFT LIMIT  
DISABLED  
AUTO DELIVERY START  
DISABLED  
AUTO DELIVERY END  
DISABLED  
AUTO EXTERNAL INPUT ON  
DISABLED  
AUTO EXTERNAL INPUT OFF  
DISABLED  
AUTO SENSOR FUEL ALARM  
DISABLED  
AUTO SENSOR WATER ALARM  
DISABLED  
AUTO SENSOR OUT ALARM  
DISABLED

RECEIVER SETUP:

NONE

AUTO DIAL TIME SETUP:

NONE

RS-232 END OF MESSAGE  
DISABLED

AUTO DIAL ALARM SETUP

IN-TANK SETUP

T 1: SUPER
PRODUCT CODE : 1
THERMAL COEFF : .000700
TANK DIAMETER : 96.00
TANK PROFILE : 1 PT
FULL VOL : 8060

FLOAT SIZE: 4.0 IN.
WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0
MAX OR LABEL VOL: 8060
OVERFILL LIMIT : 90%
HIGH PRODUCT : 7254
DELIVERY LIMIT : 95%
LOW PRODUCT : 7657
LEAK ALARM LIMIT: 13%
SUDDEN LOSS LIMIT: 1047
TANK TILT : 700
PROBE OFFSET : 99

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC: 30%
LEAK MIN ANNUAL : 30%

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK: OFF

DELIVERY DELAY : 1 MIN
PUMP THRESHOLD : 10.00%

T 2: REG. UNLEADED
PRODUCT CODE : 2
THERMAL COEFF : .000700
TANK DIAMETER : 96.00
TANK PROFILE : 1 PT
FULL VOL : 8060

FLOAT SIZE: 4.0 IN.
WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0
MAX OR LABEL VOL: 8060
OVERFILL LIMIT : 90%
HIGH PRODUCT : 7254
DELIVERY LIMIT : 95%
LOW PRODUCT : 7657
LEAK ALARM LIMIT: 25%
SUDDEN LOSS LIMIT: 2015
TANK TILT : 1000
PROBE OFFSET : 99

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC: 30%
LEAK MIN ANNUAL : 30%

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK: OFF

DELIVERY DELAY : 1 MIN
PUMP THRESHOLD : 10.00%

T 3: UNLEADED PLUS
PRODUCT CODE : 3
THERMAL COEFF : .000700
TANK DIAMETER : 96.00
TANK PROFILE : 1 PT
FULL VOL : 8060

FLOAT SIZE: 4.0 IN.
WATER WARNING : 1.5
HIGH WATER LIMIT: 2.0
MAX OR LABEL VOL: 8060
OVERFILL LIMIT : 90%
HIGH PRODUCT : 7254
DELIVERY LIMIT : 95%
LOW PRODUCT : 7657
LEAK ALARM LIMIT: 13%
SUDDEN LOSS LIMIT: 1047
TANK TILT : 700
PROBE OFFSET : 99

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC: 30%
LEAK MIN ANNUAL : 30%

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK: OFF

DELIVERY DELAY : 1 MIN
PUMP THRESHOLD : 10.00%

LEAK TEST METHOD

TEST WEEKLY : ALL TANK  
SUN  
START TIME : 12:00 AM  
TEST RATE : 0.20 GAL/HR  
DURATION : 4 HOURS

TST EARLY STOP:DISABLED

LEAK TEST REPORT FORMAT  
NORMAL

EXTERNAL INPUT SETUP

NONE

OUTPUT RELAY SETUP

SOFTWARE REVISION LEVEL  
VERSION 422.00  
SOFTWARE# 346422-100-A  
CREATED - 01.10.16.09.58

S-MODULE# 330161-001-G  
SYSTEM FEATURES:  
PERIODIC IN-TANK TESTS  
ANNUAL IN-TANK TESTS

IN-TANK LEAK DIAGNOSTIC

PROBE DIAGNOSTICS

T 1: PROBE TYPE MAG1  
SERIAL NUMBER 083345  
GRADIENT = 350.0200  
NUM SAMPLES = 59467

C00	1333.2	C01	2373.4
C02	2373.4	C03	2373.4
C04	2373.4	C05	2373.4
C06	2373.4	C07	2373.5
C08	2373.5	C09	2373.4
C10	2373.4	C11	45527.6
C12	25992.3	C13	26695.2
C14	26765.5	C15	26661.6
C16	26747.7	C17	26705.1
C18	45530.9		

IN-TANK LEAK DIAGNOSTIC

PROBE DIAGNOSTICS

T 2: PROBE TYPE MAG1  
SERIAL NUMBER 083343  
GRADIENT = 349.9700  
NUM SAMPLES = 59467

C00	1330.2	C01	2381.1
C02	2381.1	C03	2381.1
C04	2381.1	C05	2381.1
C06	2381.1	C07	2381.1
C08	2381.1	C09	2381.1
C10	2381.1	C11	44743.7
C12	25551.4	C13	26282.0
C14	26456.7	C15	26461.0
C16	26408.8	C17	26537.7
C18	44749.5		

IN-TANK LEAK DIAGNOSTIC

PROBE DIAGNOSTICS

T 3: PROBE TYPE MAG1  
SERIAL NUMBER 083344  
GRADIENT = 349.9600  
NUM SAMPLES = 59104

C00	1415.7	C01	2465.9
C02	2466.0	C03	2466.0
C04	2466.0	C05	2466.0
C06	2466.0	C07	2466.0
C08	2466.0	C09	2466.0
C10	2466.0	C11	43065.2
C12	25039.5	C13	25571.1
C14	25617.8	C15	25652.4
C16	25779.8	C17	25621.9
C18	43067.0		

**Attachment 4**

Facility Tank Inventory Data

# ROUTE 58 FOOD MART

VENDORS	AMOUNT
1 FLOWERS	25.60
2	
3	
4	
5	
6	
7	
8	
9	
10	
<b>TOTAL</b>	<b>\$ 25.60</b>

INSTANT LOTTO PAYMENT	AMOUNT
1	
2	
3	
<b>TOTAL</b>	<b>\$</b>

DROPS	ENV. #	TIME	INTL	AMOUNT \$
1	11	6:00	EN	50 <sup>00</sup>
2	12	8:00	EN	50 <sup>00</sup>
3	13	9:00	EN	1000
4	14	10:30	EN	100-
5	7	-	EN	220-
6				
7				
8				
9				
10				
11				
12				
13				
14				
Total Coins				
Total Checks				
<b>TOTAL DROPS \$</b>				<b>1420</b>

DATE	31 301 2010
DAY	TUESDAY

NAME	START	END	HRS
JOAINE	6:00	2:00	8
ERKAN	2:00		

KERO SALES		CHARGERS	
		NAME	AMOUNT
CLOSING	58497.1		
OPENING	58496.1		
SOLD	1		
PRICE	3.999		
AMOUNT	3.99	TOTAL	

DELI EXPENSES	AMOUNT
1	
2	
<b>TOTAL</b>	<b>\$</b>

GAS SALES	
GAS	-
KERO	3.99
<b>\$</b>	<b>3.99</b>
AMOUNT	

INVENTORY	BLUE	SILVER	GOLD	KERO
OPEN	282	208	417	222
DELIV.				
TOTAL				
SOLD	-	-	-	1
CLOSE	282	208	417	221
ACTUAL	282	208	417	221
STICKS	-	-	-	188
DIFFR.	-	-	-	-

OTHER EXPENSES	AMOUNT
1	
2	
<b>TOTAL</b>	<b>\$</b>

	REGULAR PACKS	REGULAR CARTONS	GENERIC PACKS	GENERIC CARTONS	SUB.GEN. PACKS	SUB.GEN. CARTONS	PHONE CARDS	LOTTERY				
								\$1	\$2	5	10	20
OPEN	1080	67	553	47	-	-	170	2046	1651	1064	412	148
ADD	+50	-5	+30	-3								
TOTAL	1130	62	583	44								
CLOSE	1079	62	570	44			160	2026	1647	1035	410	145
SOLD	51	-	13	-			10	20	8	145	20	60
REGISTER	51	-	13	-			10 <sup>00</sup>	TOTAL LOTTERY \$ 259 <sup>00</sup>				*2
REGISTER-SOLD	-	-	-	-								210

GAS SALES	3.99	TOTAL COLL.-TOTAL SOLD	TOTAL DROPS	1420.00
STORE SALES	863.39	(-) short	CREDIT CARDS	348.17
STORE TAX	46.37	(+) over	MANUAL C.C.	6
STORE SALES			T.CREDIT CARDS	
DELI SALES			TELECHECK	
DELI TAX			VENDORS	25.60
PHONE CARDS	10 <sup>00</sup>		LOTTO PAYMENT	
INSTANT LOTTO	259 <sup>00</sup>		DELI EXPENSES	
LOTTO	599.75		OTHER EXPENSES	
PREPAID PHONE C.	15 <sup>00</sup>	GAS SEQUENCE # 741-	CHARGES	
PAID IN		STORE SEQUENCE #	TOTAL COLL.	1793.77
<b>TOTAL SOLD</b>	<b>1797.50</b>	<b>TOTAL VOL:   -</b>		

DAILY BALANCE REPORT

FOR TUE MAR 30, 2010  
 RETAILER/TERM 171281-00  
 RT. 58 FOOD MART  
 PRINTED TUE MAR 30, 2010 22:40:27

ONLINE SALES 793.25  
 ONLINE CANCELS -49.50 C  
 ONLINE CASHES -3.00 C  
 ONLINE PROMO CASH 0.00  
 ONLINE PROMO FREE 0.00  
 ONLINE NET 740.75  
 INSTANT CASHES -141.00 C  
 CLOSING BALANCE 599.75

NOT FOR SALE - NOT FOR PLAY  
 REPORTING ONLY

MAR 30, 2010 10:23 PM

FOOD MART  
 8917 SOUTH QUAY ROAD  
 SUFFOLK, VA 23437  
 PH: (757) 657-2366

MERCHANT ID: 0000110586  
 STORE ID: 1  
 TERMINAL ID: 1  
 REPORT ID: 2

\*\*\* SHIFT REPORT \*\*\*

REF	TY	RETAIL PRICE	COMMISSION	PRODUCT CODE
351	PR	\$ 15.00	\$ 1.65	WIVZU01500
RETAIL PRICE TOTAL:				\$ 15.00
COMMISSION TOTAL:				\$ 1.65
TRANSACTION FEE TOTAL:				\$ 0.00
SERVICE FEE TOTAL:				\$ 0.00
SERVICE FEE COMM TOTAL:				\$ 0.00

REF	DATE	TIME	TRACKING #	PAYMENT
351	03/30/10	17:36	000263401001	CASH

REF CLERK NAME

351 Jennifer

GO CO 3  
 8917 S. QUAY RD.  
 SUFFOLK VA, 23834  
 757-657-9305

MAR 31, 2010 12:27 AM

SYSTEM STATUS REPORT

T 1:LOW PRODUCT ALARM  
 T 1:INVALID FUEL LEVEL  
 T 1:DELIVERY NEEDED  
 T 2:LOW PRODUCT ALARM  
 T 2:INVALID FUEL LEVEL  
 T 2:DELIVERY NEEDED  
 T 3:LOW PRODUCT ALARM  
 T 3:INVALID FUEL LEVEL  
 T 3:DELIVERY NEEDED

INVENTORY REPORT

T 1: SUPER  
 T 1: INVALID FUEL LEVEL  
 VOL INVALID 415 GALS  
 ULLAGE = 7645 GALS  
 90% ULLAGE = 6839 GALS  
 TC VOLUME = 415 GALS  
 HGT INVALID 9.53 INCHES  
 WATER VOL = 0 GALS  
 WATER = 0.00 INCHES  
 TEMP = 56.8 DEG F

T 2: REG. UNLEADED  
 T 2: INVALID FUEL LEVEL  
 VOL INVALID 281 GALS  
 ULLAGE = 7779 GALS  
 90% ULLAGE = 6973 GALS  
 TC VOLUME = 281 GALS  
 HGT INVALID 7.31 INCHES  
 WATER VOL = 0 GALS  
 WATER = 0.00 INCHES  
 TEMP = 56.1 DEG F

T 3: UNLEADED PLUS  
 T 3: INVALID FUEL LEVEL  
 VOL INVALID 207 GALS  
 ULLAGE = 7853 GALS  
 90% ULLAGE = 7047 GALS  
 TC VOLUME = 208 GALS  
 HGT INVALID 5.96 INCHES  
 WATER VOL = 12 GALS  
 WATER = 0.88 INCHES  
 TEMP = 55.9 DEG F

\*\*\*\*\* END \*\*\*\*\*

DAILY SUMMARY REPORT

FOR TUE MAR 30, 2010  
 RETAILER/TERM 171281-00  
 RT. 58 FOOD MART  
 PRINTED TUE MAR 30, 2010 22:40:35

COUNT	ONLINE SUMMARY	
250	PICK 3	212.50
446	PICK 4	339.50
18	CASH 5	25.25
64	MEGA MILLIONS	169.00
5	POWERBALL	15.00
8	WIN FOR LIFE	18.00
7	FAST PLAY	14.00
0	RAFFLE	0.00
798	TOTAL	793.25
4	CANCELS	-49.50 C
1	CASHES	-3.00 C
0	PROMO CASH	0.00
0	PROMO FREE	0.00
	ONLINE TOTAL	740.75

COUNT	INSTANT SUMMARY	
0	ACTIVATIONS	0.00
0	FULL RETURNS	0.00
0	PARTIAL RETURNS	0.00
23	CASHES	-141.00 C

NOT FOR SALE - NOT FOR PLAY  
 REPORTING ONLY

**Attachment 5**

November 3, 2009 Crompco LDDT, LLT, & CP Test



**IMPORTANT LEGAL DOCUMENTS**

November 18th, 2009

Rt.58 Food Mart #USP8917  
8917 S.Quay Rd.  
Suffolk, VA 23437

Re:  
2009 Compliance Test Results  
Crompco Work Order #223113  
Test Performed on Tue Nov 3rd, 2009

Dear Manager (Facility #USP8917):

Enclosed are the 2009 Compliance Test Results for testing performed by Crompco. These test results are **important legal documents** that are required to be retained at your facility in the "Environmental Compliance Binder" in case an inspection would occur by a state or local agency. Upon receipt, please put the results in the binder as requested.

The 2009 compliance tests performed at your facility are indicated below. For specific testing detail, please refer to the enclosed test report.

	Tank(s)
X	Line(s) and/or Leak Detector(s)
X	Cathodic Protection
	Monitor Inspection
	Vapor Recovery
	Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Crompco at 1-800-646-3161.

Sincerely,

Francyne Klein  
Compliance Administrator

**CERTIFICATE OF UNDER GROUND STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
 1815 Gallagher Road  
 Plymouth Meeting, PA 19462

**Phone:** (610) 278-7203  
**Fax:** (610) 278-7621

Work Order #223113	Client Information	Location #USP8917
<b>Date:</b> Tue Nov 3rd, 2009 <b>Reason:</b> Compliance	CASH ON DELIVERY - Testing Services Agreement  <b>Invoice #</b> 248138 <b>Permit#</b> <b>P.O.#</b>	Rt.58 Food Mart 8917 S.Quay Rd. Suffolk, VA 23437 <b>County:</b> Stafford

Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.

Lines			
Equip #	Grade	Test	Result
1 (1-4)	Plus	Petro-tite Line	Pass
2 (1-4)	Regular	Petro-tite Line	Pass
3 (1-4)	Premium	Petro-tite Line	Pass

Leak Detectors			
Equip #	Grade	Test	Result
3	Premium	Leak Detector	Pass
2	Regular	Leak Detector	Pass
1	Plus	Leak Detector	Pass

Cathodic Protection: Connectors/Siphon Bar			
Equip #	Location	Test	Result
3	Dispenser - Premium	CP: Connectors	Fail
2	Dispenser - Regular	CP: Connectors	Fail
1	Dispenser - Plus	CP: Connectors	Fail
3	Dispenser - Premium	CP: Connectors	Fail
2	Dispenser - Regular	CP: Connectors	Fail
1	Dispenser - Plus	CP: Connectors	Fail
3	STP - Premium	CP: Connectors	Fail
2	STP - Regular	CP: Connectors	Fail
1	STP - Plus	CP: Connectors	Fail

**Ray Bailey**  
 VMI LDT-890 #2481 and Install/Replace #2480  
 Cathodic Protection Testing Training: CorPreTek  
 Petro-Tite Line Testing #PAC011171203090 (Exp:  
 12/03/2009)

**Petro Tite Line Test**

Line Number:	1		
Grade:	Plus	Net Volume Change:	0.00000 gph
Material:	Fiberglass	<b>Bleedback</b>	
Total Line Length:	100 ft.	$(PL \times Ba) + (FC \times Bb) + B = N$	
Diameter:	2 in.	$(100 \times 0.00000) + (3 \times 0.006) + 0.05 = 0.068 \text{ gals}$	
Testing Line Length:	100		
Dispenser Range	1-4		
Wall:	Single	Allowable (gal):	0.06800
Pump Manufac:	Red Jacket	Measured (gal):	0.04600
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
0914	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0	
0915	Started line test	0.0	50.0	0.0000	0.0310	N/A	
0930	Line Test Continued	50.0	50.0	0.0310	0.0310	0	
0945	Line Test Continued	50.0	50.0	0.0310	0.0310	0	
	Bleed Back	50.0	0.0	0.0310	0.0770	0.046	

**Petro Tite Line Test**

Line Number:	2		
Grade:	Regular	Net Volume Change:	0.00000 gph
Material:	Fiberglass	<b>Bleedback</b>	
Total Line Length:	100 ft.	$(PL \times Ba) + (FC \times Bb) + B = N$	
Diameter:	2 in.	$(100 \times 0.00000) + (3 \times 0.006) + 0.05 = 0.068 \text{ gals}$	
Testing Line Length:	100		
Dispenser Range	1-4		
Wall:	Single	Allowable (gal):	0.06800
Pump Manufac:	Red Jacket	Measured (gal):	0.04500
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
0914	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0	
0915	Started line test	0.0	50.0	0.0000	0.0240	N/A	
0930	Line Test Continued	50.0	50.0	0.0240	0.0240	0	
0945	Line Test Continued	50.0	50.0	0.0240	0.0240	0	
	Bleed Back	50.0	0.0	0.0240	0.0690	0.045	

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd.  
 Suffolk, VA 23437

**Customer Copy**  
 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

**Petro Tite Line Test**

Line Number:	3		
Grade:	Premium	Net Volume Change:	0.00000 gph
Material:	Fiberglass	<b>Bleedback</b>	
Total Line Length:	100 ft.	$(PL \times Ba) + (FC \times Bb) + B = N$	
Diameter:	2 in.	$(100 \times 0.00000) + (3 \times 0.006) + 0.05 = 0.068 \text{ gals}$	
Testing Line Length:	100		
Dispenser Range	1-4		
Wall:	Single	Allowable (gal):	0.06800
Pump Manufac:	Red Jacket	Measured (gal):	0.04500
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
0914	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0	
0915	Started line test	0.0	50.0	0.0000	0.0250	N/A	
0930	Line Test Continued	50.0	50.0	0.0250	0.0250	0	
0945	Line Test Continued	50.0	50.0	0.0250	0.0250	0	
	Bleed Back	50.0	0.0	0.0250	0.0700	0.045	

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd.  
 Suffolk, VA 23437

**Customer Copy**  
 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

**Line Leak Detector Test**

**Line Leak Detector Test**

Leak Detector Number:	3	Leak Detector Number:	2
Grade:	Premium	Grade:	Regular
Dispenser Range:	1-4	Dispenser Range:	1-4
Make:	Red Jacket	Make:	Red Jacket
Model:	FX1V	Model:	FX1V
Serial #	31107 3808	Serial #	10707 3769
<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic		<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic	
Test Conducted at Dispenser #:	1/2	Test Conducted at Dispenser #:	1/2
Submersible Pump Operating Pressure (psi):	30	Submersible Pump Operating Pressure (psi):	30
Check Valve Holding Pressure (psi):	22	Check Valve Holding Pressure (psi):	22
Bleedback Check (gal):	.017	Bleedback Check (gal):	.016
Mechanical Line Leak Detector Step-Through Time (seconds):	5	Mechanical Line Leak Detector Step-Through Time (seconds):	3
**Note: not applicable for electronic line leak detectors		**Note: not applicable for electronic line leak detectors	
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive		Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.		Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

**Line Leak Detector Test**

Leak Detector Number:	1
Grade:	Plus
Dispenser Range:	1-4
Make:	FE-Petro
Model:	STP-MLD
Serial #	01081413
<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic	
Test Conducted at Dispenser #:	1/2
Submersible Pump Operating Pressure (psi):	30
Check Valve Holding Pressure (psi):	24
Bleedback Check (gal):	.013
Mechanical Line Leak Detector Step-Through Time	

(seconds):	4
**Note: not applicable for electronic line leak detectors	
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

Crompco, LLC  
 1815 Gallagher Road  
 Plymouth Meeting, PA 19462

Rt.58 Food Mart  
 Phone: (610) 278-7203  
 FAX: 610-278-7621

8917 S.Quay Rd.  
 Suffolk, VA 23437

Customer Copy  
 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

**Cathodic Protection: Connectors**

<b>Equipment #</b>	3
<b>Grade:</b>	Premium
<b>Material:</b>	Steel
<b>Type:</b>	Swing Joint
<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None

<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-479 mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv

<b>Location 2</b>	
<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv

<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Result:** F

<b>Equipment #</b>	2
<b>Grade:</b>	Regular
<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None

<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-499 mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv

<b>Location 2</b>	
<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv

<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Result:** F

Crompco, LLC  
 1815 Gallagher Road  
 Plymouth Meeting, PA 19462

Rt.58 Food Mart  
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8917 S.Quay Rd.  
 Suffolk, VA 23437

Customer Copy  
 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

**Cathodic Protection: Connectors**

Equipment # 1		Equipment # 3	
Grade:	Plus	Grade:	Premium
Material:	Steel	Material:	Steel
Type:	Flex Connector	Type:	Flex Connector
Location:	Dispenser	Location:	Dispenser
Cathode Type:	No CP Installed	Cathode Type:	No CP Installed
Installation:	None	Installation:	None
<b>Location 1</b>		<b>Location 1</b>	
Half Cell Location:	Dispenser	Half Cell Location:	Dispenser
Half Cell Location Equipment Number (optional):		Half Cell Location Equipment Number (optional):	
Energized On:	-487 mv	Energized On:	-494 mv
Instant Off:	mv	Instant Off:	mv
Native (local):	mv	Native (local):	mv
Native (remote):	mv	Native (remote):	mv
<b>Location 2</b>		<b>Location 2</b>	
Half Cell Location:		Half Cell Location:	
Half Cell Location Equipment Number (optional):		Half Cell Location Equipment Number (optional):	
Energized On:	mv	Energized On:	mv
Instant Off:	mv	Instant Off:	mv
Native (local):	mv	Native (local):	mv
Native (remote):	mv	Native (remote):	mv
Lead Wires Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lead Wires Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Test Station Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Test Station Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Instant Off Capability:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Instant Off Capability:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result: F</b>		<b>Result: F</b>	

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd.  
 Suffolk, VA 23437

**Customer Copy**  
 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

**Cathodic Protection: Connectors**

Equipment # 2		Equipment # 1	
<b>Grade:</b>	Regular	<b>Grade:</b>	Plus
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-471 mv	<b>Energized On:</b>	-491 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>F</b>	<b>Result:</b>	<b>F</b>

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 Suffolk, VA 23437

Customer Copy  
 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

**Cathodic Protection: Connectors**

Equipment # 3		Equipment # 2	
Grade:	Premium	Grade:	Regular
Material:	Steel	Material:	Steel
Type:	Flex Connector	Type:	Flex Connector
Location:	STP	Location:	STP
Cathode Type:	No CP Installed	Cathode Type:	No CP Installed
Installation:	None	Installation:	None
<b>Location 1</b>		<b>Location 1</b>	
Half Cell Location:	Dispenser	Half Cell Location:	Dispenser
Half Cell Location Equipment Number (optional):		Half Cell Location Equipment Number (optional):	
Energized On:	-501 mv	Energized On:	-499 mv
Instant Off:	mv	Instant Off:	mv
Native (local):	mv	Native (local):	mv
Native (remote):	mv	Native (remote):	mv
<b>Location 2</b>		<b>Location 2</b>	
Half Cell Location:		Half Cell Location:	
Half Cell Location Equipment Number (optional):		Half Cell Location Equipment Number (optional):	
Energized On:	mv	Energized On:	mv
Instant Off:	mv	Instant Off:	mv
Native (local):	mv	Native (local):	mv
Native (remote):	mv	Native (remote):	mv
Lead Wires Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lead Wires Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Test Station Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Test Station Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Instant Off Capability:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Instant Off Capability:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>F</b>	<b>Result:</b>	<b>F</b>

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd.  
 Suffolk, VA 23437

**Customer Copy**  
 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

**Cathodic Protection: Connectors**

<b>Equipment #</b>	1
<b>Grade:</b>	Plus
<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector
<b>Location:</b>	STP
<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None

**Location 1**

<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-487 mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv

**Location 2**

<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv

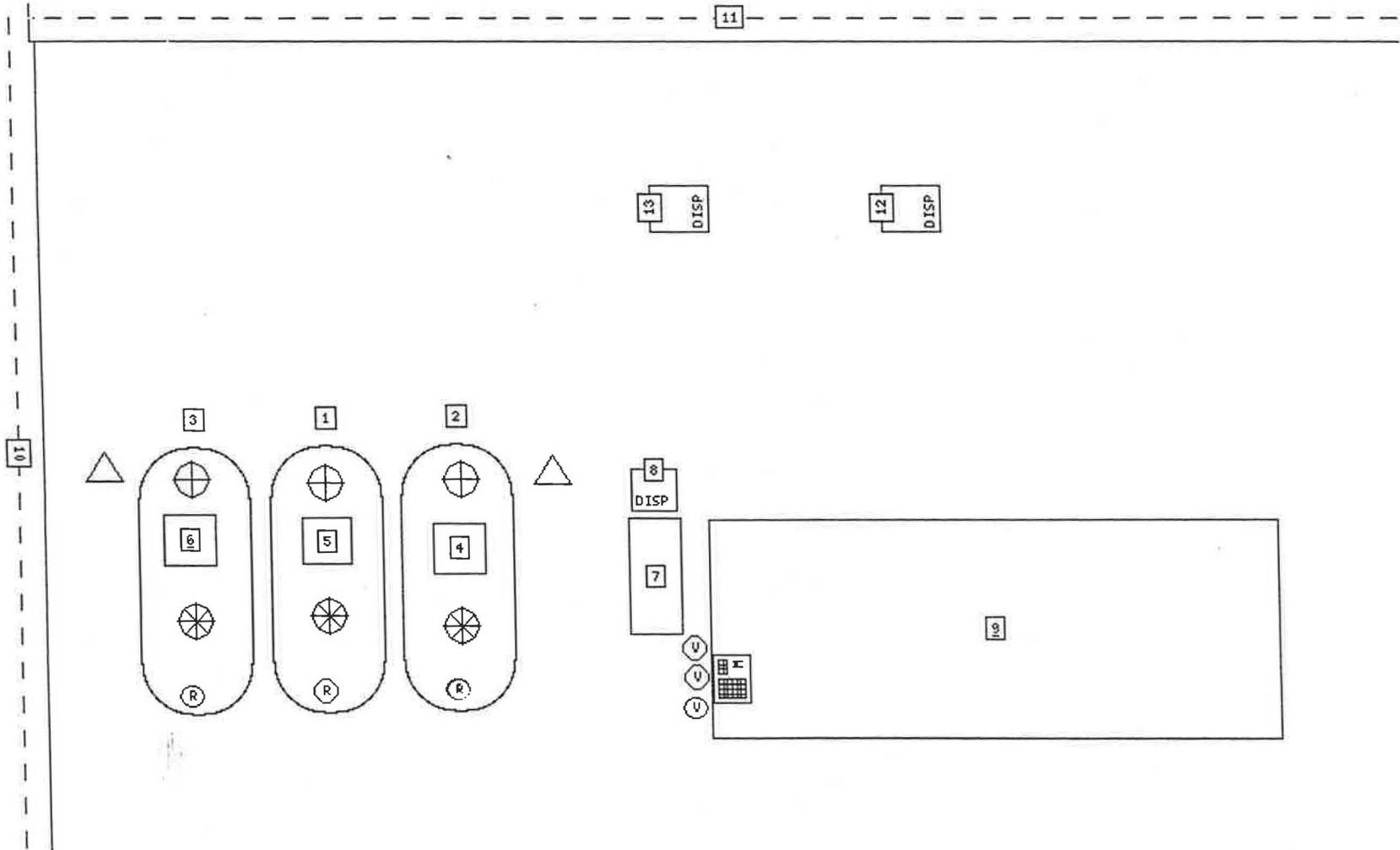
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<b>Result:</b>	<b>F</b>
----------------	----------



Date: 2009-11-03  
Work Order #: 223113  
Location #: USP8917

Remote Fill	ATG	Road	Fixed Reference Cell	Circuit Breaker	Vent	Overfill Alarm
Dry Brake	Emergency Stop	Block	Stage 1 w/ Extractor	Interstitial	Containment Sump	Dispenser
Riser	Fill	CP Test Station	Temp Well Installed	Monitor	Rectifier	Drop Tank
Anode	STP	Flapper Direction	Compass	Well	Remote Dry Brake	
Extractor	CP Junction Box	Tank	Manway	DW Fill		



**Crompco, LLC.**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

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**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd.  
Suffolk, VA 23437

**Customer Copy**  
Site #USP8917 / WO #223113  
Tue Nov 3rd, 2009

**Site Diagram Labels**

- 1: Tank - regular 8k
- 2: Tank - premium 8k
- 3: Tank - plus 8k
- 4: Block - stp
- 5: Block - stp
- 6: Block - stp
- 7: Block - aboveground kerosene
- 8: Dispenser - kero
- 9: Block - rt 58 food mart pure oil
- 10: Road - holy neck road
- 11: Road - south quay road (rt 58)
- 12: Dispenser - mpd 1-2
- 13: Dispenser - mpd 3-4

1815 Gallagher Road  
Plymouth Meeting, Pa 19462  
WORK VERIFICATION



610-278-7203  
610-278-7621 (fax)  
www.crompco.com

STATION INFORMATION

TEST DATE	11/3/09	WORK ORDER #	22313
ARRIVAL TIME	0830	SITE NUMBER	USPS 917
DEPART TIME	1130	SITE NAME	PURE
TOTAL HRS ON SITE	30	SITE ADDRESS	8917 S Quay Rd
ADDL LABOR HRS			Suffolk VA 23137

WORK PERFORMED

LINE'S LEAD INSPECTORS, CONTING PROTECTION

PARTS REPLACED

ADDITIONAL INFORMATION

DISPENSER # AND PRODUCT IF NOZZLES REPLACED  
TOTAL \$ DISPENSED PER PRODUCT PER DISPENSER  
DISPENSER UPGRADE FUEL POINT LOCK OUT/TAG OUT  
TOTAL GAL \$ DISPENSED PER PRODUCT PER DISPENSER

COMMENTS

Total = \$8840.00  
CORRECTED BY TO \$4000 / 22576

SAFETY OSHA REQUIREMENTS

- |   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> SAFETY VEST | <input checked="" type="checkbox"/> GLOVES  | <input checked="" type="checkbox"/> SAFETY GLASSES/GOGGLES |
| <input type="checkbox"/> PROTECTIVE CLOTHING    | <input type="checkbox"/> HEARING PROTECTION | <input type="checkbox"/> RESPIRATOR                        |
| <input checked="" type="checkbox"/> BOOTS       | <input type="checkbox"/> WELDING PPE        | <input type="checkbox"/> HARD HAT                          |
|   |   | <input type="checkbox"/> OTHER                             |

CHECK APPLICABLE ITEM(S) BELOW PER OSHA REQUIREMENTS

- |   |   |
|---|---|
| <input type="checkbox"/> ABOVE GROUND WORK & LADDER USAGE     | Use full protection on working surfaces 6 feet or more above the ground<br>Use correct safety techniques when climbing ladders in good condition and sturdy       |
| <input checked="" type="checkbox"/> BARRIERS & WARNING SIGNS  | Use barriers & safety cones to warn others of work activity and potential hazards   |
| <input type="checkbox"/> CONFINED SPACE ENTRY                 | Use written confined space entry program & permit in accordance with OSHA regulations   |
| <input type="checkbox"/> EXCAVATION & TRENCHING               | Identify location of underground pipelines, cables & utilities prior to start of work<br>Use appropriate shoring & follow confined space procedures when required |
| <input checked="" type="checkbox"/> LOCKOUT/TAGOUT PROCEDURES | Identify equipment to be de-energized, tag breaker & place LOTO prior to start of work  |

GENERAL SITE SAFETY RULES

- Safety vest must be worn at all times
- Wear proper personal protective equipment provided by the employer and use safety cones with reflective triangles
- Use correct safe lifting techniques: Lifting with proper technique and proper posture. Do not lift or carry heavy loads.
- Use proper tie-off techniques when working at heights (STAY 180°)
- Do not work alone. Use proper fall protection when the potential exists and always use proper safety techniques.
- Do not work on live wires unless you are specifically trained and authorized to do so.
- Report all safety incidents & near misses to your supervisor immediately. Do not work on live wires unless you are specifically trained and authorized to do so.

DEALER OR MANAGER NAME (PRINT)

*James H. Wood*

SIGNATURE

*[Signature]*

**Attachment 6**

May 11, 2010 Post Inspection Information: LDDT, LTT, and CP tests for:  
12/6/07, 11/25/08, & 11/3/09



Fwd: Crompco Test Results: Work Order #190979

t  
Ezgi Kiriscioglu o Andrew Ma  
:

05/11/2010 11:57 AM

----- Forwarded message -----

From: **Jennifer Foster** <[jennifer.foster@crompco.com](mailto:jennifer.foster@crompco.com)>

Date: Tue, May 11, 2010 at 11:48 AM

Subject: Crompco Test Results: Work Order #190979

To: [ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com), "[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)" <[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)>

Please see attachment.

--

Ezgi Kiriscioglu

P: 201-866-9000



F: 201-866-9006 [Crompco\\_Results\\_SUSP8517\\_WO190979.html](#)



### IMPORTANT LEGAL DOCUMENTS

December 14th, 2007

Rt.58 Food Mart #USP8917  
8917 S.Quay Rd.  
Suffolk, VA 23437

Re:  
2007 Compliance Test Results  
Crompco Work Order #190979  
Test Performed on December 6th, 2007

Dear Station Manager (Facility #USP8917):

Enclosed are the 2007 Compliance Test Results for testing performed by Crompco for USP-NJPO. These test results are **important legal documents** that are required to be retained at your facility in the "Environmental Compliance Binder" in case an inspection would occur by a state or local agency. Upon receipt, please put the results in the binder as requested by USP-NJPO.

The 2007 compliance tests performed at your facility are indicated below. For specific testing detail, please refer to the enclosed test report.

	Tank(s)
X	Line(s) and/or Leak Detector(s)
X	Cathodic Protection
	Monitor Inspection
	Vapor Recovery
	Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Jennifer Foster or Sue Hickey of Crompco at 1-800-646-3161.

Sincerely,

Jennifer Foster  
Compliance Administrator

EPA 306

**CERTIFICATE OF UNDERGROUND STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

Phone: (610) 278-7203  
 Fax: (610) 278-7621

<b>Work Order #190979</b>		<b>Client Information</b>		<b>Station #USP8917</b>	
<b>Date:</b> December 6th, 2007 <b>Reason:</b> Compliance		New Jersey Petroleum Organization ( Accounts Payable) <b>Invoice #</b> 187011 <b>Permit#</b> <b>P.O.#</b>		USP-NJPO 8917 S.Quay Rd. Suffolk, VA 23437 <b>County:</b> Stafford	
Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.					
<b>Lines</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
1	Plus	Petro-tite Line	Pass		
2	Regular	Petro-tite Line	Pass		
3	Premium	Petro-tite Line	Pass		
<b>Leak Detectors</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
3	Premium	Leak Detector	Pass		
2	Regular	Leak Detector	Pass		
1	Plus	Leak Detector	Pass		
<b>Cathodic Protection: Tanks</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
3	Premium	CP: Tanks	Pass		
2	Regular	CP: Tanks	Pass		
1	Plus	CP: Tanks	Pass		
<b>Cathodic Protection: Connectors/Siphon Bar</b>					
<b>Equip #</b>	<b>Location</b>	<b>Test</b>	<b>Result</b>		
1	STP - Plus	CP: Connectors	Fail		
2	STP - Regular	CP: Connectors	Fail		
3	STP - Premium	CP: Connectors	Fail		
1	Dispenser - Plus	CP: Connectors	Fail		
2	Dispenser - Regular	CP: Connectors	Fail		
3	Dispenser - Premium	CP: Connectors	Fail		
1	Dispenser - Plus	CP: Connectors	Fail		
2	Dispenser - Regular	CP: Connectors	Fail		
3	Dispenser - Premium	CP: Connectors	Fail		
<b>Additional Costs</b>					
<b>PARTS: Leak Detector (2)</b>					
<b>Comments</b>					
Cathodic protection failed on all flex connectors. No cathodic protection installed.					

**Francis Dryslewski**  
 Petro-Tite Line Testing #PAC01211203090 (Exp:  
 12/03/2009)

EPA 307

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #190979  
 December 6th, 2007

**Petro Tite Line Test**

Line Number: 1  
 Grade: Plus  
 Material: Fiberglass  
 Length: 100 ft.  
 Diameter: 2 in.  
 Wall: Single  
 Pump Manufac: Red Jacket

Test Pressure: 50.00 psi  
 Net Volume Change: 0.00000 gph  
*Bleedback*  
 Allowable (gal): 0.06800  
 Measured (gal): 0.02700

Type of System:  American Suction  
 Pressure

Result:  Pass  
 Fail  
 Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1415	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1430	Pressurized line to at or above TEST PRESSURE for 1 hour pretest	0.0	60.0	0.0000	0.0000	0.0000	
1530	Started line test	0.0	50.0	0.0000	0.0330	0.0000	
1545	Line Test Continued	50.0	50.0	0.0330	0.0330	0.0000	
1600	Line Test Continued	50.0	50.0	0.0330	0.0330	0.0000	
	Bleed Back	50.0	0.0	0.0330	0.0600	0.0270	

**Petro Tite Line Test**

Line Number: 2  
 Grade: Regular  
 Material: Fiberglass  
 Length: 100 ft.  
 Diameter: 2 in.  
 Wall: Single  
 Pump Manufac: Red Jacket

Test Pressure: 50.00 psi  
 Net Volume Change: 0.00000 gph  
*Bleedback*  
 Allowable (gal): 0.06800  
 Measured (gal): 0.02500

Type of System:  American Suction  
 Pressure

Result:  Pass  
 Fail  
 Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1415	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1430	Pressurized line to at or above TEST PRESSURE for 1 hour pretest	0.0	60.0	0.0000	0.0000	0.0000	
1530	Started line test	0.0	50.0	0.0000	0.0210	0.0000	
1545	Line Test Continued	50.0	50.0	0.0210	0.0210	0.0000	
1600	Line Test Continued	50.0	50.0	0.0210	0.0210	0.0000	
	Bleed Back	50.0	0.0	0.0210	0.0460	0.0250	

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
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8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #190979  
 December 6th, 2007

**Petro Tite Line Test**

Line Number: 3  
 Grade: Premium  
 Material: Fiberglass  
 Length: 100 ft.  
 Diameter: 2 in.  
 Wall: Single  
 Pump Manufac: Red Jacket

Test Pressure: 50.00 psi  
 Net Volume Change: 0.00000 gph  
*Bleedback*  
 Allowable (gal): 0.06800  
 Measured (gal): 0.02600

Type of System:  American Suction  
 Pressure

Result:  Pass  
 Fail  
 Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1415	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1430	Pressurized line to at or above TEST PRESSURE for 1 hour pretest	0.0	60.0	0.0000	0.0000	0.0000	
1530	Started line test	0.0	50.0	0.0000	0.0420	0.0000	
1545	Line Test Continued	50.0	50.0	0.0420	0.0420	0.0000	
1600	Line Test Continued	50.0	50.0	0.0420	0.0420	0.0000	
	Bleed Back	50.0	0.0	0.0420	0.0680	0.0260	

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 Suffolk, VA 23437 Site #USP8917 / WO #190979  
 December 6th, 2007

**Petro Tite Leak Detector Test**

**Petro Tite Leak Detector Test**

Leak Detector Number:	3	Leak Detector Number:	2
Grade:	Premium	Grade:	Regular
Make:	Red Jacket	Make:	FE-Petro
Model:	DLD	Model:	STP-MLD
Serial #	50988 ????	Serial #	01081413
<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic	<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic
Test Conducted at Dispenser #:	1-2	Test Conducted at Dispenser #:	1-2
Submersible Pump Operating Pressure (psi):	26	Submersible Pump Operating Pressure (psi):	24
Check Valve Holding Pressure (psi):	18	Check Valve Holding Pressure (psi):	22
Bleedback Check (gallons):	.0180	Bleedback Check (gallons):	.0340
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	0	Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	4
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result:	<input type="checkbox"/> Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive
<b>Retest</b>		Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	
Make:	Red Jacket		
Model:	FX1V		
Serial #	31107 3808		
<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic		
Test Conducted at Dispenser #:	1-2		
Submersible Pump Operating Pressure (psi):	26		
Check Valve Holding Pressure (psi):	18		
Bleedback Check (gallons):	.0180		

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Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	8
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

**Petro Tite Leak Detector Test**

Leak Detector Number:	1
Grade:	Plus
Make:	Red Jacket
Model:	DLD
Serial #	50988 ????
<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic	
Test Conducted at Dispenser #:	1-2
Submersible Pump Operating Pressure (psi):	25
Check Valve Holding Pressure (psi):	17
Bleedback Check (gallons):	.0170
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	0
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Result: <input type="checkbox"/> Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	

EPA 311

<b>Retest</b>	
Make:	Red Jacket
Model:	FX1V
Serial #	10707 3769
<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic
Test Conducted at Dispenser #:	1-2
Submersible Pump Operating Pressure (psi):	25
Check Valve Holding Pressure (psi):	17
Bleedback Check (gallons):	.0170
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	12
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

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 December 6th, 2007

Cathodic Protection: Tanks			
<b>Tank #</b>	3	<b>Tank #</b>	2
<b>Grade:</b>	Premium	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Capacity:</b>	8000	<b>Capacity:</b>	8000
<b>Cathode Type:</b>	Sacrificial	<b>Cathode Type:</b>	Sacrificial
<b>Installation:</b>	Manufacturer Install	<b>Installation:</b>	Manufacturer Install
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	STP sump	<b>Half Cell Location:</b>	STP sump
<b>Half Cell Location Equipment Number (optional):</b>	3	<b>Half Cell Location Equipment Number (optional):</b>	2
<b>Energized On:</b>	-958 mv	<b>Energized On:</b>	-990 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>	Extractor riser	<b>Half Cell Location:</b>	Extractor riser
<b>Half Cell Location Equipment Number (optional):</b>	3	<b>Half Cell Location Equipment Number (optional):</b>	2
<b>Energized On:</b>	-918 mv	<b>Energized On:</b>	-978 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 3</b>		<b>Location 3</b>	
<b>Half Cell Location:</b>	End of tank	<b>Half Cell Location:</b>	End of tank
<b>Half Cell Location Equipment Number (optional):</b>	3	<b>Half Cell Location Equipment Number (optional):</b>	2
<b>Energized On:</b>	-954 mv	<b>Energized On:</b>	-993 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	P	<b>Result:</b>	P

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<b>Cathodic Protection: Tanks</b>	
<b>Tank #</b>	1
<b>Grade:</b>	Plus
<b>Material:</b>	Steel
<b>Capacity:</b>	8000
<b>Cathode Type:</b>	Sacrificial
<b>Installation:</b>	Manufacturer Install
<b>Location 1</b>	
<b>Half Cell Location:</b>	STP sump
<b>Half Cell Location Equipment Number (optional):</b>	1
<b>Energized On:</b>	-980 mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Location 2</b>	
<b>Half Cell Location:</b>	Extractor riser
<b>Half Cell Location Equipment Number (optional):</b>	1
<b>Energized On:</b>	-977 mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Location 3</b>	
<b>Half Cell Location:</b>	End of tank
<b>Half Cell Location Equipment Number (optional):</b>	1
<b>Energized On:</b>	-928 mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	P

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 December 6th, 2007

Cathodic Protection: Connectors			
Equipment # 1		Equipment # 2	
<b>Grade:</b>	Plus	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	STP	<b>Location:</b>	STP
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	STP sump	<b>Half Cell Location:</b>	STP sump
<b>Half Cell Location Equipment Number (optional):</b>	1	<b>Half Cell Location Equipment Number (optional):</b>	2
<b>Energized On:</b>	-398 mv	<b>Energized On:</b>	-466 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

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 December 6th, 2007

<b>Cathodic Protection: Connectors</b>			
<b>Equipment #</b>	3	<b>Equipment #</b>	1
<b>Grade:</b>	Premium	<b>Grade:</b>	Plus
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	STP	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	STP sump	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>	3	<b>Half Cell Location Equipment Number (optional):</b>	1
<b>Energized On:</b>	-411 mv	<b>Energized On:</b>	-489 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

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Cathodic Protection: Connectors			
<b>Equipment #</b>	2	<b>Equipment #</b>	3
<b>Grade:</b>	Regular	<b>Grade:</b>	Premium
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>	2	<b>Half Cell Location Equipment Number (optional):</b>	3
<b>Energized On:</b>	-476 mv	<b>Energized On:</b>	-478 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

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<b>Cathodic Protection: Connectors</b>			
<b>Equipment #</b>	1	<b>Equipment #</b>	2
<b>Grade:</b>	Plus	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>	1	<b>Half Cell Location Equipment Number (optional):</b>	2
<b>Energized On:</b>	-412 mv	<b>Energized On:</b>	-417 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

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<b>Cathodic Protection: Connectors</b>	
<b>Equipment #</b>	3
<b>Grade:</b>	Premium
<b>Material:</b>	Steel
<b>Type:</b>	Swing Joint
<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None
<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>	3
<b>Energized On:</b>	-415 mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Location 2</b>	
<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F



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8917 S.Quay Rd. **Facility/Agency Copy**  
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**Site Diagram Labels**

- 1: Tank - plus 8k
- 2: Tank - regular 8k
- 3: Tank - premium 8k
- 4: Block - rt 58 food mart pure oil
- 5: Road - holy neck road
- 6: Road - south quay road (rt 58)
- 7: Dispenser - mpd 1-2
- 8: Dispenser - mpd 3-4
- 9: Block - stp
- 10: Block - stp
- 11: Block - stp
- 12: Block - aboveground kerosene
- 13: Dispenser - kero

Scanned Paperwork, Page #1

CROMPCO			
1815 Gallagher Road   Plymouth Meeting, PA 19467   (610) 278-7203   FAX (610) 278-7621			
www.crompco.com		GENERAL STATION INFORMATION	WORK VERIFICATION
TEST DATE	12-6-07	WORK ORDER #	190979
ARRIVAL TIME	1330	SITE NUMBER	USP 8917
DEPARTURE TIME	1700	SITE NAME	R758 Fuel Meter (Pump)
TOTAL HRS ON SITE	3.5	SITE ADDRESS	8917 5 Quay Road
ADDL LABOR HRS			Suffolk, VA 23437
WORK PERFORMED			
7837 All Lines, LGS + Cathodic Protection			
PARTS REPLACED			
(2) Fuel Work Reliefs (524)			
ADDITIONAL INFORMATION			
DISPENSER # AND PRODUCT IF NOZZLES REPLACED			
TOTAL # DISPENSED PER PRODUCT PER DISPENSER			
DISPENSER # (GRADE FUEL POINT LOCK OUT) TAG OUT			
TOTAL GAL'S DISPENSED PER PRODUCT PER DISPENSER			
COMMENTS			
SAFETY OSHA REQUIREMENTS			
<input checked="" type="checkbox"/> SAFETY VEST	<input checked="" type="checkbox"/> GLOVES	<input checked="" type="checkbox"/> SAFETY GLASSES/GOOGLES	<input type="checkbox"/> OTHER
<input type="checkbox"/> PROTECTIVE CLOTHING	<input type="checkbox"/> HEARING PROTECTION	<input type="checkbox"/> RESPIRATOR	
<input checked="" type="checkbox"/> BOOTS	<input type="checkbox"/> WELDING PPE	<input type="checkbox"/> HARD HAT	
CHECK APPLICABLE ITEM(S) BELOW PER OSHA REQUIREMENTS			
<input type="checkbox"/> ABOVE GROUND WORK & LADDER USAGE	Use fall protection on walking surfaces 6 feet or more above the ground Use correct sized ladder/ramp/stair for climbing that is in good condition and sturdy		
<input checked="" type="checkbox"/> BARRIERS & WARNING SIGNS	Use barriers & safety cones to warn others of work activity and potential hazards		
<input type="checkbox"/> CONFINED SPACE ENTRY	Use written confined space Entry program & permit in accordance with OSHA regulations		
<input type="checkbox"/> EXCAVATION & TRENCHING	Identification location of underground pipelines, wiring & utilities prior to start of work Use appropriate shoring & tunnel confined space procedures when required		
<input type="checkbox"/> LOCKOUT/TAGOUT PROCEDURES	Identify components in circuit breaker, trip breaker & place LOTO prior to start of work		
GENERAL SITE SAFETY RULES			
<ol style="list-style-type: none"> <li>Safety vest must be worn at all times</li> <li>Wear other personal protective equipment req'd by the job task. Use barricades, vehicles, &amp; orange safety cones when working outside</li> <li>Use correct ladder/ramp/stair for climbing. Ladder to be in good condition, used properly (extended 3 ft beyond roof line &amp; tied off or properly secured)</li> <li>Smoking is NOT permitted anywhere on the work site AT ANY TIME</li> <li>Drug and alcohol use is prohibited. Contractors under the influence of alcohol and drugs will not be allowed to work</li> <li>Have appropriate fire extinguishers and first aid kit available for use on vehicle</li> <li>Report All safety incidents &amp; near misses that involve vehicle accidents, property damage, fires, spills, and potential safety hazards to above &amp; notify</li> </ol>			
DEALER OR MANAGER NAME (PRINT):		SIGNATURE	
ERKAN ARKLAN		Ekan Arklan	

EPA 322



Fwd: Crompco Test Results: Work Order #198998

t  
Ezgi Kiriscioglu o Andrew Ma

05/11/2010 12:19 PM

----- Forwarded message -----

From: **Jennifer Foster** <[jennifer.foster@crompco.com](mailto:jennifer.foster@crompco.com)>

Date: Tue, May 11, 2010 at 11:48 AM

Subject: Crompco Test Results: Work Order #198998

To: [ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com), "ezgi.njpo@gmail.com" <[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)>

Please see attachment.

--  
Ezgi Kiriscioglu  
P: 201-866-9000



F: 201-866-9006 Crompco\_Results\_SUSP8917\_WO198998.html





**IMPORTANT LEGAL DOCUMENTS**

January 5th, 2009

Rt.58 Food Mart #USP8917  
8917 S.Quay Rd.  
Suffolk, VA 23437

Re:  
2008 Compliance Test Results  
Crompco Work Order #198998  
Test Performed on Tue Nov 25th, 2008

Dear Manager (Facility #USP8917):

Enclosed are the 2008 Compliance Test Results for testing performed by Crompco. These test results are **important legal documents** that are required to be retained at your facility in the "Environmental Compliance Binder" in case an inspection would occur by a state or local agency. Upon receipt, please put the results in the binder as requested.

The 2008 compliance tests performed at your facility are indicated below. For specific testing detail, please refer to the enclosed test report.

	Tank(s)
X	Line(s) and/or Leak Detector(s)
X	Cathodic Protection
	Monitor Inspection
	Vapor Recovery
	Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Crompco at 1-800-646-3161.

Sincerely,

Francyne Klein  
Compliance Administrator

**EPA 324**



## CERTIFICATE OF UNDER GROUND STORAGE TANK SYSTEM TESTING



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

Phone: (610) 278-7203  
 Fax: (610) 278-7621

<b>Work Order #198998</b>		<b>Client Information</b>		<b>Location #USP8917</b>	
<b>Date:</b> Tue Nov 25th, 2008 <b>Reason:</b> Compliance		New Jersey Petroleum Organization (Accounts Payable) <b>Invoice #</b> 216175 <b>Permit#</b> <b>P.O.#</b>		Rt.58 Food Mart 8917 S.Quay Rd. Suffolk, VA 23437 <b>County:</b> Stafford	
Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.					
<b>Lines</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
002 (1-4)	Regular	Petro-tite Line	Pass		
003 (1-4)	Premium	Petro-tite Line	Pass		
<b>Leak Detectors</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
002	Regular	Leak Detector	Pass		
003	Premium	Leak Detector	Pass		
<b>Cathodic Protection: Tanks</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
002	Regular	CP: Tanks	Pass		
001	Plus	CP: Tanks	Pass		
003	Premium	CP: Tanks	Pass		
<b>Cathodic Protection: Connectors/Siphon Bar</b>					
<b>Equip #</b>	<b>Location</b>	<b>Test</b>	<b>Result</b>		
2	STP - Regular	CP: Connectors	Fail		
1	STP - Plus	CP: Connectors	Fail		
3	STP - Premium	CP: Connectors	Fail		
003	Dispenser - Premium	CP: Connectors	Fail		
002	Dispenser - Regular	CP: Connectors	Fail		
001	Dispenser - Plus	CP: Connectors	Fail		
003	Dispenser - Premium	CP: Connectors	Fail		
002	Dispenser - Regular	CP: Connectors	Fail		
001	Dispenser - Plus	CP: Connectors	Fail		
<b>Additional Costs</b>					
<b>PARTS: Check Valve, Functional Element</b>					
<b>Comments</b>					
No fuel to test the plus line or leak detector. Cathodic protection failed on all flex connectors.					

**James Gallagher**  
 Petro-Tite Line Testing #PAC01051203090 (Exp:  
 12/03/2009)  
 Cathodic Protection Testing Training: CorPreTek

EPA 325

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #198998  
 Tue Nov 25th, 2008

**Petro Tite Line Test**

Line Number:	002						
Grade:	Regular	Net Volume Change:	0.00000 gph				
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	100 ft.	(PL X Ba) + (FC X Bb) + B = N					
Diameter:	2 in.	(100 x 0.00000) + (3 x 0.006) + 0.05 = 0.068 gals					
Testing Line Length:	100						
Dispenser Range	1-4						
Wall:	Single	Allowable (gal):	0.06800				
Pump Manufac:	Red Jacket	Measured (gal):	0.04600				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1300	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000		
1330	Started line test	0.0	60.0	0.0000	0.0440	na	
1345	Line Test Continued	60.0	60.0	0.0440	0.0440	0	
1400	Line Test Continued	60.0	60.0	0.0440	0.0440	0	
	Bleed Back	60.0	0.0	0.0440	0.0900	0.046	

**Petro Tite Line Test**

Line Number:	003						
Grade:	Premium	Net Volume Change:	0.00000 gph				
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	100 ft.	(PL X Ba) + (FC X Bb) + B = N					
Diameter:	2 in.	(100 x 0.00000) + (3 x 0.006) + 0.05 = 0.068 gals					
Testing Line Length:	100						
Dispenser Range	1-4						
Wall:	Single	Allowable (gal):	0.06800				
Pump Manufac:	Red Jacket	Measured (gal):	0.05600				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1300	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000		
1315	Line Test Continued	60.0	60.0	0.0440	0.0440	n/a	
1330	Started line test	0.0	60.0	0.0000	0.0440	0	
1345	Line Test Continued	60.0	60.0	0.0440	0.0440	0	
	Bleed Back	60.0	0.0	0.0440	0.1000	0.056	

EPA 326



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #198998  
 Tue Nov 25th, 2008

**Petro Tite Leak Detector Test**

**Petro Tite Leak Detector Test**

Leak Detector Number:	002	Leak Detector Number:	003
Grade:	Regular	Grade:	Premium
Dispenser Range:	1-4	Dispenser Range:	1-4
Make:	FE-Petro	Make:	Red Jacket
Model:	STP-MLD	Model:	FX1V
Serial #	01081413	Serial #	31107 3808
<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic		<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic	
Test Conducted at Dispenser #:	1/2	Test Conducted at Dispenser #:	1/2
Submersible Pump Operating Pressure (psi):	26	Submersible Pump Operating Pressure (psi):	26
Check Valve Holding Pressure (psi):	23	Check Valve Holding Pressure (psi):	18
Bleedback Check (gallons):	.0100	Bleedback Check (gallons):	.0110
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	4	Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	4
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive		Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.		Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	





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8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #198998  
 Tue Nov 25th, 2008

<b>Cathodic Protection: Connectors</b>			
<b>Equipment #</b>	2	<b>Equipment #</b>	1
<b>Grade:</b>	Regular	<b>Grade:</b>	Plus
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	STP	<b>Location:</b>	STP
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	STP sump	<b>Half Cell Location:</b>	STP sump
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-565 mv	<b>Energized On:</b>	-462 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>F</b>	<b>Result:</b>	<b>F</b>

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8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #198998  
 Tue Nov 25th, 2008

Cathodic Protection: Connectors			
<b>Equipment #</b>	3	<b>Equipment #</b>	003
<b>Grade:</b>	Premium	<b>Grade:</b>	Premium
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Swing Joint
<b>Location:</b>	STP	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	STP sump	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-610 mv	<b>Energized On:</b>	-502 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
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8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #198998  
 Tue Nov 25th, 2008

Cathodic Protection: Connectors			
<b>Equipment #</b>	002	<b>Equipment #</b>	001
<b>Grade:</b>	Regular	<b>Grade:</b>	Plus
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-510 mv	<b>Energized On:</b>	-434 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>F</b>	<b>Result:</b>	<b>F</b>

EPA 333

**Crompco, LLC**  
**1815 Gallagher Road**  
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8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #198998  
 Tue Nov 25th, 2008

Cathodic Protection: Connectors			
<b>Equipment #</b>	003	<b>Equipment #</b>	002
<b>Grade:</b>	Premium	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-349 mv	<b>Energized On:</b>	-345 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

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8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #198998  
 Tue Nov 25th, 2008

<b>Cathodic Protection: Connectors</b>	
<b>Equipment #</b>	001
<b>Grade:</b>	Plus
<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None
<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-340 mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Location 2</b>	
<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>F</b>

EPA 335



**EPA 336**

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone:** (610) 278-7203  
**FAX:** 610-278-7621

8917 S.Quay Rd. Suffolk, VA 23437  
**Facility/Agency Copy**  
Site #USP8917 / WO #198998  
Tue Nov 25th, 2008

**Site Diagram Labels**

- 1: Tank - premium 8k
- 2: Tank - plus 8k
- 3: Tank - regular 8k
- 4: Block - stp
- 5: Block - stp
- 6: Block - stp
- 7: Block - aboveground kerosene
- 8: Dispenser - kero
- 9: Block - rt 58 food mart pure oil
- 10: Road - holy neck road
- 11: Road - south quay road (rt 58)
- 12: Dispenser - mpd 1-2
- 13: Dispenser - mpd 3-4

Scanned Paperwork, Page #1



5 hr travel

1815 Gallagher Road | Plymouth Meeting, PA 19462 | (610) 278-7203 | FAX 278-7621

CROMPCO CORPORATION WORK VERIFICATION

DATE 11/25/08

STATION NUMBER USP 8917 WORK ORDER NUMBER 198998

ADDRESS Rt 58 Food Mart

8917 S. Gray Rd

Suffolk VA 23477

757-652-2366

ARRIVAL TIME

DEPARTURE TIME

TOTAL HOURS ON SITE

1130

1530

4

WORK PERFORMED: Lives: LP - GP

no Plus Fuel - Plus Live + LP not tested

TOTAL ADDITIONAL LABOR HOURS

PARTS REPLACED 1 Functional Element 1 Check valve + spring

DISPENSER NUMBER AND PRODUCT IF NOZZLES REPLACED

TOTAL GALLONS DISPENSED PER PRODUCT PER DISPENSER

All But Pour into tanks

TOTAL DOLLARS DISPENSED PER PRODUCT PER DISPENSER

DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT

DEALER OR MANAGER SIGNATURE

[Signature]

UNDERGROUND TANK & LINE TESTING

R

Scanned Paperwork, Page #2

VIRGINIA DEC		CATHODIC PROTECTION SYSTEM EVALUATION FORM		7531-CF (05/06)	
> This form should be utilized to evaluate underground storage tank (UST) cathodic protection systems in the Commonwealth of Virginia. > Access to the soil directly over the cathodically protected structure that is being evaluated must be provided. > A site drawing depicting the UST cathodic protection system and all reference electrode placements must be completed.					
I. UST OWNER			II. UST FACILITY		
NAME:		NAME: <i>Rt 58 Fossil Markt</i>		ID #	
ADDRESS:		ADDRESS: <i>8917 S Quay Rd</i>			
CITY:		CITY: <i>Suffolk</i>		COUNTY:	
STATE:		STATE: <i>VA</i>		ZIP: <i>23137</i>	
PHONE:		PHONE: <i>757-657-2366</i>			
III. REASON SURVEY WAS CONDUCTED (mark only one)					
<input checked="" type="checkbox"/> Routine - 3 year <input type="checkbox"/> Routine - within 6 months of installation <input type="checkbox"/> 30-day re-survey after fail <input type="checkbox"/> Re-survey after repair/modification					
Date that cathodic protection survey must be conducted: _____ (required within 6 months of installation/repair & every 3 years thereafter)					
IV. CATHODIC PROTECTION TESTER'S EVALUATION (mark only one)					
<input type="checkbox"/> PASS		All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VI)			
<input checked="" type="checkbox"/> FAIL		One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system(s) (complete Section VI)			
TESTER'S NAME: <i>James Gallagher</i>		SOURCE OF CERTIFICATION: <i>Certified</i>			
COMPANY NAME: <i>Cromeco Corp</i>		TYPE OF CERTIFICATION: <i>tester</i>			
ADDRESS: <i>1815 Calhoun Rd</i>		CERTIFICATION NUMBER:			
CITY: <i>Plymouth Park</i>		STATE: <i>PA</i>		ZIP: <i>17162</i>	
PHONE: <i>610-228-7203</i>					
CP TESTER'S SIGNATURE:		DATE SIGNED:		DATE CP SURVEY PERFORMED:	
V. CORROSION EXPERT'S EVALUATION (mark only one)					
This survey must be conducted and/or evaluated by a corrosion expert when: (1) supplemental anodes or other changes in the construction of the cathodic protection system are made; (2) stray current may be affecting buried metallic structures; or (3) an inconclusive result was written in Section VI (checked for under STI-R072 - "Recommended Practice for the Addition of Supplemental Anodes to all USTs").					
<input type="checkbox"/> PASS		All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VI)			
<input type="checkbox"/> FAIL		One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system (indicate what action is necessary by completion of Section VII)			
CORROSION EXPERT'S NAME:		SOURCE OF CERTIFICATION:			
COMPANY NAME:		TYPE OF CERTIFICATION:			
ADDRESS:		CERTIFICATION NUMBER:			
CITY:		STATE:		ZIP:	
PHONE:					
CORROSION EXPERT'S SIGNATURE:		DATE:			
VI. CRITERIA APPLICABLE TO EVALUATION (mark all that apply)					
<input checked="" type="checkbox"/> -850mV ON / (Instant) OFF (circle "ON" or "OFF" to specify)		Structure-to-soil potential more negative than -850 mV with respect to a Cu/CuSO <sub>4</sub> reference electrode with protective current ON (galvanic) or temporarily interrupted (instant OFF (impressed)). Inconclusive? <input type="checkbox"/>			
<input type="checkbox"/> -100 mV POLARIZATION		Structure(s) exhibit at least 100 mV of cathodic polarization. Inconclusive? <input type="checkbox"/>			
VII. ACTION REQUIRED AS A RESULT OF THIS EVALUATION (mark only one)					
<input type="checkbox"/> NONE		Cathodic protection is adequate. No further action is necessary at this time. Test again by no later than (see Section V)			
<input type="checkbox"/> RETEST		Cathodic protection may not be adequate. Retest during the next 90 days to determine if passing results can be achieved.			
<input checked="" type="checkbox"/> REPAIR & RETEST		Cathodic protection is not adequate. Repair/modification is necessary as soon as practical but within the next 90 days.			
PROVIDED BY THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY UST PROGRAM POLK FIELD BUILDING VA 22020-0001 PHONE: (804) 692-4000 FAX: (804) 692-4000					

Scanned Paperwork, Page #3

VIII. DESCRIPTION OF CUST SYSTEM					
TANK	PRODUCT	CAPACITY	TANK MATERIAL	PIPE MATERIAL	FLEX CONNECTORS
1	Reg-1 out.	8000	SHIP3	FRP	Steel
2	Plus 3	8000	SHIP3	FRP	Steel
3	Protein	8000	SHIP3	FRP	Steel
4					
5					
6					
7					
8					
9					
10					

**IX. IMPRESSED CURRENT RECTIFIER DATA (complete all applicable)**

In order to conduct an effective evaluation of the cathodic protection system, a complete evaluation of rectifier operation is necessary.

RECTIFIER MANUFACTURER: \_\_\_\_\_ RATED DC OUTPUT: \_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

RECTIFIER MODEL: \_\_\_\_\_ RECTIFIER SERIAL NUMBER: \_\_\_\_\_

RECTIFIER OUTPUT AS INITIALLY DESIGNED OR LATESTLY RECOMMENDED (if available): \_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

EVENT	DATE	TAP SETTINGS		DC OUTPUT		HOUR METER	COMMENTS
		COARSE	FINE	VOLTS	AMPS		
"AS FOUND"							
"AS LEFT"							

**X. IMPRESSED CURRENT POSITIVE & NEGATIVE CIRCUIT MEASUREMENTS (complete all applicable)**

Complete if the system is designed to allow such measurements (i.e. individual lead wires for each anode are installed and measurement shunts are present).

CIRCUIT	1	2	3	4	5	6	7	8	9	10	TOTAL AMPS
ANODE (+)											
TANK (-)											

**XI. DESCRIPTION OF CATHODIC PROTECTION SYSTEM REPAIRS AND/OR MODIFICATION**

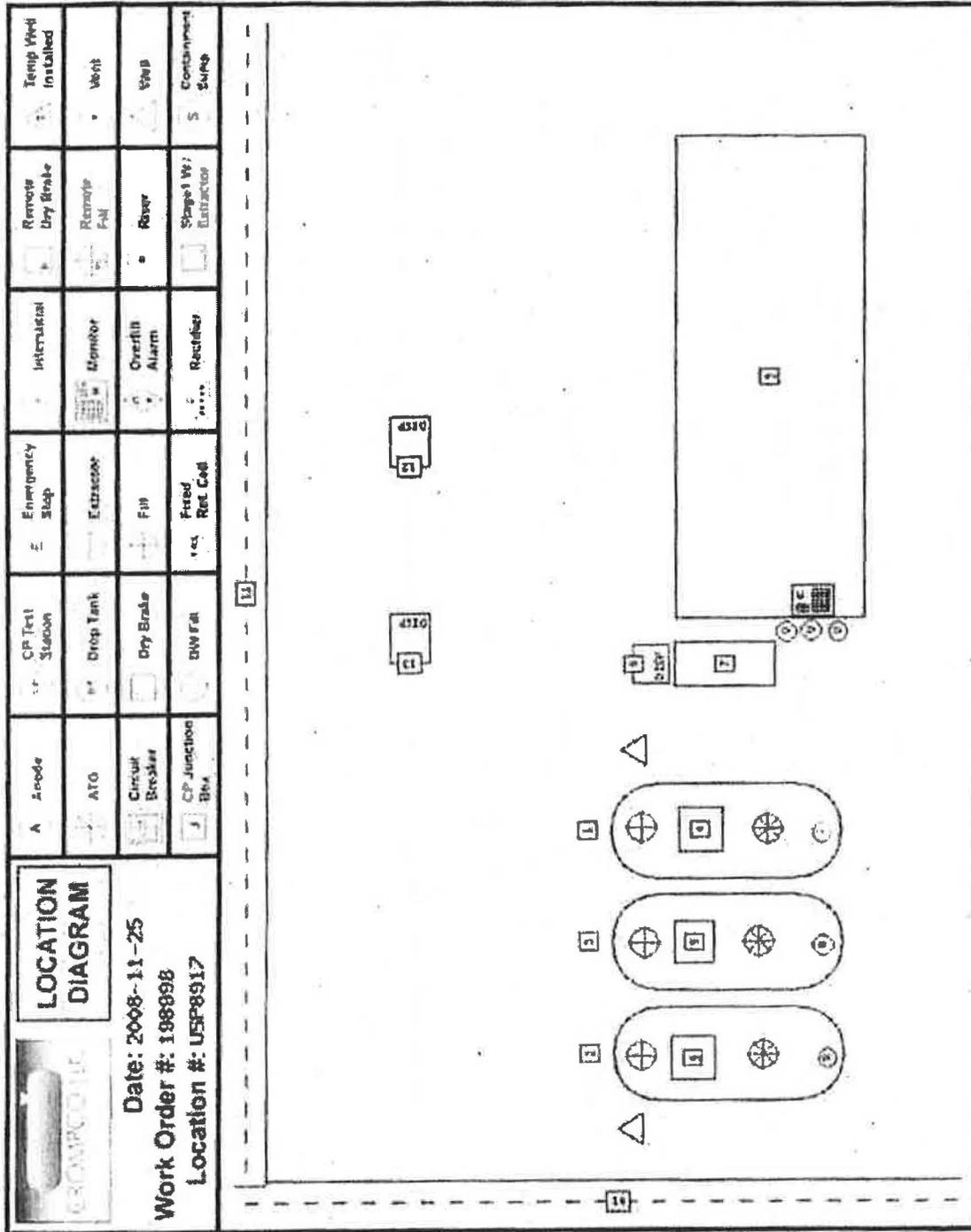
Complete if any repairs or modifications to the cathodic protection system are made (Oil are necessary. Certain repair/modifications are explained in the text of the WAQCD cathodic protection guidance documents) are required to be designed and/or evaluated by a competent expert (completion of Section V required).

- Additional anodes for an impressed current system (attach corrosion expert's design)
- Supplemental anodes for a GTP-PSR tank or metallic pipe (attach corrosion expert's design or documentation industry standard was followed)
- Repairs or replacement of rectifier (explain in "Remarks/Other" below)
- Anode tender cables repaired and/or replaced (explain in "Remarks/Other" below)
- Impressed current protected tanks/piping not electrically continuous (explain in "Remarks/Other" below)
- Galvanically protected tanks/piping NOT electrically isolated (explain in "Remarks/Other" below)

Remarks/Other: \_\_\_\_\_

PRODUCED BY THE WISCONSIN DEPARTMENT OF ENVIRONMENTAL QUALITY. USE PROGRAM #3030A (FOR REGULAR) OR #3030B (FOR GTP-PSR) WITH THE FOLLOWING TITLE: CATHODIC PROTECTION SYSTEMS

Scanned Paperwork, Page #4



**Scanned Paperwork, Page #5**

**Crompco, LLC**  
1815 Gallagher Road  
Plymouth Meeting, PA 19462

**Rt. 58 Food Mart**  
Phone: (610) 278-7203  
FAX: 610-278-7621

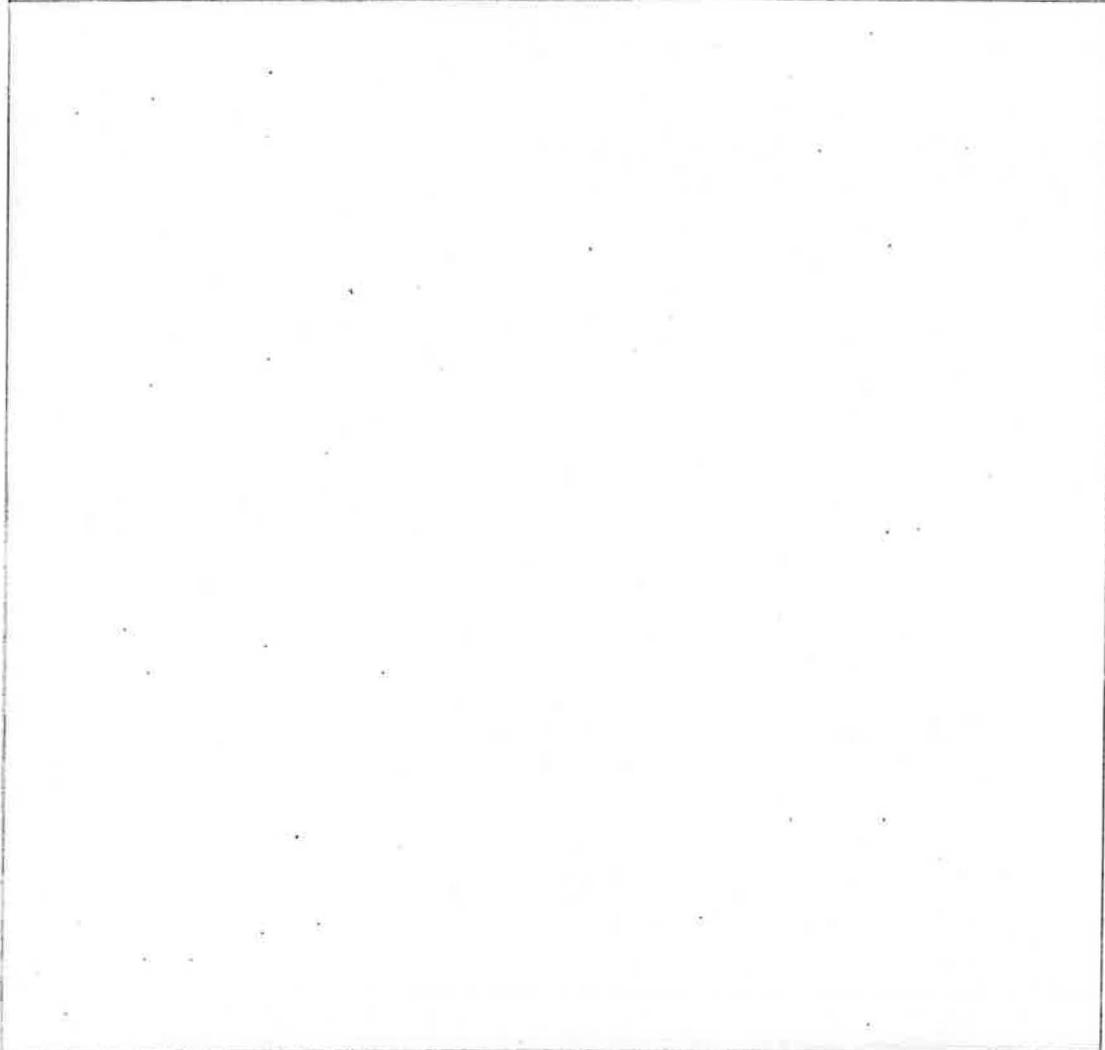
8917 S. Quay Rd.  
Suffolk, VA 23437

**Customer Copy**  
Site # USP8917 / WO # 198998  
Tue Nov 25th, 2008

Site Diagram Labels

- 1: Tank - premium 8k
- 2: Tank - plus 8k
- 3: Tank - regular 8k
- 4: Block - stp
- 5: Block - stp
- 6: Block - stp
- 7: Block - aboveground kerosene
- 8: Dispenser - kero
- 9: Block - rt 58 food mart pure oil
- 10: Road - holy neck road
- 11: Road - south quay road (rt 58)
- 12: Dispenser - mpd 1-2
- 13: Dispenser - mpd 3-4

**Scanned Paperwork, Page #6**

<b>XII. UST FACILITY SITE DRAWING</b>
<p>Attach detailed drawing of the UST and cathodic protection systems. Sufficient detail must be given in order to clearly indicate where the reference electrode was placed for each structure-to-soil potential that is recorded on the survey forms. Any pertinent data must also be included. At a minimum indicate the following: all tanks, piping and dispensers; all buildings and streets; all anodes and wires; location of CP test stations; and, each reference electrode placement must be indicated by a code followed by a "IC" or "G" to indicate the type of CP system (e.g., R1-IC, R2-G, etc.) corresponding with the appropriate line number in Section XIV of this form. (Note, CP test stations (PP4) may be questionable for use as described in Section 6.1.2)</p>
<p><b>AN EVALUATION OF THE CATHODIC PROTECTION SYSTEM IS NOT COMPLETE WITHOUT AN ACCEPTABLE SITE DRAWING.</b></p>

<p>PROVIDED BY THE WISCONSIN DEPARTMENT OF ENVIRONMENTAL QUALITY, UST PROGRAM PUB. NO. 10001 (FORM 7-01) 2000-07-01. PHONE: (608) 261-4311. FAX: (608) 261-4326. WWW: www.dew.state.wi.us</p>



Scanned Paperwork, Page #8

This section may be utilized to conduct a survey of the cathodic protection system by obtaining structure-to-soil potential measurements.

> For impressed current (IC) systems: the reference electrode must be placed (minimum of three locations) in the soil directly above the structure that is being tested and as far away from any active anode as practical to obtain a valid structure-to-soil potential (refer to the VADEQ cathodic protection evaluation guidance document for detailed discussion of electrode placement).

> Both "on" and "instant off" potentials must be measured for each structure that is intended to be under cathodic protection.

> The "instant off" potential must be -650 mV DC or more negative or the 100 mV DC polarization criterion must be satisfied in order to pass.

> For Galvanic (GAL) systems: the reference electrode must be placed (minimum of three locations) with at least one local and at least one placed remotely 25-100 feet away from the structure.

> Both the local and remote voltage must be -650 mV DC or more negative, in order for the structure to pass.

> Inconclusive is indicated when both the local and remote structure-to-soil potentials do not result in the same outcome (both must "pass" or both must "fail").

> As a place to record the "galvanic CP system voltage", use the "On Voltage" 8th column below, and, in cases with supplemental anodes use the "Instant Off" column six.

FACILITY NAME: \_\_\_\_\_ NOTE: This survey is not complete unless all applicable parts of sections I - XIV are also completed.

STRUCTURE CODE	STRUCTURE	CONTACT POINT	REFERENCE CELL PLACEMENT	ON VOLTAGE	INSTANT OFF VOLTAGE	100 mV DC Polarization		PASS/FAIL
						Structure Voltage	Vol. 100' Distance	
W11-C	PLUS FUEL LIFT	TANK BOTTOM	SOIL @ PLUS TANK STP MANWAY	-410 mV	-675 mV			PASS
W12-C	DIESEL TANK	DISPENSER 20	SOIL @ DIESEL TANK STP MANWAY	-610 mV	-650 mV	-675 mV	-650 mV	PASS
W13-C	DIESEL TANK	DISPENSER 20	SOIL @ DIESEL TANK STP MANWAY	-610 mV	-720 mV	-650 mV	-650 mV	FAIL
W14-C	PREMIUM TANKS	TANK BOTTOM	SOIL @ PREM. TANK STP MANWAY	-650 mV	NA	NA	NA	PASS
W15-C	PREMIUM TANK	TANK BOTTOM	SOIL @ PREM. TANK STP MANWAY	-650 mV	NA	NA	NA	PASS
W16-C	PREMIUM TANK	TANK BOTTOM	SOIL @ PREM. TANK STP MANWAY	-650 mV	NA	NA	NA	PASS
W17-C	PREMIUM TANK	TANK BOTTOM	SOIL @ PREM. TANK STP MANWAY	-650 mV	NA	NA	NA	PASS
	Reg Flex Conn Disp 1/2		Soil @ Disp 1/2	-310				Fail
	Plus Flex Conn Disp 1/2		Soil @ Disp 1/2	-434				Fail
	Prem Flex Conn Disp 1/2		Soil @ Disp 1/2	-502				Fail
	Reg Flex Conn Disp 3/4		Soil @ Disp 3/4	-345				Fail
	Plus Flex Conn Disp 3/4		Soil @ Disp 3/4	-340				Fail
	Prem Flex Conn Disp 3/4		Soil @ Disp 3/4	-319				Fail

COMMENTS: *noticed that no CP is installed on any of the Flex Conn.*

Use copies of this page as needed for additional reference cell readings.

- Designate structures to be tested on the site drawing each with reference electrode placement (e.g. W11-C, W13-C, W14-C, etc.)
- Describe the structure that is being tested (e.g. pipe work, storage piping, fire protection, etc.)
- Describe where the structure being tested is located by the test lead (e.g. pipe tank bottom, ground piping @ dispenser, etc.)
- Indicate the test location where the reference electrode is placed (e.g. soil @ remote site STP manway and @ dispenser, etc.)
- (Applies to IC tests) Record the structure-to-soil potential (voltage) observed with the current applied (e.g. -1575 mV.)
- (Applies to IC tests) Record the structure to soil potential (voltage) observed when the current is interrupted (e.g. 610 mV.)
- (Applies to IC and polarization test only) Record the voltage observed at the end of the test period (e.g. 675 mV.)
- (Applies to 100 mV polarization test only) Record the peak voltage when the instant off voltage (e.g. 640 mV - 675 mV - 600 mV)
- Indicate if the tested structure passes or fails one of the two acceptable criteria (IC instant off or 100 mV polarization), based on your interpretation of data.

PRODUCED BY THE WISCONSIN DEPARTMENT OF ENVIRONMENTAL QUALITY, USE PREVIOUS EDITIONS (1992, 1994, 1997, 2002, 2004, 2007, 2008) FILE NO. W-100-2008-001

Scanned Paperwork, Page #9

**NON-DESTRUCTIVE INVESTIGATION OF CATHODIC PROTECTION SYSTEMS**

This section may be utilized to conduct a survey of the cathodic protection system by obtaining structure-to-soil potential measurements.

**For impressed current (IC) systems:** the reference electrode must be placed (minimum of three locations) in the soil directly above the structure that is being tested and as far away from any active anode as practical to obtain a valid structure-to-soil potential (refer to the VADEQ cathodic protection evaluation guidance document for detailed discussion of electrode placement).

Both "on" and "instant off" potentials must be measured for each structure that is intended to be under cathodic protection.

The "instant off" potential must be  $-850$  mV DC or more negative or the  $100$  mV DC polarization criterion must be satisfied in order to pass.

**For galvanic (G) systems:** the reference electrode must be placed (minimum of three locations) with at least one local and at least one placed remotely 25-100 feet away from the structure.

Both the local and remote voltage must be  $-250$  mV DC or more negative. In order for the structure to pass.

Inconclusive is indicated when both the local and remote structure-to-soil potentials do not meet in the same direction (both must "pass" or both must "fail").

As a place to record the "galvanic CP system voltage", use the "On Voltage" fifth column below and, in cases with supplemental anodes use the "Instant Off" column too.

FACILITY NAME: \_\_\_\_\_ NOTE: This survey is not complete unless all applicable parts of sections I - XIV are also completed.

LOCAL SOIL	STRUCTURE	CONTACT POINT	REFERENCE CELL PLACEMENT	ON VOLTAGE	OFF VOLTAGE	100 mV POLARIZATION		PASS/FAIL
						POTENTIAL	VOLTAGE CHANGE	
HEAVY	PLUM STEEL TANK	TANK BOTTOM	SOIL @ PLUM TANK STP MAINWAY	-112 mV	-87 mV			PASS
HEAVY	DIESEL TANK	DISPENSER TAN	SOIL @ DIESEL TANK STP MAINWAY	-810 mV	-257 mV	-572 mV	102 mV	PASS
HEAVY	DIESEL TANK	DISPENSER TAN	SOIL @ DIESEL TANK STP MAINWAY	-810 mV	-720 mV	-600 mV	80 mV	FAIL
HEAVY	PREMIUM 5110	TANK BOTTOM	SOIL @ PREM TANK STP MAINWAY	-880 mV	NA	NA	NA	PASS
HEAVY	PREMIUM 5110	TANK BOTTOM	SOIL @ PREM TANK STP MAINWAY	-880 mV	NA	NA	NA	FAIL
HEAVY	PREMIUM 5110	TANK BOTTOM	SOIL @ PREM TANK STP MAINWAY	-1020 mV	-850 mV	NA	NA	PASS
	REG 511-P3	Tank Bottom	Soil @ Reg 511-P3	-703				Pass
	Reg 511-P3	Tank Bottom	Soil @ Reg 511-P3	-715				Pass
	Reg 511-P3	Tank Bottom	Soil @ Reg 511-P3	-894				Pass
	Plus 511-P3	Tank Bottom	Soil @ Plus 511-P3	-893				Pass
	Plus 511-P3	Tank Bottom	Soil @ Plus 511-P3	-892				Pass
	Plus 511-P3	Tank Bottom	Soil @ Plus 511-P3	-932				Pass
	Reg 511-P3	Tank Bottom	Soil @ Reg 511-P3	-964				Pass
	Reg 511-P3	Tank Bottom	Soil @ Reg 511-P3	-920				Pass
	Reg 511-P3	Tank Bottom	Soil @ Reg 511-P3	-900				Pass
	Reg 511-P3	Plus cover	Soil @ Plus 511-P3	-565				Fail
	Reg 511-P3	Plus cover	Soil @ Plus 511-P3	-462				Fail
	Reg 511-P3	Plus cover	Soil @ Plus 511-P3	-610				Fail

COMMENTS:

Use copies of this page as needed for additional reference cell readings.

- Designate numerically by the code in the site drawing each local reference electrode placement (e.g. R1A, R2, R3C, etc.)
- Describe the structure that is being tested (e.g. gas tank, storm piping, gas compressor, etc.)
- Describe where the structure being tested is connected by the test lead to a plus (or better, instant polarity) or dispenser tank, etc.)
- Describe the exact location where the reference electrode is placed (e.g. soil above tank, etc.)
- (Applicable to IC tests) Record the structure-to-soil potential (voltage) observed with the current applied (e.g.  $-1120$  mV).
- (Applicable to all tests) Record the structure-to-soil potential (voltage) observed when the current is interrupted (e.g.  $-870$  mV).
- (Applicable to 100 mV polarization test only) Record the voltage observed at the end of the test period (e.g.  $-572$  mV).
- (Applicable to 100 mV polarization test only) Record the final voltage from the instant off voltage (e.g.  $102$  mV or  $80$  mV).
- Indicate if the tested structure passed or failed one of the test acceptance criteria (did instant off or 100 mV polarization) based on your interpretation of code.

FORM 345-BY THE MISSOURI DEPARTMENT OF ENVIRONMENTAL QUALITY - JUNE 2000-2001



Fwd: Crompco Test Results: Work Order #223113

t  
Ezgi Kiriscioglu o Andrew Ma  
:

05/11/2010 12:17 PM

---

----- Forwarded message -----

From: **Jennifer Foster** <jennifer.foster@crompco.com>

Date: Tue, May 11, 2010 at 12:03 PM

Subject: Crompco Test Results: Work Order #223113

To: ezgi.njpo@gmail.com, "ezgi.njpo@gmail.com" <ezgi.njpo@gmail.com>

Please see attachment.

--

Ezgi Kiriscioglu

P: 201-866-9000



F: 201-866-9006 Crompco\_Results\_SUSP8517\_WO223113.html





**IMPORTANT LEGAL DOCUMENTS**

November 24th, 2009

Rt.58 Food Mart #USP8917  
8917 S.Quay Rd.  
Suffolk, VA 23437

Re:  
2009 Compliance Test Results  
Crompco Work Order #223113  
Test Performed on Tue Nov 3rd, 2009

Dear Manager (Facility #USP8917):

Enclosed are the 2009 Compliance Test Results for testing performed by Crompco. These test results are **important legal documents** that are required to be retained at your facility in the "Environmental Compliance Binder" in case an inspection would occur by a state or local agency. Upon receipt, please put the results in the binder as requested.

The 2009 compliance tests performed at your facility are indicated below. For specific testing detail, please refer to the enclosed test report.

<input type="checkbox"/>	Tank(s)
<input checked="" type="checkbox"/>	Line(s) and/or Leak Detector(s)
<input checked="" type="checkbox"/>	Cathodic Protection
<input type="checkbox"/>	Monitor Inspection
<input type="checkbox"/>	Vapor Recovery
<input type="checkbox"/>	Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Crompco at 1-800-646-3161.

Sincerely,

Francyne Klein  
Compliance Administrator



**CERTIFICATE OF UNDER GROUND STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
 1815 Gallagher Road  
 Plymouth Meeting, PA 19462

**Phone:** (610) 278-7203  
**Fax:** (610) 278-7621

<b>Work Order #223113</b>	<b>Client Information</b>	<b>Location #USP8917</b>
<b>Date:</b> Tue Nov 3rd, 2009 <b>Reason:</b> Compliance	CASH ON DELIVERY - Testing Services Agreement <b>Invoice #</b> 248138 <b>Permit#</b> <b>P.O.#</b>	Rt.58 Food Mart 8917 S.Quay Rd. Suffolk, VA 23437 <b>County:</b> Stafford

Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.

**Lines**

Equip #	Grade	Test	Result
1 (1-4)	Plus	Petro-tite Line	Pass
2 (1-4)	Regular	Petro-tite Line	Pass
3 (1-4)	Premium	Petro-tite Line	Pass

**Leak Detectors**

Equip #	Grade	Test	Result
3	Premium	Leak Detector	Pass
2	Regular	Leak Detector	Pass
1	Plus	Leak Detector	Pass

**Cathodic Protection: Connectors/Siphon Bar**

Equip #	Location	Test	Result
3	Dispenser - Premium	CP: Connectors	Fail
2	Dispenser - Regular	CP: Connectors	Fail
1	Dispenser - Plus	CP: Connectors	Fail
3	Dispenser - Premium	CP: Connectors	Fail
2	Dispenser - Regular	CP: Connectors	Fail
1	Dispenser - Plus	CP: Connectors	Fail
3	STP - Premium	CP: Connectors	Fail
2	STP - Regular	CP: Connectors	Fail
1	STP - Plus	CP: Connectors	Fail

**Ray Bailey**  
 VMI LDT-890 #2481 and Install/Replace #2480  
 Cathodic Protection Testing Training: CorPreTek  
 Petro-Tite Line Testing #PAC0117112111R (Exp: 11/21/2011)

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

**Petro Tite Line Test**

Line Number:	1						
Grade:	Plus	Net Volume Change:	0.00000 gph				
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	100 ft.	(PL X Ba) + (FC X Bb) + B = N					
Diameter:	2 in.	(100 x 0.00000) + (3 x 0.006) + 0.05 = 0.068 gals					
Testing Line Length:	100						
Dispenser Range	1-4						
Wall:	Single	Allowable (gal):	0.06800				
Pump Manufac:	Red Jacket	Measured (gal):	0.04600				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
0914	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0	
0915	Started line test	0.0	50.0	0.0000	0.0310	N/A	
0930	Line Test Continued	50.0	50.0	0.0310	0.0310	0	
0945	Line Test Continued	50.0	50.0	0.0310	0.0310	0	
	Bleed Back	50.0	0.0	0.0310	0.0770	0.046	

**Petro Tite Line Test**

Line Number:	2						
Grade:	Regular	Net Volume Change:	0.00000 gph				
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	100 ft.	(PL X Ba) + (FC X Bb) + B = N					
Diameter:	2 in.	(100 x 0.00000) + (3 x 0.006) + 0.05 = 0.068 gals					
Testing Line Length:	100						
Dispenser Range	1-4						
Wall:	Single	Allowable (gal):	0.06800				
Pump Manufac:	Red Jacket	Measured (gal):	0.04500				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
0914	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0	
0915	Started line test	0.0	50.0	0.0000	0.0240	N/A	
0930	Line Test Continued	50.0	50.0	0.0240	0.0240	0	
0945	Line Test Continued	50.0	50.0	0.0240	0.0240	0	
	Bleed Back	50.0	0.0	0.0240	0.0690	0.045	

EPA 350

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart** 8917 S.Quay Rd.  
**Phone:** (610) 278-7203 Suffolk, VA 23437  
**FAX:** 610-278-7621

**Facility/Agency Copy**  
 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

**Petro Tite Line Test**

Line Number:	3		
Grade:	Premium	Net Volume Change:	0.00000 gph
Material:	Fiberglass	<b>Bleedback</b>	
Total Line Length:	100 ft.	$(PL \times Ba) + (FC \times Bb) + B = N$	
Diameter:	2 in.	$(100 \times 0.00000) + (3 \times 0.006) + 0.05 = 0.068 \text{ gals}$	
Testing Line Length:	100		
Dispenser Range	1-4		
Wall:	Single	Allowable (gal):	0.06800
Pump Manufac:	Red Jacket	Measured (gal):	0.04500
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
0914	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0	
0915	Started line test	0.0	50.0	0.0000	0.0250	N/A	
0930	Line Test Continued	50.0	50.0	0.0250	0.0250	0	
0945	Line Test Continued	50.0	50.0	0.0250	0.0250	0	
	Bleed Back	50.0	0.0	0.0250	0.0700	0.045	

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8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

**Line Leak Detector Test**

**Line Leak Detector Test**

Leak Detector Number:	3	Leak Detector Number:	2
Grade:	Premium	Grade:	Regular
Dispenser Range:	1-4	Dispenser Range:	1-4
Make:	Red Jacket	Make:	Red Jacket
Model:	FX1V	Model:	FX1V
Serial #	31107 3808	Serial #	10707 3769
<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic		<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic	
Test Conducted at Dispenser #:	1/2	Test Conducted at Dispenser #:	1/2
Submersible Pump Operating Pressure (psi):	30	Submersible Pump Operating Pressure (psi):	30
Check Valve Holding Pressure (psi):	22	Check Valve Holding Pressure (psi):	22
Bleedback Check (gal):	.017	Bleedback Check (gal):	.016
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	5	Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	3
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive		Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.		Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

**Line Leak Detector Test**

Leak Detector Number:	1
Grade:	Plus
Dispenser Range:	1-4
Make:	FE-Petro
Model:	STP-MLD
Serial #	01081413
<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic	
Test Conducted at Dispenser #:	1/2
Submersible Pump	30

EPA 352

Operating Pressure (psi):	
Check Valve Holding Pressure (psi):	24
Bleedback Check (gal):	.013
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	4
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

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**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

Cathodic Protection: Connectors	
<b>Equipment #</b> 3	<b>Equipment #</b> 2
<b>Grade:</b> Premium	<b>Grade:</b> Regular
<b>Material:</b> Steel	<b>Material:</b> Steel
<b>Type:</b> Swing Joint	<b>Type:</b> Flex Connector
<b>Location:</b> Dispenser	<b>Location:</b> Dispenser
<b>Cathode Type:</b> No CP Installed	<b>Cathode Type:</b> No CP Installed
<b>Installation:</b> None	<b>Installation:</b> None
<b>Location 1</b>	
<b>Half Cell Location:</b> Dispenser	<b>Half Cell Location:</b> Dispenser
<b>Half Cell Location Equipment Number (optional):</b>	<b>Half Cell Location Equipment Number (optional):</b>
<b>Energized On:</b> -479 mv	<b>Energized On:</b> -499 mv
<b>Instant Off:</b> mv	<b>Instant Off:</b> mv
<b>Native (local):</b> mv	<b>Native (local):</b> mv
<b>Native (remote):</b> mv	<b>Native (remote):</b> mv
<b>Location 2</b>	
<b>Half Cell Location:</b>	<b>Half Cell Location:</b>
<b>Half Cell Location Equipment Number (optional):</b>	<b>Half Cell Location Equipment Number (optional):</b>
<b>Energized On:</b> mv	<b>Energized On:</b> mv
<b>Instant Off:</b> mv	<b>Instant Off:</b> mv
<b>Native (local):</b> mv	<b>Native (local):</b> mv
<b>Native (remote):</b> mv	<b>Native (remote):</b> mv
<b>Lead Wires Present:</b> <input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b> <input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b> <input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b> <input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b> <input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b> <input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b> F	<b>Result:</b> F

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8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

Cathodic Protection: Connectors			
<b>Equipment #</b>	1	<b>Equipment #</b>	3
<b>Grade:</b>	Plus	<b>Grade:</b>	Premium
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-487 mv	<b>Energized On:</b>	-494 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

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8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

<b>Cathodic Protection: Connectors</b>			
<b>Equipment #</b>	2	<b>Equipment #</b>	1
<b>Grade:</b>	Regular	<b>Grade:</b>	Plus
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-471 mv	<b>Energized On:</b>	-491 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

**Crompco, LLC**  
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8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

Cathodic Protection: Connectors			
<b>Equipment #</b> 3		<b>Equipment #</b> 2	
<b>Grade:</b>	Premium	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	STP	<b>Location:</b>	STP
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-501 mv	<b>Energized On:</b>	-499 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>F</b>	<b>Result:</b>	<b>F</b>

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8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

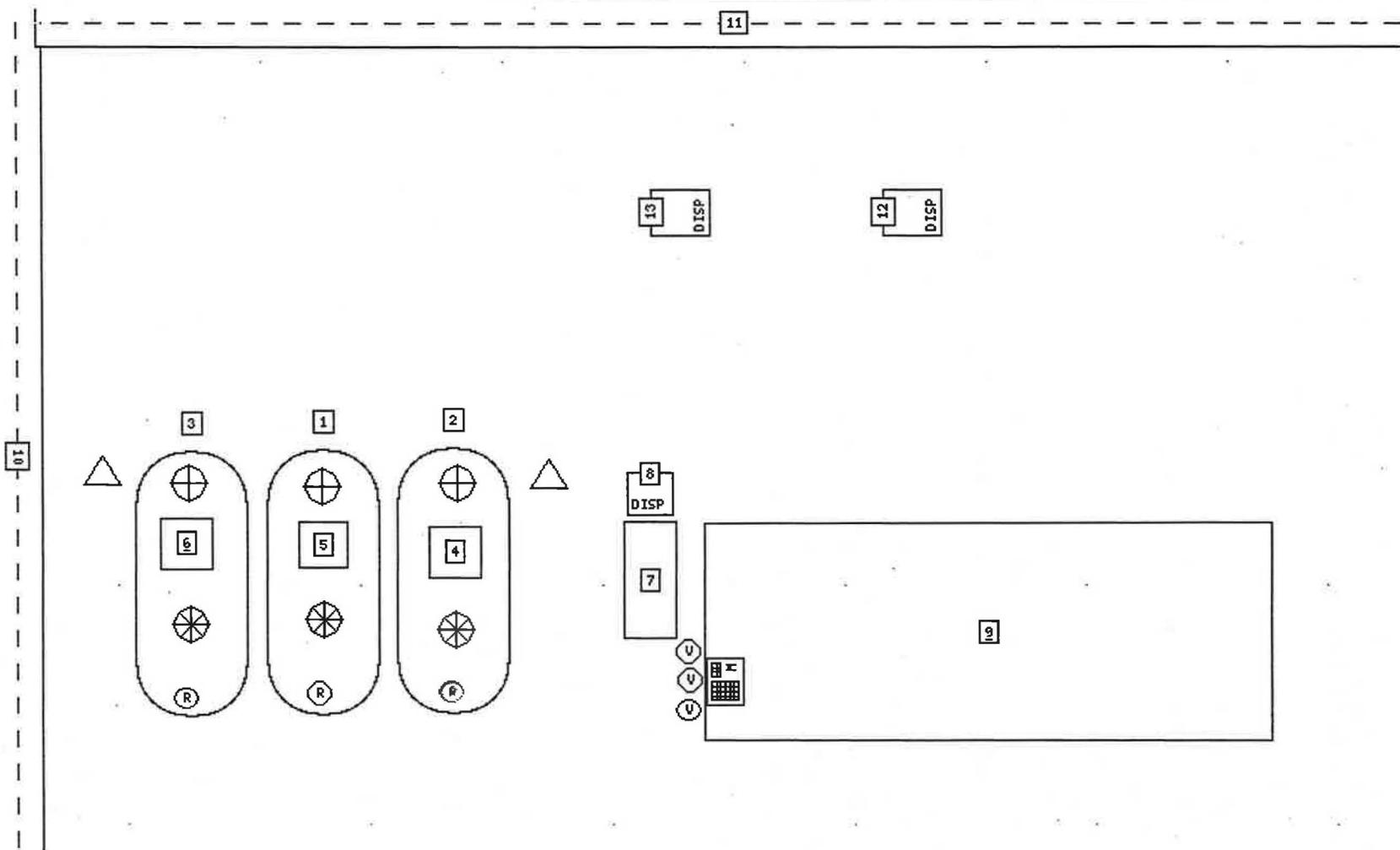
<b>Cathodic Protection: Connectors</b>	
<b>Equipment #</b>	1
<b>Grade:</b>	Plus
<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector
<b>Location:</b>	STP
<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None
<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-487 mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Location 2</b>	
<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F



**CROMPCO**

Date: 2009-11-03  
 Work Order #: 223113  
 Location #: USP8917

Remote Fill	ATG	Road	Fixed Reference Cell	Circuit Breaker	Vent	Overfill Alarm
Dry Brake	Emergency Stop	Block	Stage 1 w/ Extractor	Interstitial	Containment Sump	Dispenser
Riser	Fill	CP Test Station	Flapper Direction	Temp Well Installed	Monitor	Rectifier
Anode	STP	CP Junction Box	Tank	Compass	Well	Drop Tank
Extractor				Manway	DW Fill	Remote Dry Brake



EPA 359

**Crompco, LLC**  
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**Plymouth Meeting, PA 19462**

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**Phone:** (610) 278-7203 Suffolk, VA 23437  
**FAX:** 610-278-7621

**Facility/Agency Copy**  
Site #USP8917 / WO #223113  
Tue Nov 3rd, 2009

**Site Diagram Labels**

- 1: Tank - regular 8k
- 2: Tank - premium 8k
- 3: Tank - plus 8k
- 4: Block - stp
- 5: Block - stp
- 6: Block - stp
- 7: Block - aboveground kerosene
- 8: Dispenser - kero
- 9: Block - rt 58 food mart pure oil
- 10: Road - holy neck road
- 11: Road - south quay road (rt 58)
- 12: Dispenser - mpd 1-2
- 13: Dispenser - mpd 3-4

**EPA 360**

**Attachment 7**

**May 13, 2010 Post Inspection Information:  
Documentation of Financial Assurance coverage for:  
10/25/06 to 10/25/07 & 10/25/07 to 10/20/08.**

**&**

**Notice of Cancellation Effective 2/5/08**





Fwd: Rt. 58 - Underground Storage Tank

t  
Ezgi Kiriscioglu o Andrew Ma

05/13/2010 02:58 PM

---

----- Forwarded message -----

From: **Shelly Hesbol** <[shesbol.lacke02@insuremail.net](mailto:shesbol.lacke02@insuremail.net)>

Date: Thu, May 13, 2010 at 1:58 PM

Subject: Rt. 58 - Underground Storage Tank

To: [ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)

Good Afternoon Ezgi,

Attached are copies of the dec pages for the above location's underground storage tank liability policies. Please let me know if anything else is needed.

Thank you,

Shelly

Shelly A. Hesbol, ACSR, AIS

Assistant Manager /

Senior Commercial Accounts Agent

Lackey Saunders Co., Inc.

20 S. King St.

Hampton, VA 23669

(OFFICE): 757-722-1961 Ext 225

(FAX): 757-723-7830

(TOLL FREE): 877-722-1961

(EMAIL): [shesbol.LACKE02@insuremail.net](mailto:shesbol.LACKE02@insuremail.net)

(WEBSITE): [www.lackeyasaunders.com](http://www.lackeyasaunders.com)

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--

Ezgi Kiriscioglu  
P: 201-866-9000



F: 201-866-9006 RT 58 Oct 07-Feb 08.pdf RT 58 Oct 06-07.pdf

COMMON POLICY DECLARATIONS

COLONY SPECIALTY INSURANCE COMPANY  
8720 STONY POINT PARKWAY  
SUITE 300  
RICHMOND, VA 23235

RECEIVED

NOV 20 2006

LACKEY SAUNDERS

POLICY NUMBER  
PP209139

RENEWAL OF:  
PP209139

1. NAMED INSURED AND MAILING ADDRESS:

RT. 58 FOOD MART, INC.  
2264 RT. 112  
MEDFORD, NY 11763

PRODUCER: 45001

ALL RISKS LTD (VA)  
9030 STONY PT. PKWY., #230  
RICHMOND, VA 23235

2. POLICY PERIOD: From 10/25/2006 to 10/25/2007 12:01 A.M. Standard Time at your Mailing Address above.

IN RETURN FOR THE PAYMENT OF THE PREMIUM, AND SUBJECT TO ALL OF THE TERMS OF THIS POLICY, WE AGREE WITH YOU TO PROVIDE THE INSURANCE AS STATED IN THIS POLICY.

3. THIS POLICY CONSISTS OF THE FOLLOWING COVERAGE PARTS FOR WHICH A PREMIUM IS INDICATED. THIS PREMIUM MAY BE SUBJECT TO ADJUSTMENT.

DSF 11/22/06 12/20/06

COVERAGE PARTS

PREMIUM

STORAGE TANK POLLUTION LIABILITY COVERAGE PART

NO FLAT CANCELLATIONS PERMITTED  
25% FULLY EARNED PREMIUM AT INCEPTION

\$3,906.00  
TAX: \$91.26  
FEE: \$150.00  
AFVA: \$1.22

Premium charge for coverage of certified acts of terrorism  
(Per Policyholder Disclosure TRIA2002Notice-1202 attached.)

or

Coverage for certified acts of terrorism has been rejected; exclusion attached.  
(Per Policyholder Disclosure TRIA2002Notice-1202 attached.)

ISSUED 10/26/2006 EH

12/20/06  
DSF

Premium shown is payable:  
\$3,906.00 at inception.

Total Policy  
Premium: \$4,148.48

4. FORMS APPLICABLE TO ALL COVERAGES:

See Form U001 - Schedule of Forms and Endorsements

5. BUSINESS DESCRIPTION: CONVENIENCE STORE

Countersigned: \_\_\_\_\_  
Date

By: \_\_\_\_\_  
Authorized representative

**STORAGE TANK POLLUTION LIABILITY COVERAGE PART**

This coverage part consists of this Declarations form, the Storage Tank Pollution Corrective Action Costs And Liability Coverage Form and the endorsements indicated as applicable. (See COMMON POLICY DECLARATIONS for items 1 and 2.)

**POLICY NO.** PP209139

**NAMED INSURED:** RT. 58 FOOD MART, INC.

**3. LIMITS OF INSURANCE**

Each Claim: \$1,000,000.00  
 Aggregate Policy Limit: \$2,000,000.00  
 Deductible (Each Claim): \$2,500.00

**RETROACTIVE DATE**

Retroactive Date: 10/25/2005 12:01 A.M. standard time at your mailing address shown in Item 1 of the Common Policy Declarations (Enter Date or "None" if no Retroactive Date Applies)

CLASSIFICATION	CODE NO.	PREMIUM BASIS	RATE	ADVANCE PREMIUM	
				PR / CO	ALL OTHER
GASOLINE STATIONS - SELF-SERVE	350-13454	Number of Tanks 4	INCL.		\$3,906.00

<b>4. FORMS / ENDORSEMENTS APPLICABLE:</b> See Schedule of Forms - U001 (11/98)	<b>TOTAL PREMIUM FOR THIS COVERAGE PART</b>	\$3,906.00
--	---	------------

**5. FORM OF BUSINESS:** CORPORATION  
 Audit Period: Annual unless otherwise stated: FLAT

Insured: RT. 58 FOOD MART, INC.

Policy Number: PP209139

## SCHEDULE OF FORMS AND ENDORSEMENTS

Forms and Endorsements applying to and made part of this policy at the time of issuance:

NUMBER	TITLE
FORMS APPLICABLE -	COMMON POLICY DECLARATIONS
EU163B-0904	CERTIFIED ACTS OF TERRORISM AND OTHER ACTS OF TERRORISM EXCLUSION
U002-0904	MINIMUM POLICY PREMIUM
U094-0702	SERVICE OF SUIT
FORMS APPLICABLE -	STORAGE TANK POLLUTION LIABILITY COVERAGE PART
DCJ6553PP-1200	STORAGE TANK POLLUTION LIABILITY COVERAGE PART
E012-1200	BUSINESS INTERRUPTION COVERAGE
E037-1200	STORAGE TANK REPAIR OR REPLACEMENT COST COVERAGE
E038-1200	SCHEDULE OF FACILITIES ENDORSEMENT-STORAGE TANK POLLUTION LIABILITY COVERAGE
E074CERTVA-0106	CERTIFICATE OF INSURANCE - VIRGINIA
E075VA-0601	AMENDATORY ENDORSEMENT - VIRGINIA CANCELLATION AND NON-RENEWAL
E091-0904	WAR EXCLUSION
IL0021EPP-0700	NUCLEAR ENERGY LIABILITY EXCLUSION ENDORSEMENT
PP-0701	STORAGE TANK POLLUTION LIABILITY POLICY



COMMON POLICY DECLARATIONS

COLONY SPECIALTY INSURANCE COMPANY  
8720 STONY POINT PARKWAY  
SUITE 300  
RICHMOND, VA 23235

RECEIVED

NOV 29 2007

POLICY NUMBER  
PP209139

RENEWAL OF:  
PP209139

LACKEY SAUNDERS

1. NAMED INSURED AND MAILING ADDRESS:

RT. 58 FOOD MART, INC.  
100 PLAZA DRIVE, SUITE 100  
SECAUCUS, NJ 07094

PRODUCER: 45001

ALL RISKS LTD (VA)  
9030 STONY PT. PKWY., #230  
RICHMOND, VA 23235

2. POLICY PERIOD: From 10/25/2007 to 10/25/2008 12:01 A.M. Standard Time at your Mailing Address above.

IN RETURN FOR THE PAYMENT OF THE PREMIUM, AND SUBJECT TO ALL OF THE TERMS OF THIS POLICY, WE AGREE WITH YOU TO PROVIDE THE INSURANCE AS STATED IN THIS POLICY.

3. THIS POLICY CONSISTS OF THE FOLLOWING COVERAGE PARTS FOR WHICH A PREMIUM IS INDICATED. THIS PREMIUM MAY BE SUBJECT TO ADJUSTMENT.

COVERAGE PARTS	PREMIUM
STORAGE TANK POLLUTION LIABILITY COVERAGE PART	\$4,037.00
Policy Fee <u>150.00</u> Inspection Fee _____ Other Fee <u>1.26</u> Surplus Lines Tax <u>94.21</u>	
Premium charge for coverage of certified acts of terrorism (Per Policyholder Disclosure TRIA2002Notice-0707 attached.) <b>or</b> Coverage for certified acts of terrorism has been rejected; exclusion attached. (Per Policyholder Disclosure TRIA2002Notice-0707 attached.)	<input checked="" type="checkbox"/>
11/25/08 <i>off</i> ISSUED 11/07/2007 KE	11-28-07 SAH
Premium shown is payable: \$4,037.00 at inception.	Total Policy Premium: \$4,037.00

4. FORMS APPLICABLE TO ALL COVERAGES:

See Form U001 – Schedule of Forms and Endorsements

5. BUSINESS DESCRIPTION: CONVENIENCE STORE

Countersigned: 11/27/07  
Date

By: [Signature]  
Authorized representative

## STORAGE TANK POLLUTION LIABILITY COVERAGE PART

This coverage part consists of this Declarations form, the Storage Tank Pollution Corrective Action Costs And Liability Coverage Form and the endorsements indicated as applicable. (See COMMON POLICY DECLARATIONS for items 1 and 2.)

**POLICY NO.** PP209139

**NAMED INSURED:** RT. 58 FOOD MART, INC.

### 3. LIMITS OF INSURANCE

Each Claim: \$1,000,000.00  
 Aggregate Policy Limit: \$2,000,000.00  
 Deductible (Each Claim): \$2,500.00

### RETROACTIVE DATE

Retroactive Date: 10/25/2005 12:01 A.M. standard time at your mailing address shown in Item 1 of the Common Policy Declarations  
 (Enter Date or "None" if no Retroactive Date Applies)

CLASSIFICATION	CODE NO.	PREMIUM BASIS	RATE	ADVANCE PREMIUM	
				PR / CO	ALL OTHER
GASOLINE STATIONS - SELF-SERVE	350-13454	Number of Tanks 4	INCL.		\$4,037.00

**4. FORMS / ENDORSEMENTS APPLICABLE:**  
 See Schedule of Forms - U001 (11/98)

**TOTAL PREMIUM  
 FOR THIS  
 COVERAGE PART**

\$4,037.00

**5. FORM OF BUSINESS:** CORPORATION

Audit Period: Annual unless otherwise stated: FLAT

Insured: RT. 58 FOOD MART, INC.  
 Policy Number: PP209139

## SCHEDULE OF FORMS AND ENDORSEMENTS

Forms and Endorsements applying to and made part of this policy at the time of issuance:

NUMBER	TITLE
FORMS APPLICABLE -	COMMON POLICY DECLARATIONS
E075VA-0601	AMENDATORY ENDORSEMENT - VIRGINIA CANCELLATION AND NON-RENEWAL
EU163B-0904	CERTIFIED ACTS OF TERRORISM AND OTHER ACTS OF TERRORISM EXCLUSION
U002-0904	MINIMUM POLICY PREMIUM
U094-0702	SERVICE OF SUIT
ZPJCG-0605	POLICY JACKET
FORMS APPLICABLE -	STORAGE TANK POLLUTION LIABILITY COVERAGE PART
DCJ6553PP-1200	STORAGE TANK POLLUTION LIABILITY COVERAGE PART
E012-1200	BUSINESS INTERRUPTION COVERAGE
E037-1200	STORAGE TANK REPAIR OR REPLACEMENT COST COVERAGE
E038-1200	SCHEDULE OF FACILITIES ENDORSEMENT-STORAGE TANK POLLUTION LIABILITY COVERAGE
E074CERTVA-1006	CERTIFICATE OF INSURANCE - VA
E091-0904	WAR EXCLUSION
IL0021EPP-0700	NUCLEAR ENERGY LIABILITY EXCLUSION ENDORSEMENT
PP-0701	STORAGE TANK POLLUTION LIABILITY POLICY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

## SCHEDULE OF FACILITIES ENDORSEMENT STORAGE TANK POLLUTION LIABILITY COVERAGE

It is agreed that coverage is provided for the "Storage Tank Systems" at the "Scheduled Facility(ies)" listed below:

SCHEDULED FACILITY(IES)  
SYSTEM(S)

NUMBER OF STORAGE TANK

8917 S. QUAY ROAD  
SUFFOLK, VA 23437

3 UNDERGROUND  
1 ABOVE GROUND

ALL OTHER TERMS AND CONDITIONS OF THE POLICY REMAIN UNCHANGED.

EPA 370



COLONY SPECIALTY INSURANCE COMPANY  
8720 STONY POINT PARKWAY  
SUITE 300  
RICHMOND VA 23235  
**NOTICE OF CANCELLATION OF INSURANCE**

TP  
2/5/08

Named Insured & Mailing Address:

RT. 58 FOOD MART, INC.  
100 PLAZA DRIVE, SUITE 100  
SECAUCUS NJ 07094

Producer: 450D1

ALL RISKS LTD (VA)  
9030 STONY PT. PKWY., #230  
RICHMOND VA 23235

Policy No.: PP209139  
Type of Policy: ENVIRONMENTAL LIABILITY-CLAIMS MADE  
Date of Cancellation: 02/05/2008; 12:01 A.M. Local Time at the mailing address of the Named Insured.

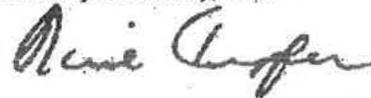
We are cancelling this policy. Your insurance will cease on the Date of Cancellation shown above.

The reason for cancellation is NON-PAYMENT OF PREMIUM

Producer:

ALL RISKS LTD (VA)  
9030 STONY PT. PKWY., #230  
RICHMOND VA 23235

Date Mailed:  
23rd day of January, 2008



GAIL KIMPFLE; AUTHORIZED REPRESENTATIVE



Re: Crompco Test Results: Work Order #198998

ezgi.njpo o Andrew Ma

05/12/2010 05:53 PM

I'm still working on it. I will forward everything to you as soon as possible.

Sent from my iPhone

On May 12, 2010, at 5:27 PM, [Ma.Andrew@epamail.epa.gov](mailto:Ma.Andrew@epamail.epa.gov) wrote:

Good Afternoon Ezgi:

Thank you for sending me the information. I called and left a message with your office today.

I still had a few follow-up questions regarding gaps of information for each Facility and its underground storage tanks.

I have not received the SIR records for the past 3 years for each Facility or documentation of Financial Assurance.

Please give me a call when you get this e-mail or when you receive the message that I left with your work.

Thanks,

Andrew

Andrew Ma  
US EPA Region III - Office of Land Enforcement  
Mail Code 3LC70  
1650 Arch Street  
Philadelphia, PA 19103-2029  
Phone: 215.814.3429  
Fax: 215-814-3163  
[ma.andrew@epa.gov](mailto:ma.andrew@epa.gov)

From: Ezgi Kiriscioglu <[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)>  
To: Andrew Ma/R3/USEPA/US@EPA  
Date: 05/11/2010 12:19 PM  
Subject: Fwd: Crompco Test Results: Work Order #198998

**CX 22**

**EPA 373**



Pure - Reconciliation Reports

t  
Ezgi Kiriscioglu o Andrew Ma

05/19/2010 09:43 PM

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History: This message has been replied to.

Hi

I just wanted to let you know I'm still working on getting the ten day reports. They're in storage.  
Sorry it's taking so long.

--

Ezgi Kiriscioglu  
P: 201-866-9000  
F: 201-866-9006

Re: Fw: Crompco Test Results: Work Order #198998

Ezgi Kiriscioglu o Andrew Ma

07/16/2010 11:55 AM

Unfortunately, I was unable to locate a couple of months, however, I'm still looking for the missing months and will notify you as soon as I find them. And I believe I already forwarded you the Financial Assurance in a previous e-mail.

On Wed, Jul 14, 2010 at 10:20 AM, <[Ma.Andrew@epamail.epa.gov](mailto:Ma.Andrew@epamail.epa.gov)> wrote:

Good Morning Ezgi:

I have not heard from you for a couple of months now regarding the information that I requested for the tanks at the NJPO facilities.

I am still waiting on the SIR release detection records and the Financial Assurance records that I requested back in May.

Please send this information as soon as possible. I will send you a formal information request if I do not hear back from you with the requested information.

Thanks,

Andrew

Andrew Ma  
US EPA Region III - Office of Land Enforcement  
Mail Code 3LC70  
1650 Arch Street  
Philadelphia, PA 19103-2029  
Phone: 215.814.3429  
Fax: 215-814-3163  
[ma.andrew@epa.gov](mailto:ma.andrew@epa.gov)

----- Forwarded by Andrew Ma/R3/USEPA/US on 07/14/2010 09:59 AM -----

From: Andrew Ma/R3/USEPA/US  
To: Ezgi Kiriscioglu <[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)>  
Date: 05/12/2010 05:27 PM  
Subject: Re: Fwd: Crompco Test Results: Work Order #198998

Good Afternoon Ezgi:

Thank you for sending me the information. I called and left a message with your office today.

I still had a few follow-up questions regarding gaps of information for each Facility and its underground

storage tanks.

I have not received the SIR records for the past 3 years for each Facility or documentation of Financial Assurance.

Please give me a call when you get this e-mail or when you receive the message that I left with your work.

Thanks,

Andrew

Andrew Ma  
US EPA Region III - Office of Land Enforcement  
Mail Code 3LC70  
1650 Arch Street  
Philadelphia, PA 19103-2029  
Phone: 215.814.3429  
Fax: 215-814-3163  
[ma.andrew@epa.gov](mailto:ma.andrew@epa.gov)

From: Ezgi Kiriscioglu <[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)>  
To: Andrew Ma/R3/USEPA/US@EPA  
Date: 05/11/2010 12:19 PM  
Subject: Fwd: Crompco Test Results: Work Order #198998

----- Forwarded message -----

From: **Jennifer Foster** <[jennifer.foster@crompco.com](mailto:jennifer.foster@crompco.com)>  
Date: Tue, May 11, 2010 at 11:48 AM  
Subject: Crompco Test Results: Work Order #198998  
To: [ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com), "[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)" <[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)>

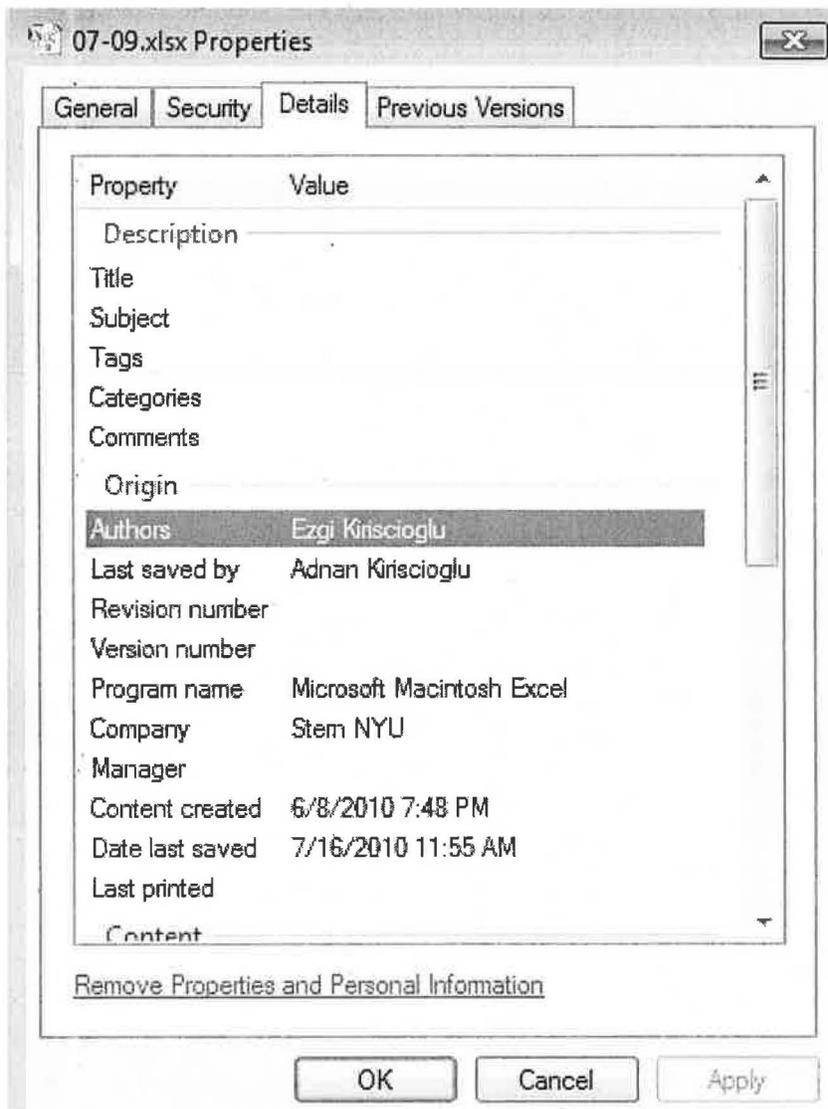
Please see attachment.

Ezgi Kiriscioglu  
P: 201-866-9000

F: 201-866-9006[attachment "Crompco\_Results\_SUSP8917\_WO198998.html" deleted by Andrew Ma/R3/USEPA/US]

Ezgi Kiriscioglu  
P: 201-866-9000

F: 201-866-9006  07-09-2004



[2008]

Name Of Station RT 58 Product  
 Month Apr REGULAR

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	thu		5644		0	793	4851	4837	-14	-14	0
2	fri		4837		0	860	3977	3976	-1	-15	0
3	sat		3976		0	917	3059	3060	1	-14	0
4	sun		3060		0	1365	1695	1718	23	9	0
5	mon		1718	6017		1062	6673	6696	23	32	0
6	tue		6696		0	1156	5540	5484	-56	-24	0
7	wed		5484	2006		1243	6247	6284	37	13	0
8	thu		6284		0	763	5521	5502	-19	-6	0
9	fri		5502		0	821	4681	4671	-10	-16	0
10	sat		4671		0	982	3689	3685	-4	-20	0
				10 Day Throughput		9962	10 Day Variation			-20	
		Tank Capacity:	8000	8023			10 Day Allowable			60	
11	sun		3685		0	1084	2601	2608	-4	-24	0
12	mon		2608	5022		1199	6431	6458	27	3	0
13	tue		6458		0	979	5479	5450	-29	-26	0
14	wed		5450		0	926	4524	4510	-14	-40	0
15	thu		4510		0	847	3663	3658	-5	-45	0
16	fri		3658		0	812	2846	2849	3	-42	0
17	sat		2849		0	809	2040	2051	11	-31	0
18	sun		2051		0	1054	997	1024	27	-4	0
19	mon		1024	6518		1010	6532	6526	-6	-10	0
20	tue		6526		0	623	5903	5905	2	-8	0
				10 Day Throughput		9343	10 Day Variation			12	
		Tank Capacity:	8000	11540			10 Day Allowable			60	
21	wed		5905		0	598	5307	5295	-12	-20	

22 thu	5295	0	767	4528	4518	-10	-30	0
23 fri	4518	0	830	3588	3685	-3	-33	0
24 sat	3685	0	1021	2664	2668	4	-29	0
25 sun	2668	3509	1413	4764	4768	4	-25	0
26 mon	4768	0	1264	3504	3497	-7	-32	0
27 tue	3497	0	971	2526	2535	9	-23	0
28 wed	2535	0	904	1631	1649	18	-5	0
29 thu	1649	0	1016	633	675	42	37	0
30 fri	675	6991	1073	6593	6584	-9	28	0

Tank Capacity	8000	10 Day Throughput	9857	10 Day Variation	36
					60
		<b>30063</b>			
		Monthly Throughput	29162	Actual Month Total Over/Short	28

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
431

Name Of Station      RT 58      Product  
Month                      April              RWS

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
------	-----	---------------------------	----------------------------	-------------------------	-------------------	---------------------	------------------------	----------------------------	------------------	-----------------------------	-------------------------

1	thu	971	0	141	830	839	9	9	0
2	fri	839	0	140	699	710	11	20	0
3	sat	710	0	181	529	532	3	23	0
4	sun	532	0	200	332	368	36	59	0
5	mon	368	0	137	231	252	21	80	0
6	tue	252	0	29	223	227	4	84	0
7	wed	227	1005	59	1173	1077	-96	-12	0
8	thu	1077	0	130	947	955	8	-4	0
9	fri	955	0	88	867	872	5	1	0
10	sat	872	0	193	679	694	15	16	0
			10 Day Throughput	1298		10 Day Variation		16	
	Tank Capacity	8000	1005			10 Day Allowable		60	
11	sun	694	0	133	561	574	13	29	0
12	mon	574	1003	130	1447	1390	-57	-28	0
13	tue	1390	0	105	1285	1289	4	-24	0
14	wed	1289	0	139	1150	1157	7	-17	0
15	thu	1157	0	119	1038	1044	6	-11	0
16	fri	1044	0	105	939	945	6	-5	0
17	sat	945	0	83	862	867	5	0	0
18	sun	867	0	172	695	708	13	13	0
19	mon	708	1004	107	1605	1558	-47	-34	0
20	tue	1558	0	127	1431	1434	3	-31	0
			10 Day Throughput	1220		10 Day Variation		-47	
	Tank Capacity	8000	2007			10 Day Allowable		60	
21	wed	1434	0	56	1378	1380	2	-29	0
22	thu	1380	0	85	1295	1299	4	-25	0
23	fri	1299	0	111	1188	1193	5	-20	0
24	sat	1193	0	136	1057	1065	8	-12	0
25	sun	1065	0	275	790	808	18	6	0
26	mon	808	0	200	608	625	17	23	0
27	tue	625	0	172	453	471	18	41	0
28	wed	471	0	163	308	329	21	62	0
29	thu	329	0	62	267	276	9	71	0
30	fri	276	1499	191	1584	1491	-93	-22	0

		10 Day Throughput	1451	0	10 Day Variation	9
Tank Capacity	8000	1499			10 Day Allowable	60
		4511				
	Monthly ThroughPut		3969		Actual Month Total	-22
					Over/Short	

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
210

Name Of Station      RT 58      Product  
Month                    APRIL      SUPER

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank	
	1 sat		1287		0		30	1257	1256	-1	-1	0
	2 sun		1256		0		79	1177	1177	0	-1	0
	3 mon		1177		0		63	1114	1112	-2	-3	0
	4 tue		1112		0		142	970	971	1	-2	0
	5 wed		971		0		60	911	911	0	-2	0

6 thu	911	0	94	817	817	0	-2	0
7 fri	817	1009	78	1748	1746	-2	-4	0
8 sat	1746	0	92	1654	1655	1	-3	0
9 sun	1655	0	48	1607	1607	0	-3	0
10 mon	1607	0	88	1519	1518	-1	-4	0
		10 Day Throughput	774		10 Day Variation		-4	
Tank Capacity	8000	1009			10 Day Allowable		60	
11 tue	1518	0	102	1416	1416	0	-4	0
12 wed	1416	0	76	1340	1340	0	-4	0
13 thu	1340	0	105	1235	1235	0	-4	0
14 fri	1235	0	106	1129	1128	-1	-5	0
15 sat	1128	0	93	1035	1035	0	-5	0
16 sun	1035	0	86	949	948	-1	-6	0
17 mon	948	0	56	892	892	0	-6	0
18 tue	892	0	64	828	829	1	-5	0
19 wed	829	1003	89	1743	1741	-2	-7	0
20 thu	1741	0	55	1686	1685	-1	-8	0
		10 Day Throughput	832		10 Day Variation		-4	
Tank Capacity	8000	1003			10 Day Allowable		60	
21 fri	1685	0	28	1657	1657	0	-8	0
22 sat	1657	0	13	1644	1644	0	-8	0
23 sun	1644	0	104	1540	1540	0	-8	0
24 mon	1540	0	81	1459	1460	1	-7	0
25 tue	1460	0	157	1303	1302	-1	-8	0
26 wed	1302	0	79	1223	1223	0	-8	0
27 thu	1223	0	65	1158	1158	0	-8	0
28 fri	1158	0	86	1072	1072	0	-8	0
29 sat	1072	0	91	981	981	0	-8	0
30 sun	981	0	123	858	858	0	-8	0
		10 Day Throughput	827		10 Day Variation		-8	
Tank Capacity	8000	0			10 Day Allowable		60	

2012

Monthly ThroughPut

2433

Actual Month  
Total  
Over/Short

-8

The total allowable Over/Short for one (1) month =  $.01 * \text{Monthly Throughput} = 24.33$  gallons  
**210**

[2008]

Name Of Station      RT 58      Product  
 Month                    May                    REGULAR

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	thu		6584		0	1294	5290	5261	-29	-29	0
2	fri		5261		0	1305	3956	3948	-8	-37	0
3	sat		3948		0	1442	2506	2517	11	-26	0
4	sun		2517		0	1265	1252	1283	31	5	0
5	mon		1283	6445		904	6824	6904	80	85	0
6	tue		6904		0	1114	5790	5743	-47	38	0
7	wed		5743		0	1240	4503	4488	-15	23	0
8	thu		4488		0	1195	3293	3288	-5	18	0
9	fri		3288		0	1407	1876	1900	24	37	0
10	sat		1900	2685		1030	3555	3559	4	41	0
				10 Day Throughput		12196		10 Day Variation		41	
		Tank Capacity	8000	9130				10 Day Allowable		60	
11	sun		3559		0	907	2652	2659	7	45	0
12	mon		2659		0	966	1693	1708	15	60	0
13	tue		1708	5990		843	6855	6922	67	127	0
14	wed		6922		0	863	6059	6033	-26	101	0
15	thu		6033		0	835	5198	5181	-17	84	0

16 fri	5181	0	1100	4081	4073	-8	76	0
17 sat	4073	0	954	3119	3121	2	78	0
18 sun	3121	0	732	2389	2397	8	86	0
19 mon	2397	0	888	1509	1529	20	106	0
20 tue.	1529	0	741	788	819	31	137	0
		<b>10 Day Throughput</b>	<b>8829</b>		<b>10 Day Variation</b>		<b>96</b>	
Tank Capacity	8000	5990			<b>10 Day Allowable</b>		<b>60</b>	
21 wed	819	6772	839	6752	6773	21	158	
22 thu	6773	0	1288	5485	5450	-35	123	
23 fri	5450	0	1233	4217	4185	-32	91	0
24 sat	4185	0	1031	3154	3175	21	112	0
25 sun	3175	0	917	2258	2269	11	123	0
26 mon	2269	5491	1338	6422	6447	25	148	0
27 tue	6447	0	857	5590	5519	-71	77	0
28 wed	5519	0	638	4881	4952	71	148	0
29 thu	4952	0	703	4249	4247	-2	146	0
30 fri	4247	0	917	3330	3332	2	148	0
31 sat	3332	0	838	2494	2505	11	159	0
		<b>10 Day Throughput</b>	<b>10599</b>		<b>10 Day Variation</b>		<b>22</b>	
Tank Capacity	8000	12263					<b>60</b>	
		<b>27383</b>						
	<b>Monthly ThroughPut</b>		<b>31624</b>		<b>Actual Month Total</b>		<b>159</b>	
					<b>Over/Short</b>			

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
446

Name Of Station  
Month

RT 58  
May

Product  
PLUS

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank	
1	thu		1491		0		162	1329	1337	8	8	0
2	fri		1337		0		146	1191	1199	8	16	0
3	sat		1199		0		273	926	942	16	32	0
4	sun		942		0		201	741	756	15	47	0
5	mon		756	992			199	1549	1513	-36	11	0
6	tue		1513		0		104	1409	1412	3	14	0
7	wed		1412		0		141	1271	1277	6	20	0
8	thu		1277		0		175	1102	1111	9	29	0
9	fri		1111		0		261	850	867	17	46	0
10	sat		867		0		135	732	742	10	56	0
				10 Day Throughput			1797	10 Day Variation			56	
		Tank Capacity	8000	992				10 Day Allowable			60	
11	sun		742		0		209	533	552	19	75	0
12	mon		552		0		200	352	375	23	98	0
13	tue		375	1500			150	1725	1632	-93	5	0
14	wed		1632		0		70	1562	1570	8	13	0
15	thu		1570		0		104	1466	1470	4	17	0
16	fri		1470		0		181	1289	1297	8	25	0
17	sat		1297		0		187	1110	1119	9	34	0
18	sun		1119		0		198	921	934	13	47	0
19	mon		934		0		118	816	824	8	55	0
20	tue		824		0		123	701	711	10	65	0
				10 Day Throughput			1540	10 Day Variation			9	
		Tank Capacity	8000	1500				10 Day Allowable			60	

21 wed	711	0	110	601	611	10	75	0
22 thu	611	0	240	371	398	27	102	0
23 fri	398	998	117	1279	1217	-62	40	0
24 sat	1217	0	162	1055	1063	8	48	0
25 sun	1063	0	169	894	905	11	59	0
26 mon	905	0	178	727	737	10	69	0
27 tue	737	0	69	668	660	-8	61	0
28 wed	660	0	90	570	596	26	87	0
29 thu	596	0	130	466	480	14	101	0
30 fri	480	0	189	291	316	25	126	0
31 sat	316	0	102	214	231	17	143	0

		10 Day Throughput	1556	10 Day Variation	78
Tank Capacity	8000	998		10 Day Allowable	60
		3490			
Monthly ThroughPut			4893	Actual Month Total	143
				Over/Short	

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
210

Name Of Station RT 58 Product  
Month May SUPER

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	sat		858		0		48	810	810	0	0
2	sun		810		0		141	669	670	1	1
3	mon		670		0		120	550	551	1	2
4	tue		551		0		122	429	429	0	2
5	wed		429	994			120	1303	1308	5	7
6	thu		1308		0		71	1237	1236	-1	6
7	fri		1236		0		53	1183	1183	0	6
8	sat		1183		0		86	1097	1096	-1	5
9	sun		1096		0		168	928	929	1	6
10	mon		929		0		84	845	845	0	6
				10 Day Throughput		1013		10 Day Variation		6	
		Tank Capacity	8000	994				10 Day Allowable		60	
11	tue		845		0		90	755	755	0	6
12	wed		755		0		85	670	671	1	7
13	thu		671	998			21	1648	1654	6	13
14	fri		1654		0		73	1581	1581	0	13
15	sat		1581		0		74	1507	1506	-1	12
16	sun		1506		0		99	1407	1408	1	13
17	mon		1408		0		65	1343	1343	0	13
18	tue		1343		0		130	1213	1213	0	13
19	wed		1213		0		40	1173	1173	0	13
20	thu		1173		0		30	1143	1143	0	13
				10 Day Throughput		707		10 Day Variation		7	
		Tank Capacity	8000	998				10 Day Allowable		60	
21	fri		1143	1693			139	2697	2712	15	28
22	sat		2712		0		70	2642	2641	-1	27
23	sun		2641		0		109	2532	2532	0	27
24	mon		2532		0		109	2423	2423	0	27
25	tue		2423		0		132	2291	2290	-1	26

26 wed	2290	0	164	2126	2118	-8	18	0
27 thu	2118	0	64	2054	2050	-4	14	0
28 fri	2050	0	58	1992	2004	12	26	0
29 sat	2004	0	62	1942	1942	0	26	0
30 sun	1942	0	59	1883	1882	-1	25	0
31 mon	1882	0	54	1828	1828	0	25	0

Tank Capacity	8000	10 Day Throughput	1693	10 Day Variation	10 Day Allowable	12	60
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Monthly ThroughPut	3685	2740	Actual Month Total	25
			Over/Short	

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 150 gallons  
210

[2008]

Name Of Station RT 58 Product  
 Month Jun REGULAR

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank	
1	thu		2505		0	755	1750	1767	17	17	0	
2	fri		1767		0		814	953	983	30	47	0
3	sat		983	6655		679	6959	7023	64	111	0	
4	sun		7023		0	694	6329	6300	-29	82	0	
5	mon		6300		0	1224	5076	5049	-27	55	0	
6	tue		5049		0	1465	3584	3585	1	56	0	
7	wed		3585	3501		1824	5262	5280	18	74	0	
8	thu		5280		0	1876	3404	3397	-7	67	0	
9	fri		3397		0	1887	1510	1544	34	101	0	
10	sat		1544	6325		1484	6385	6474	89	190	0	
				10 Day Throughput		12702	10 Day Variation			190		
		Tank Capacity:	8000	16481			10 Day Allowable			60		
11	sun		6474		0	1584	4890	4842	89	279	0	
12	mon		4842		0	1637	3205	3203	-2	277	0	
13	tue		3203		0	1775	1428	1455	27	304	0	
14	wed		1455	3806		1779	3482	3496	14	318	0	
15	thu		3496		0	1580	1916	1931	15	333	0	
16	fri		1931		0	1498	433	497	64	397	0	
17	sat		497	5946		1054	5389	5386	-3	394	0	
18	sun		5386		0	1285	4101	4092	-9	385	0	
19	mon		4092		0	1221	2871	2875	4	389	0	
20	tue		2875		0	1603	1272	1306	34	423	0	
				10 Day Throughput		15016	10 Day Variation			233		
		Tank Capacity:	8000	9752			10 Day Allowable			60		
21	wed		1306	5444		1219	5531	5572	41	464		

22 thu	5572	0	1212	4360	4349	-11	458	
23 fri	4349	0	1062	3287	3288	1	454	0
24 sat	3288	0	1057	2231	2244	13	467	0
25 sun	2244	0	1173	1071	1106	35	502	0
26 mon	1106	6423	1063	6466	6542	76	578	0
27 tue	6542	0	1411	5131	5101	-30	548	0
28 wed	5101	0	1113	3988	3979	-9	539	0
29 thu	3979	0	857	3122	3121	-1	538	0
30 fri	3121	0	987	2134	2155	21	559	0

Tank Capacity	8000	10 Day Throughput	11154	10 Day Variation	136
		11867			60
		38100			
Monthly ThroughPut			38872	Actual Month Total Over/Short	559

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
519

Name Of Station      RT 58      Product  
Month                    Jun            PLUS

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	thu		231		0	2	229	230	1	1	0
2	fri		230		0	9	221	222	1	2	0

3 sat	222	1788	48	1962	1852	-110	-108	0
4 sun	1852	0	104	1748	1749	1	-107	0
5 mon	1749	0	155	1594	1599	5	-102	0
6 tue	1599	0	251	1348	1360	12	-90	0
7 wed	1360	0	218	1142	1154	12	-78	0
8 thu	1154	0	368	786	812	26	-52	0
9 fri	812	0	208	604	623	19	-33	0
10 sat	623	1088	151	1560	1519	-41	-74	0
		10 Day Throughput	1514		10 Day Variation		-74	
Tank Capacity	8000	2876		10 Day Allowable			60	
11 sun	1519	0	158	1361	1366	5	-69	0
12 mon	1366	0	238	1128	1141	13	-56	0
13 tue	1141	0	282	859	877	18	-38	0
14 wed	877	989	298	1568	1550	-18	-56	0
15 thu	1550	0	212	1338	1344	6	-50	0
16 fri	1344	0	293	1051	1066	15	-35	0
17 sat	1066	0	253	813	830	17	-18	0
18 sun	830	0	162	668	682	14	-4	0
19 mon	682	0	216	466	488	22	18	0
20 tue	488	0	351	137	206	69	87	0
		10 Day Throughput	2463		10 Day Variation		161	
Tank Capacity	8000	989		10 Day Allowable			60	
21 wed	206	1486	212	1480	1362	-118	-31	0
22 thu	1362	0	292	1070	1085	15	-16	0
23 fri	1085	0	127	958	965	7	-9	0
24 sat	965	0	234	731	748	17	8	0
25 sun	748	0	196	552	571	19	27	0
26 mon	571	988	178	1381	1341	-40	-13	0
27 tue	1341	0	278	1063	1078	15	2	0
28 wed	1078	0	304	774	795	21	23	0
29 thu	795	0	243	552	570	18	41	0
30 fri	570	0	288	282	322	40	81	0
31 sat	322	0	0	322	322	0	81	0
		10 Day Throughput	2352		10 Day Variation		-6	

Tank Capacity: **8000**      2474      10 Day Allowable      **60**

Monthly ThroughPut      6339      6329      Actual Month Total Over/Short      **81**

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
**210**

Name Of Station      RT 58      Product  
 Month      Jun      SUPER

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	sat		1828		0	121	1707	1708	1	1	0
2	sun		1708		0	63	1645	1645	0	1	0
3	mon		1645		0	45	1600	1600	0	1	0
4	tue		1600		0	49	1551	1552	1	2	0
5	wed		1552		0	60	1492	1492	0	2	0
6	thu		1492		0	135	1357	1358	1	3	0
7	fri		1358		0	189	1169	1170	1	4	0
8	sat		1170		0	193	977	979	2	6	0
9	sun		979		0	112	867	869	2	8	0

10 mon	869	991	154	1706	1714	8	16	0
	10 Day Throughput		1121	10 Day Variation			16	
Tank Capacity	8000	991		10 Day Allowable			60	
11 tue	1714	0	131	1583	1581	-2	14	0
12 wed	1581	0	193	1388	1388	0	14	0
13 thu	1388	0	288	1100	1102	2	16	0
14 fri	1102	741	302	1541	1553	12	28	0
15 sat	1553	0	393	1160	1158	-2	26	0
16 sun	1158	0	220	938	938	0	26	0
17 mon	938	0	278	660	661	1	27	0
18 tue	661	0	168	493	494	1	28	0
19 wed	494	0	205	289	417	128	156	0
20 thu	417	0	70	347	417	70	226	0
	10 Day Throughput		2248	10 Day Variation			210	
Tank Capacity	8000	741		10 Day Allowable			60	
21 fri	417	1488	282	1623	1440	-183	43	0
22 sat	1440	0	285	1155	1154	-1	42	0
23 sun	1154	0	255	899	900	1	43	0
24 mon	900	0	140	760	760	0	43	0
25 tue	760	0	106	654	655	1	44	0
26 wed	655	989	288	1356	1368	12	56	0
27 thu	1368	0	289	1079	1079	0	56	0
28 fri	1079	0	200	879	880	1	57	0
29 sat	880	0	228	652	654	2	59	0
30 sun	654	0	161	493	495	2	61	0
	10 Day Throughput		2234	10 Day Variation			-165	
Tank Capacity	8000	2477		10 Day Allowable			60	
	4209							
Monthly Throughput			5603	Actual Month Total			61	
				Over/Short				

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
210

[2008]

Name Of Station  
Month

RT 58  
July

Product  
REGULAR

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	thu		2155	5500		978	6677	6714		37	0
2	fri		6714	0		991	5723	5691		-32	0
3	sat		5691	0		1223	4468	4452		-16	0
4	sun		4452	0		1048	3404	3402		-2	0
5	mon		3402	2957		911	5448	5507		59	0
6	tue		5507	0		808	4699	4689		-10	0
7	wed		4689	0		1022	3667	3567		-100	0
8	thu		3567	0		708	2859	2958		99	0
9	fri		2958	0		825	2133	2143		10	0
10	sat		2143	5000		876	6267	6292		25	0
				10 Day Throughput		9390		10 Day Variation		70	
		Tank Capacity	8000	13457				10 Day Allowable		60	
11	sun		6292	0		1487	4805	4773		25	0
12	mon		4773	0		1375	3398	3391		-7	0
13	tue		3391	0		1211	2180	2188		8	0
14	wed		2188	0		1127	1061	1095		34	0
15	thu		1095	5440		1100	5435	5472		37	0
16	fri		5472	0		1351	4121	4107		-14	0
17	sat		4107	0		1212	2895	2890		-5	0
18	sun		2890	0		1399	1491	1527		36	0
19	mon		1527	4945		797	5675	5741		66	0
20	tue		5741	0		620	5121	5107		-14	0
				10 Day Throughput		11679		10 Day Variation		166	
		Tank Capacity	8000	10385				10 Day Allowable		60	
21	wed		5107	0		729	4378	4375		-3	0

22 thu	4375	0	599	3776	3775	-1	232	
23 fri	3775	0	501	3274	3276	2	234	0
24 sat	3276	0	662	2614	2620	6	240	0
25 sun	2620	5300	964	6956	7023	67	307	0
26 mon	7023	0	1474	5549	5506	-43	264	0
27 tue	5506	0	1367	4139	4127	-12	252	0
28 wed	4127	0	1192	2935	2933	-2	250	0
29 thu	2933	0	944	1989	2009	20	270	0
30 fri	2009	0	979	1030	1061	31	301	0
31 sat	1061	6700	831	6930	6949	19	320	0

Tank Capacity: 8000      10 Day Throughput: 12000      10 Day Variation: 84

Monthly ThroughPut: 35842      Actual Month Total: 320  
 Over/Short: 488

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
 488

Name Of Station: RT 58      Product: PLUS  
 Month: Jul

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
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1 thu	322	1482	196	1608	1528	-80	-80	0
2 fri	1528	0	237	1291	1299	8	-72	0
3 sat	1299	0	363	936	956	20	-52	0
4 sun	956	0	312	644	668	24	-28	0
5 mon	668	986	336	1318	1295	-23	-51	0
6 tue	1295	0	232	1063	1074	11	-40	0
7 wed	1074	0	389	685	685	0	-40	0
8 thu	685	0	255	430	483	53	13	0
9 fri	483	0	273	210	248	38	51	0
10 sat	248	1976	135	2089	1996	-93	-42	0
		10 Day Throughput	2728		10 Day Variation		-42	
Tank Capacity	8000	4444			10 Day Allowable		60	
11 sun	1996	0	325	1671	1678	7	-35	0
12 mon	1678	0	218	1460	1467	7	-28	0
13 tue	1467	0	266	1201	1214	13	-15	0
14 wed	1214	0	185	1029	1038	9	-6	0
15 thu	1038	1483	326	2195	2172	-23	-29	0
16 fri	2172	0	252	1920	1924	4	-25	0
17 sat	1924	0	289	1635	1644	9	-16	0
18 sun	1644	0	359	1285	1299	14	-2	0
19 mon	1299	0	260	1039	1053	14	12	0
20 tue	1053	0	109	944	951	7	19	0
		10 Day Throughput	2589		10 Day Variation		61	
Tank Capacity	8000	1483			10 Day Allowable		60	
21 wed	951	0	150	801	812	11	30	0
22 thu	812	0	116	696	705	9	39	0
23 fri	705	0	160	545	561	16	55	0
24 sat	561	0	186	375	396	21	76	0
25 sun	396	1978	181	2193	2115	-78	-2	0
26 mon	2115	0	194	1921	1925	4	2	0
27 tue	1925	0	281	1644	1653	9	11	0
28 wed	1653	0	158	1495	1501	6	17	0
29 thu	1501	0	156	1345	1348	3	20	0
30 fri	1348	0	201	1147	1160	13	33	0

31 sat	1160	987	102	2045	2037	-8	25
		10 Day Throughput	1885		10 Day Variation		6
Tank Capacity	8000	2965		10 Day Allowable			60
		<b>8892</b>					
	Monthly ThroughPut		7202	Actual Month Total			<b>25</b>
				Over/Short			

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
**219**

Name Of Station      RT 58      Product  
Month                      Jul              SUPER

**PRODUCT INVENTORY MONTHLY RECONCILIATION FORM**

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	sat		495	1480		117	1858	1878	20	20	0
2	sun		1878		0	106	1772	1769	-3	17	0
3	mon		1769		0	198	1571	1570	-1	16	0
4	tue		1570		0	194	1376	1376	0	16	0
5	wed		1376		0	185	1191	1191	0	16	0
6	thu		1191		0	352	839	840	1	17	0
7	fri		840		0	217	623	623	0	17	0
8	sat		623		0	96	527	529	2	19	0
9	sun		529		0	137	392	416	24	48	0

10 mon	416	1482	151	1747	1739	-8	35	0
	10 Day Throughput		1753	10 Day Variation			35	
Tank Capacity	8000	2962		10 Day Allowable			60	
11 tue	1739	0	214	1525	1522	-3	32	0
12 wed	1522	0	154	1368	1366	-2	30	0
13 thu	1366	0	207	1159	1159	0	30	0
14 fri	1159	0	126	1033	1033	0	30	0
15 sat	1033	1485	147	2371	2393	22	52	0
16 sun	2393	0	114	2279	2278	-1	51	0
17 mon	2278	0	184	2094	2093	-1	50	0
18 tue	2093	0	234	1859	1858	-1	49	0
19 wed	1858	0	178	1680	1680	0	49	0
20 thu	1680	0	105	1575	1574	-1	48	0
	10 Day Throughput		1663	10 Day Variation			13	
Tank Capacity	8000	1485		10 Day Allowable			60	
21 fri	1574	0	86	1488	1489	1	49	0
22 sat	1489	0	52	1437	1436	-1	48	0
23 sun	1436	0	32	1404	1404	0	48	0
24 mon	1404	0	76	1328	1328	0	48	0
25 tue	1328	988	83	2233	2250	17	65	0
26 wed	2250	0	102	2148	2147	-1	64	0
27 thu	2147	0	158	1989	1989	0	64	0
28 fri	1989	0	86	1903	1902	-1	63	0
29 sat	1902	0	97	1805	1805	0	63	0
30 sun	1805	0	82	1723	1723	0	63	0
31 mon	1723	791	157	2357	2372	15	78	0
	10 Day Throughput		1011	10 Day Variation			30	
Tank Capacity	8000	1779		10 Day Allowable			60	
	Monthly ThroughPut		4427	Actual Month Total			78	
	6226			Over/Short				

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
210

[2008]

Name Of Station RT 58 Product  
 Month Aug REGULAR

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	Fri		6949		0	1330	5619	5570	-49	-49	0
2	Sat		5570		0	1051	4519	4502	-17	-66	0
3	Sun		4502		0	1044	3458	3448	-10	-76	0
4	Mon		3448		0	738	2710	2719	9	-67	0
5	Tue		2719		0	675	2044	2055	11	-56	0
6	Wed		2055		0	693	1362	1380	18	-38	0
7	Thu		1380	6414		882	6912	7038	126	88	0
8	Fri		7038		0	1028	6010	5971	-39	49	0
9	Sat		5971		0	1055	4916	4895	-21	28	0
10	Sun		4895		0	854	4041	4033	-8	20	0
				10 Day Throughput		9350		10 Day Variation		20	
		Tank Capacity	8000	6414				10 Day Allowable		60	
11	Mon		4033		0	652	3381	3380	-8	12	0
12	Tue		3380		0	926	2454	2460	6	18	0
13	Wed		2460		0	995	1465	1486	21	39	0
14	Thu		1486	6412		778	7120	7265	145	184	0
15	Fri		7265		0	1386	5879	5819	-60	124	0
16	Sat		5819		0	1329	4490	4474	-16	108	0
17	Sun		4474		0	1137	3337	3331	-6	102	0
18	Mon		3331		0	868	2463	2458	-5	97	0
19	Tue		2458		0	799	1659	1687	28	125	0
20	Wed		1687	5676		825	6538	6643	105	230	0
				10 Day Throughput		9695		10 Day Variation		210	
		Tank Capacity	8000	12088				10 Day Allowable		60	
21	Thu		6643		0	909	5734	5709	-25	205	

22 Fri	5709	0	1209	4500	4483	-17	188	0
23 Sat	4483	0	967	3516	3513	-3	185	0
24 Sun	3513	0	1249	2264	2276	12	197	0
25 Mon	2276	0	961	1315	1338	23	220	0
26 Tue	1338	6422	801	6959	7077	118	338	0
27 Wed	7077	0	724	6353	6328	-25	313	0
28 Thu	6328	0	768	5560	5539	-21	292	0
29 Fri	5539	0	1411	4128	4115	-13	279	0
30 Sat	4115	0	1686	2429	2437	8	287	0
31 Sun	2437	5131	1985	5583	5667	84	371	0

Tank Capacity: 8000      10 Day Throughput: 12670      10 Day Variation: 141

30055  
 Monthly Throughput: 31715      Actual Month Total Over/Short: 371

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
 447

Name Of Station: RT 58      Product: PLUS  
 Month: AUG  
 PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date      Day      Stick reading      Opening Physical      Gross Delivered      Metered Non      Daily Metered      Closing Book      Closing Physical      Daily Over      Over/Short Cumulative      Inches of Water

	to the 1/8"	Inventory	Gallons	Sales	Sales	Inventory	Inventory	Short	Total	in Tank	
1 Fri		2037		0	187	1850	1853		3	3	0
2 Sat		1853		0	144	1709	1713		4	7	0
3 Sun		1713		0	180	1533	1539		6	13	0
4 Mon		1539		0	99	1440	1444		4	17	0
5 Tue		1444		0	77	1367	1371		4	21	0
6 Wed		1371		0	100	1271	1275		4	25	0
7 Thu		1275		987	101	2161	2154		-7	18	0
8 Fri		2154		0	122	2032	2034		2	20	0
9 Sat		2034		0	162	1872	1876		4	24	0
10 Sun		1876		0	208	1668	1674		6	30	0
			10 Day Throughput		1380		10 Day Variation			30	
	Tank Capacity	8000		987			10 Day Allowable			60	
11 Mon		1674		0	211	1463	1471		8	38	0
12 Tue		1471		0	192	1279	1287		8	46	0
13 Wed		1287		0	247	1040	1053		13	59	0
14 Thu		1053		1476	183	2346	2324		-22	37	0
15 Fri		2324		0	245	2079	2083		4	41	0
16 Sat		2083		0	248	1835	1840		5	46	0
17 Sun		1840		0	274	1566	1557		-9	37	0
18 Mon		1557		0	118	1439	1461		22	59	0
19 Tue		1461		0	148	1313	1319		6	65	0
20 Wed		1319		0	113	1206	1211		5	70	0
			10 Day Throughput		1979		10 Day Variation			40	
	Tank Capacity	8000		1476			10 Day Allowable			60	
21 Thu		1211		0	142	1069	1077		8	78	0
22 Fri		1077		0	145	932	941		9	87	0
23 Sat		941		0	171	770	782		12	99	0
24 Sun		782		0	177	605	621		16	115	0
25 Mon		621		0	132	489	503		14	129	0
26 Tue		503		987	124	1366	1317		-49	80	0
27 Wed		1317		0	119	1198	1203		5	85	0
28 Thu		1203		0	83	1120	1124		4	89	0
29 Fri		1124		0	168	956	967		11	100	0

30 Sat	967	0	200	767	780	13	113	0
31 Sun	780	2072	195	2657	2618	-39	74	
		10 Day Throughput	1656		10 Day Variation		4	
Tank Capacity	8000	3059			10 Day Allowable		60	
		5522						
	Monthly Throughput		5015		Actual Month Total		74	
					Over/Short			

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
**210**

Name Of Station      RT 58      Product  
Month                    Aug      SUPER

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	Fri		2372		0	153	2219	2217	-2	-2	0
2	Sat		2217		0	129	2088	2087	-1	-3	0
3	Sun		2087		0	94	1993	1993	0	-3	0
4	Mon		1993		0	54	1939	1939	0	-3	0
5	Tue		1939		0	36	1903	1903	0	-3	0
6	Wed		1903		0	167	1736	1736	0	-3	0
7	Thu		1736	987		94	2629	2650	21	18	0

8 Fri	2650	0	190	2460	2458	-2	16	0
9 Sat	2458	0	151	2307	2306	-1	15	0
10 Sun	2306	0	112	2194	2193	-1	14	0
		10 Day Throughput	1180		10 Day Variation		14	
Tank Capacity	8000	987			10 Day Allowable		60	
11 Mon	2193	0	143	2050	2050	0	14	0
12 Tue	2050	0	160	1890	1889	-1	13	0
13 Wed	1889	0	63	1826	1826	0	13	0
14 Thu	1826	493	94	2225	2234	9	22	0
15 Fri	2234	0	182	2052	2050	-2	20	0
16 Sat	2050	0	168	1882	1881	-1	19	0
17 Sun	1881	0	225	1656	1655	-1	18	0
18 Mon	1655	0	39	1616	1616	0	18	0
19 Tue	1616	0	114	1502	1502	0	18	0
20 Wed	1502	0	62	1440	1439	-1	17	0
		10 Day Throughput	1250		10 Day Variation		3	
Tank Capacity	8000	493			10 Day Allowable		60	
21 Thu	1439	0	89	1350	1350	0	17	0
22 Fri	1350	0	72	1278	1278	0	17	0
23 Sat	1278	0	121	1157	1157	0	17	0
24 Sun	1157	0	149	1008	1008	0	17	0
25 Mon	1008	0	56	952	952	0	17	0
26 Tue	952	987	42	1897	1915	18	35	0
27 Wed	1915	0	60	1855	1855	0	35	0
28 Thu	1855	0	99	1756	1755	-1	34	0
29 Fri	1755	0	140	1615	1615	0	34	0
30 Sat	1615	0	205	1410	1410	0	34	0
31 Sun	1410	987	271	2126	2145	19	53	0
		10 Day Throughput	1304		10 Day Variation		36	
Tank Capacity	8000	1974			10 Day Allowable		60	
		3454						
	Monthly ThroughPut		3734		Actual Month Total		53	

Over/Short

The total allowable Over/Short for one (1) month =  $.01 * \text{Monthly Throughput} + 130$  gallons  
**210**

2008

Name Of Station RT 58 Product  
 Month Sept REGULAR

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank	
1	MON		5667		0	2250	3417	3399		-18	-18	0
2	TUE		3399		0	1406	1993	2009		16	-2	0
3	WED		2009		0	1335	674	722		48	46	0
4	THU		722	6926		1855	5793	5841		48	94	0
5	FRI		5841		0	2389	3452	3430		-22	72	0
6	SAT		3430		0	984	2446	2452		6	78	0
7	SUN		2452		0	1541	911	951		40	118	0
8	MON		951	4049		1353	3647	3655		8	126	0
9	TUE		3655		0	1084	2571	2578		7	133	0
10	WED		2578	2468		1427	3619	3646		27	160	0
				10 Day Throughput		15624		10 Day Variation			160	
		Tank Capacity	12000	13443				10 Day Allowable			90	
11	THU		3646		0	1365	2281	2294		27	187	0
12	FRI		2294		0	2078	216	307		91	278	0
13	SAT		307	4932		230	5009	4989		-20	258	0
14	SUN		4989		0	481	4508	4499		-9	249	0
15	MON		4499		0	451	4048	4045		-3	246	0
16	TUE		4045		0	654	3391	3376		-15	231	0
17	WED		3376		0	1164	2212	2236		24	255	0
18	THU		2236	4551		1057	5730	5795		65	320	0
19	FRI		5795		0	1384	4411	4390		-21	299	0
20	SAT		4390		0	1336	3054	3052		-2	297	0
				10 Day Throughput		10200		10 Day Variation			137	
		Tank Capacity	12000	9483				10 Day Allowable			71.1225	
21	SUN		3052		0	1590	1462	1486		24	321	

22 MON	1486	4165	980	4671	4681	10	331	
23 TUE	4681	0	1159	3522	3520	-2	329	0
24 WED	3520	0	1161	2359	2367	8	337	0
25 THU	2367	4366	814	5919	5962	43	380	0
26 FRI	5962	0	1595	4367	4352	-15	365	0
27 SAT	4352	0	968	3384	3383	-1	364	0
28 SUN	3383	0	1402	1981	1997	16	380	0
29 MON	1997	0	1016	981	1013	32	412	0
30 TUE	1013	4572	1174	4411	4389	-22	390	0

Bank Capacity	12000	10 Day Throughput	11859	10 Day Variation	98
		13103		10 Day Allowable	88.9425
		36029			
Monthly ThroughPut			37683	Actual Month	390
				Total	
				Over/Short	

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
507

Name Of Station: RT 58  
Month: Sept  
Product: PLUS

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	MON		2618		0	235	2383	2387	4	4	0
2	TUE		2387		0	123	2264	2266	2	6	0
3	WED		2266		0	154	2112	2115	3	9	0

4 THU	2115	0	335	1780	1789	9	18	0
5 FRI	1789	0	229	1560	1668	108	126	0
6 SAT	1668	0	148	1520	1425	-95	31	0
7 SUN	1425	0	223	1202	1213	11	42	0
8 MON	1213	0	254	959	973	14	56	0
9 TUE	973	0	122	851	860	9	65	0
10 WED	860	0	135	725	735	10	75	0

Tank Capacity: 8000      10 Day Throughput: 1958      10 Day Variation: 75      10 Day Allowable: 14.685

11 THU	735	0	133	602	614	12	87	0
12 FRI	614	0	357	257	300	43	130	0
13 SAT	300	0	132	168	206	38	168	0
14 SUN	206	0	0	206	206	0	168	0
15 MON	206	0	0	206	206	0	168	0
16 TUE	206	0	0	206	206	0	168	0
17 WED	206	0	0	206	206	0	168	0
18 THU	206	1486	33	1659	1533	-126	42	0
19 FRI	1533	0	152	1381	1386	5	47	0
20 SAT	1386	0	242	1144	1155	11	58	0

Tank Capacity: 8000      10 Day Throughput: 1049      10 Day Variation: -17      10 Day Allowable: 7.8675

21 SUN	1155	0	238	917	931	14	72	0
22 MON	931	1488	121	2298	2260	-38	34	0
23 TUE	2260	0	117	2143	2145	2	36	0
24 WED	2145	0	218	1927	1931	4	40	0
25 THU	1931	0	130	1801	1803	2	42	0
26 FRI	1803	0	210	1593	1599	6	48	0
27 SAT	1599	0	237	1362	1370	8	56	0
28 SUN	1370	0	151	1219	1226	7	63	0
29 MON	1226	0	165	1061	1069	8	71	0
30 TUE	1069	0	103	966	970	4	75	0

Tank Capacity: 8000      10 Day Throughput: 1690      10 Day Variation: 17      10 Day Allowable: 12.675

2974  
 Monthly ThroughPut

4697

Actual Month  
 Total  
 Over/Short

75

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
 210

Name of Station  
 Month

RT 58  
 Sept

Product  
 SUPER

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	MON		2145		0	180	1965	1965	0	0	0
2	TUE		1965		0	133	1832	1831	-1	-1	0
3	WED		1831		0	68	1763	1763	0	-1	0
4	THU		1763		0	95	1668	1667	-1	-2	0
5	FRI		1667		0	128	1539	1539	0	-2	0
6	SAT		1539		0	28	1511	1511	0	-2	0
7	SUN		1511		0	141	1370	1370	0	-2	0
8	MON		1370		0	155	1215	1215	0	-2	0
9	TUE		1215		0	70	1145	1144	-1	-3	0
10	WED		1144		0	100	1044	1044	0	-3	0
						10 Day Throughput	1098	10 Day Variation		-3	

	Tank Capacity			10 Day Allowable				
		0					\$8.235	
11 THU	1044	0	52	992	992	0	\$3	0
12 FRI	992	0	212	780	780	0	\$3	0
13 SAT	780	0	255	525	513	-12	\$15	0
14 SUN	513	0	60	453	453	0	\$15	0
15 MON	453	0	44	409	416	7	\$8	0
16 TUE	416	0	74	342	416	74	\$66	0
17 WED	416	0	108	308	416	108	\$74	0
18 THU	416	990	44	1362	1184	-178	\$4	0
19 FRI	1184	0	125	1059	1059	0	\$4	0
20 SAT	1059	0	117	942	941	-1	\$5	0

	Tank Capacity	10 Day Throughput		10 Day Variation				
		990	1091				\$8.1825	
21 SUN	941	0	149	792	793	1	\$4	0
22 MON	793	990	112	1671	1668	-3	\$7	0
23 TUE	1668	0	61	1607	1606	-1	\$8	0
24 WED	1606	0	74	1532	1531	-1	\$9	0
25 THU	1531	0	42	1489	1488	-1	\$10	0
26 FRI	1488	0	105	1383	1381	-2	\$12	0
27 SAT	1381	0	131	1250	1250	0	\$12	0
28 SUN	1250	0	167	1083	1081	-2	\$14	0
29 MON	1081	0	76	1005	1005	0	\$14	0
30 TUE	1005	0	70	935	934	-1	\$15	0

	Tank Capacity	10 Day Throughput		10 Day Variation			
	8000	990	987				
		1980					
Monthly ThroughPut			3176	Actual Month Total Over/Short			-15

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
210

[2008]

Name Of Station RT 58 Product  
 Month Dec REGULAR

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank	
1	thu		2797	4518		1275	6040	5769		-271	-271	0
2	fri		5769	0		936	4833	4921		88	-183	0
3	sat		4921	0		966	3955	3948		-7	-190	0
4	sun		3948	0		1111	2837	2837		0	-190	0
5	mon		2837	0		918	1919	1928		9	-181	0
6	tue		1928	0		759	1169	1197		28	-153	0
7	wed		1197	6625		1152	6670	6646		-24	-177	0
8	thu		6646	0		984	5662	5639		-23	-200	0
9	fri		5639	0		851	4788	4774		-14	-214	0
10	sat		4774	0		940	3834	3831		-3	-217	0
				10 Day Throughput		9892		10 Day Variation		-217		
		Tank Capacity	8000	11143			10 Day Allowable			83.5725		
11	sun		3831	0		924	2907	2909		-2	-220	0
12	mon		2909	4298		1042	6165	6203		38	-182	0
13	tue		6203	0		830	5373	5353		-20	-202	0
14	wed		5353	0		1364	3989	3979		-10	-212	0
15	thu		3979	0		1291	2688	2692		4	-208	0
16	fri		2692	0		875	1817	1829		12	-196	0
17	sat		1829	5522		1089	6262	6251		-11	-207	0
18	sun		6251	0		889	5362	5351		-11	-218	0
19	mon		5351	0		1083	4268	4256		-12	-230	0
20	tue		4256	0		1019	3237	3232		-5	-235	0
				10 Day Throughput		10406		10 Day Variation		-18		
		Tank Capacity	8000	9820			10 Day Allowable			78.045		
21	wed		3232	0		1352	1880	1892		12	-228	

22 thu	1892	4021	1466	4447	4410	-37	-260	0
23 fri	4410	0	771	3639	3637	-2	-262	0
24 sat	3637	0	1143	2494	2503	9	-253	0
25 sun	2503	0	833	1670	1685	15	-238	0
26 mon	1685	6043	966	6762	6760	-2	-240	0
27 tue	6760	0	1149	5611	5586	-25	-265	0
28 wed	5586	0	1636	3950	3927	-23	-288	0
29 thu	3927	3116	1269	5774	5786	12	-276	0
30 fri	5786	0	952	4834	4818	-16	-292	0
31 sat	4818	0	1190	3628	3622	-6	-298	0

Tank Capacity	8000	10 Day Throughput	12727	10 Day Variation	-63
		13180		10 Day Allowable	95.4525
		34143		Actual Month Total	-298
Monthly ThroughPut			33025	Over/Short	

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
471

Name Of Station: RT 58  
 Month: DEC  
 Product: PLUS  
 PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading	Opening Physical	Gross Delivered	Metered Non	Daily Metered	Closing Book	Closing Physical	Daily Over	Over/Short Cumulative	Inches of Water
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	to the 1/8"	Inventory	Gallons	Sales	Sales	Inventory	Inventory	Short	Total	in Tank	
1 thu		1345		0		176	1169	1191	22	22	0
2 fri		1191		0		125	1066	1071	5	27	0
3 sat		1071		0		106	965	971	6	33	0
4 sun		971		0		109	862	868	6	39	0
5 mon		868		0		116	752	759	7	46	0
6 tue		759		0		105	654	660	6	52	0
7 wed		660	1909			241	2328	2250	-78	-26	0
8 thu		2250		0		178	2072	2076	4	-22	0
9 fri		2076		0		174	1902	1906	4	-18	0
10 sat		1906		0		112	1794	1797	3	-15	0
			10 Day Throughput		442		10 Day Variation			-15	
	Tank Capacity	8000	1909				10 Day Allowable			60	
11 sun		1797		0		113	1684	1687	3	-12	0
12 mon		1687		0		119	1568	1571	3	-9	0
13 tue		1571		0		170	1401	1407	6	-3	0
14 wed		1407		0		119	1288	1293	5	2	0
15 thu		1293		0		160	1133	1139	6	8	0
16 fri		1139		0		302	837	854	17	25	0
17 sat		854	1512			111	2255	2190	-65	-40	0
18 sun		2190		0		148	2042	2047	5	-35	0
19 mon		2047		0		247	1800	1804	4	-31	0
20 tue		1804		0		156	1648	1653	5	-26	0
			10 Day Throughput		1645		10 Day Variation			-11	
	Tank Capacity	8000	1512				10 Day Allowable			60	
21 wed		1653		0		260	1393	1401	8	-18	0
22 thu		1401		0		228	1173	1181	8	-10	0
23 fri		1181		0		160	1021	1029	8	-2	0
24 sat		1029		0		151	878	886	8	6	0
25 sun		886		0		138	748	758	10	16	0
26 mon		758		0		179	579	593	14	30	0
27 tue		593		0		185	408	427	19	49	0
28 wed		427	1005			250	1182	1115	-67	-18	0
29 thu		1115		0		230	885	899	14	-4	0

30 fri	899	0	130	769	778	9	5	0
31 sat	778	0	176	602	616	14	19	
	10 Day Throughput		2087	10 Day Variation			45	
Tank Capacity	8000	1005		10 Day Allowable			60	
	4426							
	Monthly ThroughPut		5174	Actual Month Total			19	
				Over/Short				

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
214

Name Of Station RT 58 Product  
Month DEC SUPER

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	sat		1758		0	63	1695	1700	5	5	0
2	sun		1700		0	44	1656	1655	-1	4	0
3	mon		1655		0	43	1612	1611	-1	3	0
4	tue		1611		0	63	1548	1542	-6	-3	0
5	wed		1542		0	70	1472	1470	-2	-5	0
6	thu		1470		0	46	1424	1416	-8	-13	0
7	fri		1416		0	68	1348	1347	-1	-14	0
8	sat		1347		0	76	1271	1271	0	-14	0

9 sun	1271	0	92	1179	1178	-1	-15	0
10 mon	1178	0	84	1094	1093	-1	-16	0
		10 Day Throughput	649		10 Day Variation		-16	
Tank Capacity	8000	0		10 Day Allowable			60	
11 tue	1093	0	83	1010	1010	0	-16	0
12 wed	1010	0	101	909	908	-1	-17	0
13 thu	908	0	136	772	772	0	-17	0
14 fri	772	0	115	657	657	0	-17	0
15 sat	657	0	131	526	525	-1	-18	0
16 sun	525	0	35	490	490	0	-18	0
17 mon	490	1506	75	1921	1923	2	-16	0
18 tue	1923	0	52	1871	1873	2	-14	0
19 wed	1873	0	116	1757	1753	-4	-18	0
20 thu	1753	0	135	1618	1619	1	-17	0
		10 Day Throughput	979		10 Day Variation		-1	
Tank Capacity	8000	1506		10 Day Allowable			60	
21 fri	1619	0	108	1511	1509	-2	-19	0
22 sat	1509	0	188	1321	1319	-2	-21	0
23 sun	1319	0	129	1190	1189	-1	-22	0
24 mon	1189	0	88	1101	1100	-1	-23	0
25 tue	1100	0	91	1009	1008	-1	-24	0
26 wed	1008	1011	53	1966	1966	0	-24	0
27 thu	1966	0	137	1829	1830	1	-23	0
28 fri	1830	0	167	1663	1662	-1	-24	0
29 sat	1662	0	165	1497	1496	-1	-25	0
30 sun	1496	0	94	1402	1401	-1	-26	0
31 mon	1401	0	108	1293	1292	-1	-27	0
		10 Day Throughput	1328		10 Day Variation		-10	
Tank Capacity	8000	1011		10 Day Allowable			60	
		2517						
Monthly ThroughPut			2956	Actual Month Total			-27	
				Over/Short				

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
**210**

[2007]

Name Of Station  
Month

RT 58  
Mar

Product  
REGULAR

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	inches of Water in Tank	
1	Sun		3101		0	979	2122	2127		5	5	0
2	Mon		2127		0	586	1541	1551		10	15	0
3	Tue		1551	2526		801	3276	3256		-20	-5	0
4	Wed		3256		0	879	2377	2378		1	-4	0
5	Thu		2378		0	1163	1215	1237		22	18	0
6	Fri		1237	6585		1391	6431	6420		-11	7	0
7	Sat		6420		0	1365	5055	5020		-35	-28	0
8	Sun		5020		0	1481	3539	3526		-13	-41	0
9	Mon		3526		0	1148	2378	2385		7	-34	0
10	Tue		2385		0	1061	1324	1345		21	-13	0
				10 Day Throughput		10854		10 Day Variation			-13	
		Tank Capacity		9111			10 Day Allowable			81.405		
11	Wed		1345	6396		899	6842	6918		21	8	0
12	Thu		6918		0	1124	5794	5754		-40	-32	0
13	Fri		5754		0	1235	4519	4500		-19	-51	0
14	Sat		4500		0	1002	3498	3493		-5	-56	0
15	Sun		3493		0	930	2563	2566		3	-53	0
16	Mon		2566		0	1003	1563	1580		17	-36	0
17	Tue		1580		0	816	764	792		28	-8	0
18	Wed		792	6157		842	6107	6055		-52	-60	0
19	Thu		6055		0	933	5122	5110		-12	-72	0
20	Fri		5110		0	896	4214	4203		-11	-83	0
				10 Day Throughput		9680		10 Day Variation			-70	
		Tank Capacity		12553			10 Day Allowable			72.6		
21	Sat		4203		0	986	3217	3213		-4	-87	

22 Sun	3213	0	960	2253	2260	7	-80	
23 Mon	2260	0	1064	1196	1220	24	-56	0
24 Tue	1220	3536	1185	3571	3523	-48	-104	0
25 Wed	3523	0	675	2848	2850	2	-102	0
26 Thu	2850	0	693	2157	2165	8	-94	0
27 Fri	2165	0	803	1362	1377	15	-79	0
28 Sat	1377	3516	809	4084	4044	-40	-119	0
29 Sun	4044	0	688	3356	3353	-3	-122	0
30 Mon	3353	0	929	2424	2437	13	-109	0
31 Tue	2437	0	790	1647	1663	16	-93	0

	10 Day Throughput		9582	10 Day Variation			-10	
Tank Capacity	7052			10 Day Allowable			71.865	
	28716							
Monthly ThroughPut			30116	Actual Month Total			-93	
				Over/Short				

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput+130 gallons  
431

Name Of Station RT 58 Product PLUS  
Month Mar  
PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
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31 Tue

	428	0	72	356	365	9	-23
		10 Day Throughput	1127		10 Day Variation		13
Tank Capacity	8000	1008		10 Day Allowable			8.4525
		3428					
Monthly ThroughPut			3275	Actual Month			-23
				Total			
				Over/Short			

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
**210**

Name Of Station      RT 58      Product  
 Month                    Mar      SUPER

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank	
1	Sun		417		0		68	349	417	68	68	0
2	Mon		417		0		66	351	417	66	134	0
3	Tue		417	1019			39	1397	1201	-196	-62	0
4	Wed		1201		0		104	1097	1095	-2	-64	0

5 Thu	1095	0	93	1002	1000	-2	-66	0
6 Fri	1000	0	108	892	891	-1	-67	0
7 Sat	891	0	156	735	735	0	-67	0
8 Sun	735	0	149	586	586	0	-67	0
9 Mon	586	0	19	567	567	0	-67	0
10 Tue	567	0	73	494	494	0	-67	0
		<b>10 Day Throughput</b>	<b>875</b>		<b>10 Day Variation</b>		<b>-67</b>	
<b>Tank Capacity</b>		<b>1019</b>		<b>10 Day Allowable</b>			<b>6.5625</b>	
11 Wed	494	993	82	1405	1399	-6	-73	0
12 Thu	1399	0	72	1327	1328	1	-72	0
13 Fri	1328	0	58	1270	1269	-1	-73	0
14 Sat	1269	0	42	1227	1227	0	-73	0
15 Sun	1227	0	34	1193	1193	0	-73	0
16 Mon	1193	0	55	1138	1137	-1	-74	0
17 Tue	1137	0	62	1075	1075	0	-74	0
18 Wed	1075	0	62	1013	1012	-1	-75	0
19 Thu	1012	0	74	938	937	-1	-76	0
20 Fri	937	0	58	879	879	0	-76	0
		<b>10 Day Throughput</b>	<b>599</b>		<b>10 Day Variation</b>		<b>-9</b>	
<b>Tank Capacity</b>		<b>993</b>		<b>10 Day Allowable</b>			<b>4.4925</b>	
21 Sat	879	0	54	825	824	-1	-77	0
22 Sun	824	0	109	715	715	0	-77	0
23 Mon	715	0	99	616	616	0	-77	0
24 Tue	616	0	93	523	523	0	-77	0
25 Wed	523	0	85	438	437	-1	-78	0
26 Thu	437	0	43	394	416	22	-56	0
27 Fri	416	0	115	301	416	115	59	0
28 Sat	416	700	82	1034	894	-140	-81	0
29 Sun	894	0	104	790	790	0	-81	0
30 Mon	790	0	48	742	742	0	-81	0
31 Tue	742	0	96	646	646	0	-81	0
		<b>10 Day Throughput</b>	<b>928</b>		<b>10 Day Variation</b>		<b>-5</b>	
<b>Tank Capacity</b>	<b>8000</b>	<b>700</b>		<b>10 Day Allowable</b>			<b>6.96</b>	

Monthly ThroughPut	2712	2402	Actual Month Total Over/Short	-81
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The total allowable Over/Short for one (1) month =  $.01 * \text{Monthly Throughput} + 130$  gallons  
**210**

EPA 425

[2007]

Name Of Station RT 58 Product  
 Month April REGULAR

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	Sun		1663		0	1094	569	616	47	47	0
2	Mon		616	7030		881	6765	6726	-39	8	0
3	Tue		6726		0	1244	5482	5449	-33	-25	0
4	Wed		5449		0	1232	4217	4204	-13	-38	0
5	Thu		4204		0	1081	3123	3114	-9	-47	0
6	Fri		3114		0	1038	2076	2102	26	-21	0
7	Sat		2102		0	914	1188	1212	24	3	0
8	Sun		1212	6510		779	6943	6975	32	35	0
9	Mon		6975		0	1080	5895	5872	-23	12	0
10	Tue		5872		0	1020	4852	4836	-16	-4	0
				10 Day Throughput		10363		10 Day Variation		-4	
		Tank Capacity		13540				10 Day Allowable		77.7225	
11	Wed		4836		0	1132	3704	3700	-16	-20	0
12	Thu		3700		0	930	2770	2774	4	-16	0
13	Fri		2774		0	905	1869	1883	14	-2	0
14	Sat		1883		0	817	1066	1092	26	24	0
15	Sun		1092	6017		728	6381	6389	8	32	0
16	Mon		6389		0	883	5506	5483	-23	9	0
17	Tue		5483		0	1019	4464	4449	-15	-6	0
18	Wed		4449		0	1131	3318	3322	4	-2	0
19	Thu		3322		0	1035	2287	2299	12	10	0
20	Fri		2299		0	899	1400	1422	22	32	0
				10 Day Throughput		9479		10 Day Variation		36	
		Tank Capacity		6017				10 Day Allowable		71.0925	
21	Sat		1422	4208		726	4904	4881	-23	9	

22 Sun	4881	0	702	4179	4174	-5	4	0
23 Mon	4174	0	1098	3076	3080	4	8	0
24 Tue	3080	0	1103	1977	1995	18	26	0
25 Wed	1995	5583	1154	6424	6425	1	27	0
26 Thu	6425	0	893	5532	5514	-18	19	0
27 Fri	5514	0	887	4627	4622	-5	4	0
28 Sat	4622	0	896	3726	3729	3	7	0
29 Sun	3729	0	978	2751	2763	12	19	0
30 Mon	2763	0	839	1924	1943	19	38	0

Tank Capacity	10 Day Throughput	9276	10 Day Variation	6
	9791		10 Day Allowable	6957
	29348			
Monthly ThroughPut		29118	Actual Month Total	38
			Over/Short	

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
423

Name Of Station RT 58  
Month April  
Product PLUS

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	Sun		365		0	82	283	294	11	11	0
2	Mon		294	1002		119	1177	1096	-81	-70	0



Tank Capacity: **8000**      901      10 Day Allowable      6.7875

Monthly ThroughPut      2905      3115      Actual Month Total Over/Short      53

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
**210**

Name Of Station      VA Goco      Product  
 Month      39904      SUPER

**PRODUCT INVENTORY MONTHLY RECONCILIATION FORM**

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	Sun		646	0		110	536	536	0	0	0
2	Mon		536	500		94	942	939	-3	-3	0
3	Tue		939	0		117	822	822	0	-3	0
4	Wed		822	0		103	719	719	0	-3	0
5	Thu		719	0		93	626	626	0	-3	0
6	Fri		626	0		77	549	549	0	-3	0
7	Sat		549	0		73	476	476	0	-3	0
8	Sun		476	1003		93	1386	1385	-1	-4	0
9	Mon		1385	0		31	1354	1354	0	-4	0
10	Tue		1354	0		85	1269	1268	-1	-5	0
						10 Day Throughput	876	10 Day Variation		-5	

	Tank Capacity	1503		10 Day Allowable	6.57				
11	Wed	1268	0	79	1189	1188	-1	-6	0
12	Thu	1188	0	150	1038	1038	0	-6	0
13	Fri	1038	0	86	952	951	-1	-7	0
14	Sat	951	0	47	904	904	0	-7	0
15	Sun	904	0	55	849	849	0	-7	0
16	Mon	849	0	86	763	762	-1	-8	0
17	Tue	762	0	86	676	676	0	-8	0
18	Wed	676	0	93	583	583	0	-8	0
19	Thu	583	0	176	407	415	8	0	0
20	Fri	415	0	103	312	415	103	103	0

10 Day Throughput 961      10 Day Variation 108

	Tank Capacity	0		10 Day Allowable	7.2075				
Fri	Sat	415	801	121	1095	984	-111	-8	0
Sat	Sun	984	0	45	939	940	1	-7	0
Sun	Mon	940	0	104	836	837	1	-6	0
Mon	Tue	837	0	116	721	722	1	-5	0
Tue	Wed	722	0	131	591	592	1	-4	0
Wed	Thu	592	0	135	457	458	1	-8	0
Thu	Fri	458	0	82	376	415	39	36	0
Fri	Sat	415	0	49	366	415	49	85	0
Sat	Sun	415	0	46	369	414	45	130	0
Sun	Mon	414	0	45	369	414	45	175	0

10 Day Throughput 874      10 Day Variation -342

Tank Capacity 8000      801      10 Day Allowable 6.555

Monthly ThroughPut 2304      2711      Actual Month Total Over/Short 175

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
210

[2009]

Name Of Station RT 58 Product  
 Month May REGULAR

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank	
1	Sun		1943		0	1382	561	622		61	61	0
2	Mon		622	5735		1074	5283	5227		-56	5	0
3	Tue		5227		0	746	4481	4479		-2	3	0
4	Wed		4479		0	919	3560	3566		6	9	0
5	Thu		3566		0	642	2924	2932		8	17	0
6	Fri		2932		0	674	2258	2269		11	28	0
7	Sat		2269		0	1057	1212	1248		36	64	0
8	Sun		1248	5035		1233	5050	5035		-15	49	0
9	Mon		5035		0	1159	3876	3877		1	50	0
10	Tue		3877		0	971	2906	2918		12	62	0
				10 Day Throughput		9857		10 Day Variation			62	
		Tank Capacity		10770				10 Day Allowable		73.9275		
11	Wed		2918		0	989	1929	1951		12	74	0
12	Thu		1951	1493		1034	2410	2409		-1	73	0
13	Fri		2409		0	660	1749	1768		19	92	0
14	Sat		1768		0	833	935	968		33	125	0
15	Sun		968	5966		1284	5650	5614		-36	89	0
16	Mon		5614		0	904	4710	4704		-6	83	0
17	Tue		4704		0	551	4153	4153		0	83	0
18	Wed		4153		0	728	3425	3430		5	88	0
19	Thu		3430		0	638	2792	2799		7	95	0
20	Fri		2799		0	658	2141	2159		18	113	0
				10 Day Throughput		8279		10 Day Variation			51	
		Tank Capacity		7459				10 Day Allowable		62.0925		



1 Sun	208	0	1	207	208	1	1	.0
2 Mon	208	997	73	1132	1021	-111	-110	.0
3 Tue	1021	0	99	922	929	7	-103	.0
4 Wed	929	0	83	846	853	7	-96	.0
5 Thu	853	0	72	781	786	5	-91	.0
6 Fri	786	0	167	619	634	15	-76	.0
7 Sat	634	0	95	539	549	10	-66	.0
8 Sun	549	996	174	1371	1318	-53	-119	.0
9 Mon	1318	0	177	1141	1151	10	-109	.0
10 Tue	1151	0	115	1036	1043	7	-102	.0
		10 Day Throughput	1056		10 Day Variation		-102	
	Tank Capacity	1953			10 Day Allowable		7.92	
11 Wed	1043	0	100	943	950	7	-95	.0
12 Thu	950	0	144	806	816	10	-85	.0
13 Fri	816	0	110	706	716	10	-75	.0
14 Sat	716	0	82	634	641	7	-68	.0
15 Sun	641	0	135	506	521	15	-53	.0
16 Mon	521	0	206	315	341	26	-27	.0
17 Tue	341	0	126	215	235	20	-7	.0
18 Wed	235	0	58	177	206	29	22	.0
19 Thu	206	997	59	1144	1029	-115	-93	.0
20 Fri	1029	0	94	935	941	6	-87	.0
		10 Day Throughput	1114		10 Day Variation		15	
	Tank Capacity	997			10 Day Allowable		8.355	
21 Sat	941	0	137	804	814	10	-77	.0
22 Sun	814	0	168	646	661	15	-62	.0
23 Mon	661	0	225	436	460	24	-38	.0
24 Tue	460	0	207	253	282	29	-9	.0
25 Wed	282	0	113	169	204	35	26	.0
26 Thu	204	0	0	204	204	0	26	.0
27 Fri	204	0	0	204	204	0	26	.0
28 Sat	204	998	0	1202	1087	-115	-89	.0
29 Sun	1087	0	166	921	931	10	-79	.0
30 Mon	931	0	173	758	772	14	-65	.0

31 Tue	772	0	133	639	651	12	-53
		10 Day Throughput	1322		10 Day Variation		34
Tank Capacity	8000	998		10 Day Allowable			9.915
		3988					
	Monthly ThroughPut		3492	Actual Month Total			-53
				Over/Short			

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
210

Name Of Station RT 58 Product  
Month May SUPER

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	Sun		414		0	18	396	414	18	18	0
2	Mon		414	995		49	1360	1167	-193	-175	0
3	Tue		1167		0	63	1104	1104	0	-175	0
4	Wed		1104		0	103	1001	1002	1	-174	0
5	Thu		1002		0	48	954	954	0	-174	0
6	Fri		954		0	108	846	846	0	-174	0
7	Sat		846		0	84	762	763	1	-173	0
8	Sun		763		0	65	698	698	0	-173	0
9	Mon		698		0	72	626	627	1	-172	0
10	Tue		627		0	38	589	590	1	-171	0
				10 Day Throughput		648		10 Day Variation		-171	

	Tank Capacity	995		10 Day Allowable	4.86				
11	Wed	590	0	20	570	570	0	-171	0
12	Thu	570	0	110	460	460	0	-171	0
13	Fri	460	0	75	385	414	29	-142	0
14	Sat	414	0	76	338	414	76	-66	0
15	Sun	414	0	90	324	414	90	24	0
16	Mon	414	0	0	414	414	0	24	0
17	Tue	414	0	0	414	414	0	24	0
18	Wed	414	0	1	413	414	1	25	0
19	Thu	414	1000	4	1410	1213	-197	-172	0
20	Fri	1213	0	65	1148	1147	-1	-173	0

10 Day Throughput 441      10 Day Variation -2

	Tank Capacity	1000		10 Day Allowable	3.3075				
Fri	Sat	1147	0	52	1095	1095	0	-173	0
Sat	Sun	1095	0	143	952	953	1	-172	0
Sun	Mon	953	0	103	850	851	1	-171	0
Mon	Tue	851	0	82	769	770	1	-170	0
Tue	Wed	770	0	143	627	628	1	-169	0
Wed	Thu	628	0	118	510	531	21	-148	0
Thu	Fri	531	0	146	385	413	28	-120	0
fri	Sat	413	996	82	1327	1295	-32	-152	0
Sat	Sun	1295	0	78	1217	1218	1	-151	0
sun	Mon	1218	0	60	1158	1158	0	-151	0
mon	Tue	1158	0	100	1058	1059	1	-150	0

10 Day Throughput 1107      10 Day Variation 23

Tank Capacity 8000      996      10 Day Allowable 8.3025

Monthly ThroughPut 2991      2196      Actual Month Total Over/Short -150

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
210

EPA 435

[June 2009  
aka Rt. 58]

Name Of Station  
Month

VA Goco  
39965

Product  
REGULAR

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank	
	1 Sun		3347		0	1032	2315	2334		19	119	0
	2 Mon		2334		0	682	1652	1675		23	142	0
	3 Tue		1675		0	767	908	944		36	178	0
	4 Wed		944	6646		890	6700	6742		42	220	0
	5 Thu		6742		0	993	5749	5728		-21	199	0
	6 Fri		5728		0	1055	4673	4668		-5	194	0
	7 Sat		4668		0	974	3694	3699		5	199	0
	8 Sun		3699		0	948	2751	2764		13	212	0
	9 Mon		2764		0	682	2082	2099		17	229	0
	10 Tue		2099		0	819	1280	1309		29	258	0
				10 Day Throughput		8842		10 Day Variation			198	
		Tank Capacity		6646				10 Day Allowable			66.315	
	11 Wed		1309	4564		684	5189	5165		29	187	0
	12 Thu		5165		0	1039	4126	4130		4	191	0
	13 Fri		4130		0	1050	3080	3094		14	205	0
	14 Sat		3094		0	727	2367	2379		12	217	0
	15 Sun		2379		0	700	1679	1705		26	243	0
	16 Mon		1705		0	671	1034	1062		28	271	0
	17 Tue		1062	6645		899	6808	6827		19	290	0
	18 Wed		6827		0	874	5953	5931		-22	268	0
	19 Thu		5931		0	1184	4747	4740		-7	261	0
	20 Fri		4740		0	1048	3692	3699		7	268	0
				10 Day Throughput		8876		10 Day Variation			110	
		Tank Capacity		11209				10 Day Allowable			66.57	
	21 Sat		3699		0	887	2812	2824		12	280	

22 Sun	2824	0	881	1943	1972	29	309	0
23 Mon	1972	0	764	1208	1238	30	339	0
24 Tue	1238	0	788	450	501	51	390	0
25 Wed	501	4940	721	4720	4621	-99	291	0
26 Thu	4621	0	1027	3594	3607	13	304	0
27 Fri	3607	0	1062	2545	2567	22	326	0
28 Sat	2567	0	830	1737	1764	27	353	0
29 Sun	1764	0	865	899	939	40	393	0
30 Mon	939	5934	560	6313	6288	-25	368	0
31								0

Tank Capacity	10 Day Throughput	8385	10 Day Variation	100
	10874		10 Day Allowable	62.8875
	<b>28729</b>			
Monthly ThroughPut		26103	Actual Month Total	<b>368</b>
			Over/Short	

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
**417**

Name Of Station      VA Goco      Product  
Month                      39965              PLUS

**PRODUCT INVENTORY MONTHLY RECONCILIATION FORM**

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank	
1 Sun			651		0		111	540	552	12	12	0
2 Mon			552		0		147	405	423	18	30	0
3 Tue			423		0		47	376	381	5	35	0
4 Wed			381	1389			126	1644	1567	-77	-42	0

5 Thu	1567	0	136	1431	1437	6	-36	0
6 Fri	1437	0	152	1285	1293	8	-28	0
7 Sat	1293	0	109	1184	1191	7	-21	0
8 Sun	1191	0	123	1068	1075	7	-14	0
9 Mon	1075	0	54	1021	1024	3	-11	0
10 Tue	1024	0	102	922	929	7	-4	0
		10 Day Throughput	1107		10 Day Variation		-4	
Tank Capacity		1389			10 Day Allowable		8.3025	
11 Wed	929	0	88	841	848	7	3	0
12 Thu	848	0	168	680	695	15	18	0
13 Fri	695	0	63	632	638	6	24	0
14 Sat	638	0	155	483	500	17	41	0
15 Sun	500	0	88	412	423	11	52	0
16 Mon	423	0	151	272	294	22	74	0
17 Tue	294	993	90	1197	1114	-83	-9	0
18 Wed	1114	0	147	967	977	10	1	0
19 Thu	977	0	169	808	821	13	14	0
20 Fri	821	0	121	700	710	10	24	0
		10 Day Throughput	1240		10 Day Variation		28	
Tank Capacity		993			10 Day Allowable		9.3	
21 Sat	710	0	104	606	616	10	34	0
22 Sun	616	0	122	494	507	13	47	0
23 Mon	507	0	170	337	360	23	70	0
24 Tue	360	0	62	298	307	9	79	0
25 Wed	307	988	116	1179	1096	-83	-4	0
26 Thu	1096	0	57	1039	1042	3	-1	0
27 Fri	1042	0	127	915	925	10	9	0
28 Sat	925	0	100	825	833	8	17	0
29 Sun	833	0	76	757	764	7	24	0
30 Mon	764	0	63	701	706	5	29	0
		10 Day Throughput	997		10 Day Variation		5	
Tank Capacity	8000	988			10 Day Allowable		7.4775	

Monthly ThroughPut 3370

3344

Actual Month  
Total  
Over/Short

29

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput+130 gallons  
**210**

Name Of Station RT 58 Product  
Month Jun SUPER

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	Sun		1059		0	77	982	983	1	1	0
2	Mon		983		0	31	952	953	1	2	0
3	Tue		953		0	49	904	904	0	2	0
4	Wed		904	497		39	1362	1364	2	4	0
5	Thu		1364		0	74	1290	1291	1	5	0
6	Fri		1291		0	71	1220	1220	0	5	0
7	Sat		1220		0	37	1183	1183	0	5	0
8	Sun		1183		0	74	1109	1110	1	6	0
9	Mon		1110		0	61	1049	1050	1	7	0
10	Tue		1050		0	78	972	972	0	7	0
				10 Day Throughput		591		10 Day Variation		7	
		Tank Capacity		497			10 Day Allowable			4.4325	
11	Wed		972		0	29	943	943	0	7	0
12	Thu		943		0	81	862	864	2	9	0

13 Fri	864	0	66	798	798	0	9	0
14 Sat	798	0	56	742	743	1	10	0
15 Sun	743	0	102	641	642	1	11	0
16 Mon	642	0	23	619	619	0	11	0
17 Tue	619	791	120	1290	1293	3	14	0
18 Wed	1293	0	54	1239	1240	1	15	0
19 Thu	1240	0	52	1188	1189	1	16	0
20 Fri	1189	0	77	1112	1113	1	17	0
		10 Day Throughput	660		10 Day Variation		10	
Tank Capacity		791		10 Day Allowable			4.95	

21 Sat	1113	0	36	1077	1078	1	18	0
22 Sun	1078	0	60	1018	1018	0	18	0
23 Mon	1018	0	80	938	938	0	18	0
24 Tue	938	0	24	914	915	1	19	0
25 Wed	915	0	45	870	871	1	20	0
26 Thu	871	0	45	826	826	0	20	0
27 Fri	826	0	117	709	711	2	22	0
28 Sat	711	0	71	640	640	0	22	0
29 Sun	640	0	64	576	578	2	24	0
30 Mon	578	490	18	1050	1051	1	25	0
		10 Day Throughput	560		10 Day Variation		8	
Tank Capacity	8000	490		10 Day Allowable			4.2	

Monthly ThroughPut 1778  
 Monthly ThroughPut 1811  
 Actual Month Total Over/Short 25

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
 210

[2009]

Name Of Station RT 58 Product  
 Month Jul REGULAR

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank	
1	Sun		6288		0	471	5817	5812		-5	-5	0
2	Mon		5812		0	829	4983	4981		-2	-7	0
3	Tue		4981		0	1096	3885	3893		8	1	0
4	Wed		3893		0	893	3000	3016		16	17	0
5	Thu		3016		0	864	2152	2175		23	40	0
6	Fri		2175	3977		899	5253	5252		-1	39	0
7	Sat		5252		0	863	4389	4390		1	40	0
8	Sun		4390		0	789	3601	3610		9	49	0
9	Mon		3610		0	738	2872	2886		14	63	0
10	Tue		2886	4653		904	6635	6686		51	114	0
				10 Day Throughput		8346		10 Day Variation			114	
		Tank Capacity		8630				10 Day Allowable			62.595	
11	Wed		6686		0	991	5695	5678		51	165	0
12	Thu		5678		0	751	4927	4927		0	165	0
13	Fri		4927		0	780	4147	4151		4	169	0
14	Sat		4151		0	720	3431	3441		10	179	0
15	Sun		3441		0	1023	2418	2440		22	201	0
16	Mon		2440		0	827	1613	1642		29	230	0
17	Tue		1642		0	953	689	738		49	279	0
18	Wed		738	4551		1012	4277	4237		-40	239	0
19	Thu		4237		0	823	3414	3426		12	251	0
20	Fri		3426		0	761	2665	2680		15	266	0
				10 Day Throughput		8641		10 Day Variation			152	
		Tank Capacity		4551				10 Day Allowable			64.8075	
21	Sat		2680		0	676	2004	2025		21	287	

22 Sun	2025	0	1147	878	928	50	337	
23 Mon	928	6225	893	6260	6235	-25	312	0
24 Tue	6235	0	1374	4861	4844	-17	295	0
25 Wed	4844	0	1395	3449	3474	25	320	0
26 Thu	3474	0	987	2487	2508	21	341	0
27 Fri	2508	0	882	1626	1657	31	372	0
28 Sat	1657	3537	782	4412	4424	12	384	0
29 Sun	4424	0	642	3782	3791	9	393	0
30 Mon	3791	0	795	2996	3010	14	407	0
31 Tue	3010	0	969	2041	2067	26	433	0

	10 Day Throughput	10542	10 Day Variation	167
Tank Capacity	9762		10 Day Allowable	79.065
	22943			
Monthly ThroughPut		27529	Actual Month Total	433
			Over/Short	

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
405

Name Of Station      RT 58      Product  
Month                      Jul              PLUS

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	Sun		706		0	239	467	493	26	26	0
2	Mon		493		0	86	407	418	11	37	0
3	Tue		418		0	57	361	369	8	45	0

4 Wed	369	0	104	265	282	17	62	0
5 Thu	282	0	59	223	233	10	72	0
6 Fri	233	1194	71	1356	1259	-97	-25	0
7 Sat	1259	0	87	1172	1177	5	-20	0
8 Sun	1177	0	70	1107	1111	4	-16	0
9 Mon	1111	0	181	930	943	13	-3	0
10 Tue	943	0	119	824	833	9	6	0
		<b>10 Day Throughput</b>	<b>1073</b>		<b>10 Day Variation</b>		<b>6</b>	
<b>Tank Capacity</b>		<b>1194</b>		<b>10 Day Allowable</b>			<b>8.0475</b>	

11 Wed	833	0	81	752	759	7	13	0
12 Thu	759	0	110	649	659	10	23	0
13 Fri	659	0	49	610	615	5	28	0
14 Sat	615	0	107	508	519	11	39	0
15 Sun	519	0	152	367	387	20	59	0
16 Mon	387	0	99	288	303	15	74	0
17 Tue	303	0	141	162	206	44	118	0
18 Wed	206	990	30	1166	1054	-112	6	0
19 Thu	1054	0	92	962	968	6	12	0
20 Fri	968	0	102	866	874	8	20	0
		<b>10 Day Throughput</b>	<b>963</b>		<b>10 Day Variation</b>		<b>14</b>	
<b>Tank Capacity</b>		<b>990</b>		<b>10 Day Allowable</b>			<b>7.2225</b>	

21 Sat	874	0	60	814	819	5	25	0
22 Sun	819	0	153	666	679	13	38	0
23 Mon	679	891	114	1456	1406	-50	-12	0
24 Tue	1406	0	132	1274	1282	8	-4	0
25 Wed	1282	0	95	1187	1192	5	1	0
26 Thu	1192	0	128	1064	1073	9	10	0
27 Fri	1073	0	65	1008	1013	5	15	0
28 Sat	1013	0	30	983	970	-13	2	0
29 Sun	970	0	126	844	869	25	27	0
30 Mon	869	0	110	759	768	9	36	0
31 Tue	768	0	66	702	708	6	42	0
		<b>10 Day Throughput</b>	<b>1079</b>		<b>10 Day Variation</b>		<b>22</b>	
<b>Tank Capacity</b>	<b>8000</b>	<b>891</b>		<b>10 Day Allowable</b>			<b>8.0925</b>	

3075  
 Monthly ThroughPut 3115 Actual Month 42  
Total  
Over/Short

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
**210**

Name Of Station RT 58 Product  
 Month Jul SUPER

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	Sun		1051	0		84	967	967	0	0	0
2	Mon		967	0		52	915	917	2	2	0
3	Tue		917	0		55	862	862	0	2	0
4	Wed		862	0		108	754	756	2	4	0
5	Thu		756	0		75	681	682	1	5	0
6	Fri		682	0		55	627	628	1	6	0
7	Sat		628	0		78	550	552	2	8	0
8	Sun		552	0		66	486	486	0	8	0
9	Mon		486	0		33	453	454	1	9	0
10	Tue		454	990		95	1349	1350	1	10	0
				10 Day Throughput		701		10 Day Variation		10	
		Tank Capacity		990			10 Day Allowable			5.2575	
11	Wed		1350	0		54	1296	1297	1	11	0
12	Thu		1297	0		77	1220	1220	0	11	0



[2009]

Name Of Station RT 58 Product  
 Month Aug REGULAR

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	Sat		2067	1482		806	2743	2745	2	2	0
2	Sun		2745	0		786	1959	1983	24	26	0
3	Mon		1983	0		917	1066	1105	39	65	0
4	Tue		1105	3751		733	4123	4107	-16	49	0
5	Wed		4107	0		957	3150	3166	16	65	0
6	Thu		3166	0		814	2352	2371	19	84	0
7	Fri		2371	0		1179	1192	1236	44	128	0
8	Sat		1236	5142		1095	5283	5314	31	159	0
9	Sun		5314	0		1008	4306	4311	5	164	0
10	Mon		4311	0		812	3499	3510	11	175	0
				10 Day Throughput		9107		10 Day Variation		175	
		Tank Capacity		10375				10 Day Allowable		68.3025	
11	Tue		3510	0		843	2667	2686	19	186	0
12	Wed		2686	0		901	1785	1814	29	215	0
13	Thu		1814	5245		1081	5978	5979	1	216	0
14	Fri		5979	0		1324	4655	4651	-4	212	0
15	Sat		4651	0		1535	3116	3135	19	231	0
16	Sun		3135	0		1239	1896	1930	34	265	0
17	Mon		1930	0		1047	883	931	48	313	0
18	Tue		931	4944		872	5003	4949	-54	259	0
19	Wed		4949	0		939	4010	4018	8	267	0
20	Thu		4018	0		1075	2943	2962	19	286	0
				10 Day Throughput		10856		10 Day Variation		111	
		Tank Capacity		10189				10 Day Allowable		81.42	
21	Fri		2962	0		1086	1876	1910	34	320	0

22 Sat	1910	4152	776	5286	5265	-21	299	
23 Sun	5265	0	1045	4220	4225	5	304	#0
24 Mon	4225	0	781	3444	3456	12	316	#0
25 Tue	3456	0	773	2683	2708	25	341	#0
26 Wed	2708	0	786	1922	1948	26	367	#0
27 Thu	1948	0	811	1137	1173	36	403	#0
28 Fri	1173	6500	1304	6369	6315	-54	349	#0
29 Sat	6315	0	1251	5064	5056	-8	341	#0
30 Sun	5056	0	1282	3774	3784	10	351	#0
31 Mon	3784	3945	919	6810	6923	113	464	#0

Tank Capacity	10 Day Throughput	10814	10 Day Variation	178
	14597		10 Day Allowable	81.105
	<b>35161</b>			
Monthly ThroughPut		30777	Actual Month Total	464
			Over/Short	

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
**482**

Name Of Station      VA Goco      Product  
Month                      40026      PLUS

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total
1 Sat			708		0	66	642	648	-6	#6
2 Sun			648		0	111	537	549	12	#18
3 Mon			549		0	54	495	501	-6	#24

3460  
Monthly ThroughPut

2676

Actual Month  
Total  
Over/Short

32

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
**210**

Name of Station      RT 58      Product  
Month                    Aug      SUPER

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total
1	Sat		888		0	109	779	781	2	2
2	Sun		781		0	71	710	711	1	3
3	Mon		711		0	73	638	640	2	5
4	Tue		640		0	23	617	617	0	5
5	Wed		617		0	71	546	548	2	7
6	Thu		548		0	147	401	411	10	17
7	Fri		411		0	84	327	411	84	101
8	Sat		411	989		51	1349	1257	-92	9
9	Sun		1257		0	81	1176	1177	1	10
10	Mon		1177		0	57	1120	1121	1	11

4 Tue	501	988	66	1423	1370	-53	-29
5 Wed	1370	0	81	1289	1293	4	-25
6 Thu	1293	0	98	1195	1201	6	-19
7 Fri	1201	0	68	1133	1137	4	-15
8 Sat	1137	0	76	1061	1067	6	-9
9 Sun	1067	0	161	906	918	12	3
10 Mon	918	0	126	792	802	10	13
		10 Day Throughput	907		10 Day Variation		13
Tank Capacity		988			10 Day Allowable		6.8025

11 Tue	802	0	38	764	767	3	16
12 Wed	767	0	71	696	702	6	22
13 Thu	702	0	143	559	574	15	37
14 Fri	574	0	156	418	437	19	56
15 Sat	437	0	99	338	352	14	70
16 Sun	352	0	85	267	280	13	88
17 Mon	280	0	34	246	252	6	89
18 Tue	252	989	84	1157	1066	-91	-2
19 Wed	1066	0	56	1010	1013	3	11
20 Thu	1013	0	96	917	925	8	9
		10 Day Throughput	862		10 Day Variation		-4
Tank Capacity		989			10 Day Allowable		6.465

21 Fri	925	0	87	838	844	6	15
22 Sat	844	0	94	750	759	9	24
23 Sun	759	0	125	634	646	12	36
24 Mon	646	0	93	553	563	10	46
25 Tue	563	0	61	502	509	7	58
26 Wed	509	0	99	410	423	13	66
27 Thu	423	0	82	341	353	12	78
28 Fri	353	0	130	223	244	21	99
29 Sat	244	0	71	173	205	32	131
30 Sun	205	0	0	205	205	0	131
31 Mon	205	1483	65	1623	1524	-99	32
		10 Day Throughput	907		10 Day Variation		28
Tank Capacity	8000	1483			10 Day Allowable		6.8025

		10 Day Throughput	767	10 Day Variation	11
Tank Capacity		989		10 Day Allowable	5.7525
11 Tue		1121	53	1068	1069
12 Wed		1069	21	1048	1048
13 Thu		1048	48	1000	1001
14 Fri		1001	60	941	941
15 Sat		941	89	852	853
16 Sun		853	131	722	724
17 Mon		724	56	668	669
18 Tue		669	86	583	584
19 Wed		584	64	520	522
20 Thu		522	32	490	490

		10 Day Throughput	640	10 Day Variation	9
Tank Capacity		0		10 Day Allowable	4.8
Fri	Fri	490	123	367	411
Sat	Sat	411	23	1671	1627
Sun	Sun	1627	41	1586	1587
Mon	Mon	1587	30	1557	1557
Tue	Tue	1557	26	1531	1531
Wed	Wed	1531	33	1498	1499
Thu	Thu	1499	120	1379	1380
Fri	Fri	1380	74	1306	1307
Sat	Sat	1307	148	1159	1160
Sun	Sun	1160	111	1049	1051
mon	Mon	1051	59	992	992

		10 Day Throughput	788	10 Day Variation	7
Tank Capacity		8000		10 Day Allowable	5.91
		2272			
Monthly ThroughPut			2195	Actual Month Total Over/Short	27

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons

210

[2009]

Name Of Station RT 58 Product  
 Month Sept REGULAR

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	Tue		6923		0	1191	5732	5706	-26	-26	0
2	Wed		5706		0	798	4908	4906	-2	-28	0
3	Thu		4906		0	1154	3752	3756	4	-24	0
4	Fri		3756	2867		1429	5194	5235	41	17	0
5	Sat		5235		0	1449	3786	3794	8	25	0
6	Sun		3794		0	974	2820	2837	17	42	0
7	Mon		2837		0	774	2063	2085	22	64	0
8	Tue		2085		0	835	1250	1282	32	96	0
9	Wed		1282	6438		781	6939	6972	33	129	0
10	Thu		6972		0	645	6327	6310	-17	112	0
				10 Day Throughput		10030		10 Day Variation		112	
		Tank Capacity		9305				10 Day Allowable		75.225	
11	Fri		6310		0	808	5502	5491	-17	95	0
12	Sat		5491		0	1034	4457	4455	-2	93	0
13	Sun		4455		0	775	3680	3698	18	111	0
14	Mon		3698		0	706	2992	3004	12	123	0
15	Tue		3004		0	762	2242	2261	19	142	0
16	Wed		2261		0	691	1570	1596	26	168	0
17	Thu		1596	5945		584	6957	7006	49	217	0
18	Fri		7006		0	822	6184	6163	-21	196	0
19	Sat		6163		0	1058	5105	5095	-10	186	0
20	Sun		5095		0	966	4129	4131	2	188	0
				10 Day Throughput		8206		10 Day Variation		76	
		Tank Capacity		5945				10 Day Allowable		61.545	
21	Mon		4131		0	897	3234	3246	12	200	

22 Tue	3246	4458	899	6805	6876	71	271	
23 Wed	6876	0	870	6006	5986	-20	251	0
24 Thu	5986	0	903	5083	5077	-6	245	0
25 Fri	5077	0	1010	4067	4071	4	249	0
26 Sat	4071	0	1239	2832	2849	17	266	0
27 Sun	2849	0	897	1952	1975	23	289	0
28 Mon	1975	4968	744	6199	6225	26	315	0
29 Tue	6225	0	714	5511	5500	-11	304	0
30 Wed	5500	0	639	4861	4857	-4	300	0

Tank Capacity	10 Day Throughput	8812	10 Day Variation	112
	9426		10 Day Allowable	66.09
	24676			
Monthly ThroughPut		27048	Actual Month Total	300
			Over/Short	

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput+130 gallons  
400

Name Of Station      RT 58      Product  
Month                    Sept      PLUS

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	Tue		1524		0	66	1458	1461	3	3	0
2	Wed		1461		0	115	1346	1352	6	9	0

3 Thu	1352	0	156	1196	1204	8	17	0
4 Fri	1204	0	126	1078	1086	8	25	0
5 Sat	1086	0	177	909	922	13	38	0
6 Sun	922	0	65	857	862	5	43	0
7 Mon	862	0	58	804	808	4	47	0
8 Tue	808	0	67	741	747	6	53	0
9 Wed	747	0	52	695	699	4	57	0
10 Thu	699	0	62	637	643	6	63	0
		10 Day Throughput	944		10 Day Variation		63	
Tank Capacity		0		10 Day Allowable			7.08	
11 Fri	643	0	42	601	606	5	68	0
12 Sat	606	0	49	557	562	5	73	0
13 Sun	562	0	78	484	493	9	82	0
14 Mon	493	0	108	385	398	13	95	0
15 Tue	398	0	84	314	327	13	108	0
16 Wed	327	0	129	198	220	22	130	0
17 Thu	220	1490	52	1658	1536	-122	8	0
18 Fri	1536	0	236	1300	1312	12	20	0
19 Sat	1312	0	221	1091	1103	12	32	0
20 Sun	1103	0	202	901	916	15	47	0
		10 Day Throughput	1201		10 Day Variation		-16	
Tank Capacity		1490		10 Day Allowable			9.0075	
21 Mon	916	0	190	726	741	15	62	0
22 Tue	741	1985	89	2637	2564	-73	-11	0
23 Wed	2564	0	101	2463	2465	2	-9	0
24 Thu	2465	0	133	2332	2336	4	-5	0
25 Fri	2336	0	174	2162	2167	5	0	0
26 Sat	2167	0	105	2062	2065	3	3	0
27 Sun	2065	0	207	1858	1866	8	11	0
28 Mon	1866	0	109	1757	1761	4	15	0
29 Tue	1761	0	83	1678	1681	3	18	0
30 Wed	1681	0	126	1555	1561	6	24	0
		10 Day Throughput	1317		10 Day Variation		-23	

Tank Capacity  
8000

10 Day Allowable

9.8775

Monthly ThroughPut

3462

Actual Month  
Total  
Over/Short

24

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput + 130 gallons  
210

Name Of Station  
Month

RT 58  
Sept

Product  
SUPER

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	Tue		992		0	73	919	919	0	0	0
2	Wed		919		0	40	879	880	1	1	0
3	Thu		880		0	96	784	785	1	2	0
4	Fri		785		0	74	711	712	1	3	0
5	Sat		712		0	107	605	599	-6	-3	0
6	Sun		599		0	125	474	484	10	7	0
7	Mon		484		0	57	427	428	1	8	0
8	Tue		428		0	22	406	411	5	13	0
9	Wed		411		0	29	382	410	28	41	0
10	Thu		410		0	24	386	410	24	65	0
				10 Day Throughput		647		10 Day Variation		65	
		Tank Capacity					10 Day Allowable			4.8525	



2009

Name Of Station RT 58 Product  
 Month OCT REGULAR

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank	
1	Thu		4857		0	867	3990	3992		2	2	0
2	Fri		3992		0	893	3099	3109		10	12	0
3	Sat		3109		0	792	2317	2333		16	28	0
4	Sun		2333		0	713	1620	1642		22	50	0
5	Mon		1642		0	620	1022	1049		27	77	0
6	Tue		1049		0	633	416	459		43	120	0
7	Wed		459	6454		627	6286	6247		-39	81	0
8	Thu		6247		0	762	5485	5473		-12	69	0
9	Fri		5473		0	974	4499	4497		-2	67	0
10	Sat		4497		0	694	3803	3802		-1	66	0
				10 Day Throughput		7575		10 Day Variation			66	
		Tank Capacity		6454			10 Day Allowable			56.8125		
11	Sun		3802		0	733	3069	3083		-1	65	0
12	Mon		3083		0	802	2281	2296		15	80	0
13	Tue		2296		0	776	1520	1544		24	104	0
14	Wed		1544		0	704	840	871		31	135	0
15	Thu		871	6487		790	6568	6534		-34	101	0
16	Fri		6534		0	1347	5187	5160		-27	74	0
17	Sat		5160		0	1072	4088	4082		-6	68	0
18	Sun		4082		0	650	3432	3433		1	69	0
19	Mon		3433		0	735	2698	2703		5	74	0
20	Tue		2703		0	751	1952	1966		14	88	0
				10 Day Throughput		8360		10 Day Variation			22	
		Tank Capacity		6487			10 Day Allowable			62.7		
21	Wed		1966	5600		625	6941	6977		36	124	

EPA 457

22 Thu	6977	0	640	6337	6314	-23	101	0
23 Fri	6314	0	1070	5244	5212	-32	69	0
24 Sat	5212	0	1199	4013	4023	10	79	0
25 Sun	4023	0	932	3091	3098	7	86	0
26 Mon	3098	0	732	2366	2377	11	97	0
27 Tue	2377	0	536	1841	1854	13	110	0
28 Wed	1854	0	538	1316	1334	18	128	0
29 Thu	1334	4995	700	5629	5598	-31	97	0
30 Fri	5598	0	1012	4586	4579	-7	90	0
31 Sat	4579	0	693	3886	3886	0	90	0
		10 Day Throughput	8677		10 Day Variation		2	
Tank Capacity		10595		10 Day Allowable			65.0775	
		23536						
	Monthly ThroughPut		<b>24612</b>	Actual Month Total			<b>90</b>	Over/Short

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput+130 gallons  
**376**

Name Of Station      RT 58      Product  
Month                    OCT        PLUS

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank
1	Thu		1561		0	44	1517	1519	2	2	0
2	Fri		1519		0	204	1315	1324	9	11	0



Tank Capacity	<b>8000</b>	1000	10 Day Allowable	4.935
		2285		
Monthly ThroughPut			3005	Actual Month Total Over/Short
				<b>-14</b>

The total allowable Over/Short for one (1) month = .01 \* Monthly Throughput+130 gallons  
**210**

Name Of Station	RT 58	Product
Month	Oct	SUPER

PRODUCT INVENTORY MONTHLY RECONCILIATION FORM

Date	Day	Stick reading to the 1/8"	Opening Physical Inventory	Gross Delivered Gallons	Metered Non Sales	Daily Metered Sales	Closing Book Inventory	Closing Physical Inventory	Daily Over Short	Over/Short Cumulative Total	Inches of Water in Tank	
1	Thu		2142		0	65	2077	2076		-1	-1	0
2	Fri		2076		0	76	2000	2000		0	-1	0
3	Sat		2000		0	57	1943	1943		0	-1	0
4	Sun		1943		0	64	1879	1880		1	0	0
5	Mon		1880		0	75	1805	1805		0	0	0
6	Tue		1805		0	90	1715	1716		1	1	0
7	Wed		1716		0	31	1685	1685		0	1	0
8	Thu		1685		0	95	1590	1590		0	1	0
9	Fri		1590		0	108	1482	1483		1	2	0
10	Sat		1483		0	24	1459	1458		-1	1	0
				10 Day Throughput		685		10 Day Variation			1	
		Tank Capacity		0			10 Day Allowable			5.1375		
11	Sun		1458		0	105	1353	1353		0	1	0





ATLANTIC ENVIRONMENTAL SOLUTIONS, INC.

July 29, 2011

Andrew Ma  
Environmental Scientist  
US EPA, Region III  
Office of Land Enforcement (3LC70)  
1650 Arch Street  
Philadelphia, PA 19103

Dear Mr. Ma

Atlantic Environmental Solutions, Inc. (AESI) has been retained by New Jersey Petroleum Office (NJPO) to respond to your request for information pursuant to Section 9005 of the Resource Conservation and Recovery Act (RCRA) regarding the underground storage tank systems at the following locations:

- Pure d/b/a Franklin Eagle Mart, 1397 Carsville Highway, Franklin, VA 23851
- Pure d/b/a Rt. 58 Food Mart, 8917 South Quay Road, Suffolk, VA 23437
- Pure Gas Station, 5703 Holland Road, Suffolk, VA23437

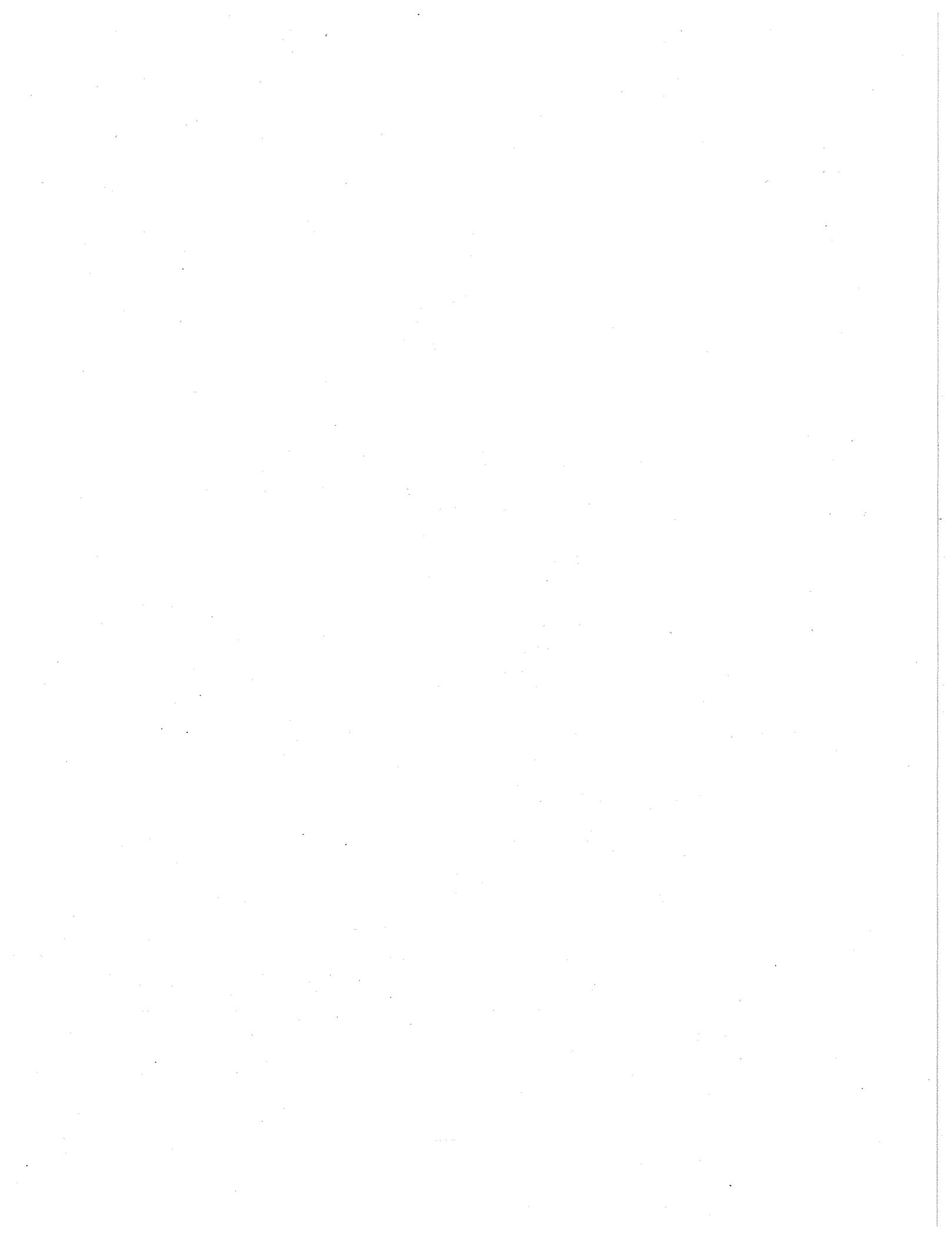
It is our understanding that some non-conformance issues were identified during a routine inspection of the above referenced properties in March 2010, and that additional information was requested by EPA in order to address these issues. Please accept this letter and its attachments as a formal response to your request for information.

**Franklin Eagle Mart**

On March 31, 2010 EPA representative from the EPA visited the Franklin Eagle Mart, located at 1397 Carrsville Highway in Franklin Virginia. During the inspection, a property representative indicated that the station was not selling gasoline or diesel. As noted in the attached Certification (Attachment A) the property was not dispensing fuel due to a dispute with the fuel supplier. However, the underground storage tanks should not be considered to have been removed from service as they were still being actively monitored by the property staff as if they were dispensing fuel.

Also, during the March 31, 2010 inspection, site personnel stated that they did not use the Veeder Root VR TLS-350 ATG as the primary source of leak detection, and that Statistical Inventory Reconciliation was used by New Jersey Petroleum Office (NJPO) as the primary leak detection system. This information was incorrect and a result of miscommunication with site personnel. As noted in the attached Certification (Attachment B) the Veeder Root system is the primary leak detection at the site and NJPO uses statistical inventory reconciliation for internal corporate records.

**CX 23A**



Facility records requested by you including current line and tank testing results, tank registration records and current insurance documentation is included in Attachment C. As documented in the attached records, all tanks and lines at the property are currently tight. Additional records are still being obtained from the facility and the NJPO records archive and will be forwarded to your attention upon receipt. Cathodic Protection testing has been scheduled for August 3-5, 2011 and results of that testing will also be forwarded to your attention.

### **Route 58 Food Mart**

On March 31, 2010 EPA representative from the EPA visited the Rt. 58 Food Mart, located at 8917 S. Quay Road in Suffolk, Virginia. During the inspection, a property representative indicated that the station was not selling gasoline. As noted in the attached Certification (Attachment D) the property was not dispensing fuel due to a dispute with the fuel supplier. However, the underground storage tanks should not be considered to have been removed from service as they were still being actively monitored by the property staff as if they were dispensing fuel.

Also, during the March 31, 2010 inspection, site personnel stated that they did not use the Veeder Root VR TLS-300 ATG as the primary source of leak detection, and that Statistical Inventory Reconciliation was used by New Jersey Petroleum Office (NJPO) as the primary leak detection system. This information was incorrect and a result of miscommunication with site personnel. As noted in the attached Certification (Attachment E) the Veeder Root system is the primary leak detection at the site and NJPO uses statistical inventory reconciliation for internal corporate records.

Facility records requested by you including current line and tank testing results, tank registration records and current insurance documentation are included in Attachment F. As documented in the attached records, all tanks and lines at the property are currently tight. Additional records are still being obtained from the facility and the NJPO records archive and will be forwarded to your attention upon receipt. Cathodic Protection testing has been scheduled for August 3-5, 2011 and results of that testing will also be forwarded to your attention.

### **Pure Gas Station (Aylin Inc.)**

On March 31, 2010 EPA representative from the EPA visited the Pure Gas Station (Aylin Inc.), located at 5703 Holland Road, Suffolk, Virginia. During the inspection, a property representative indicated that the station was not selling gasoline or diesel. As noted in the attached Certification (Attachment G) the property was not dispensing fuel due to a dispute with the fuel supplier. However, the underground storage tanks should not be considered to have been removed from service as they were still being actively monitored by the property staff as if they were dispensing fuel.

Also, during the March 31, 2010 inspection, site personnel stated that they did not use the Veeder Root VR TLS-350 ATG as the primary source of leak detection, and that Statistical Inventory Reconciliation was used by New Jersey Petroleum Office (NJPO) as the primary leak detection system. This information was incorrect and a result of miscommunication with site personnel. As noted in the attached Certification (Attachment H) the Veeder Root system is the primary leak detection at the site and NJPO uses statistical inventory reconciliation for internal corporate records.

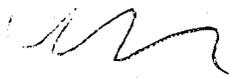




Facility records requested by you including line and tank testing results, tank registration records and current insurance documentation is included in Attachment I. Current leak testing results are being obtained from the testing contractor (Jones & Frank) and will be included in an addendum report along with additional records that are still being obtained from the facility and the NJPO records archive. Cathodic Protection testing has been scheduled for August 3-5, 2011 and results of that testing will also be forwarded to your attention.

Batur Gokcan, Area Supervisor for NJPO has certified that the information included in this report is accurate. Please refer to Attachment J for the Certification.

Please feel free to contact me at the number below if you have any questions.



Seamus Kelly  
Project Manager



Jeffrey W. Anderson, CHMM  
Vice President

CC: NJPO

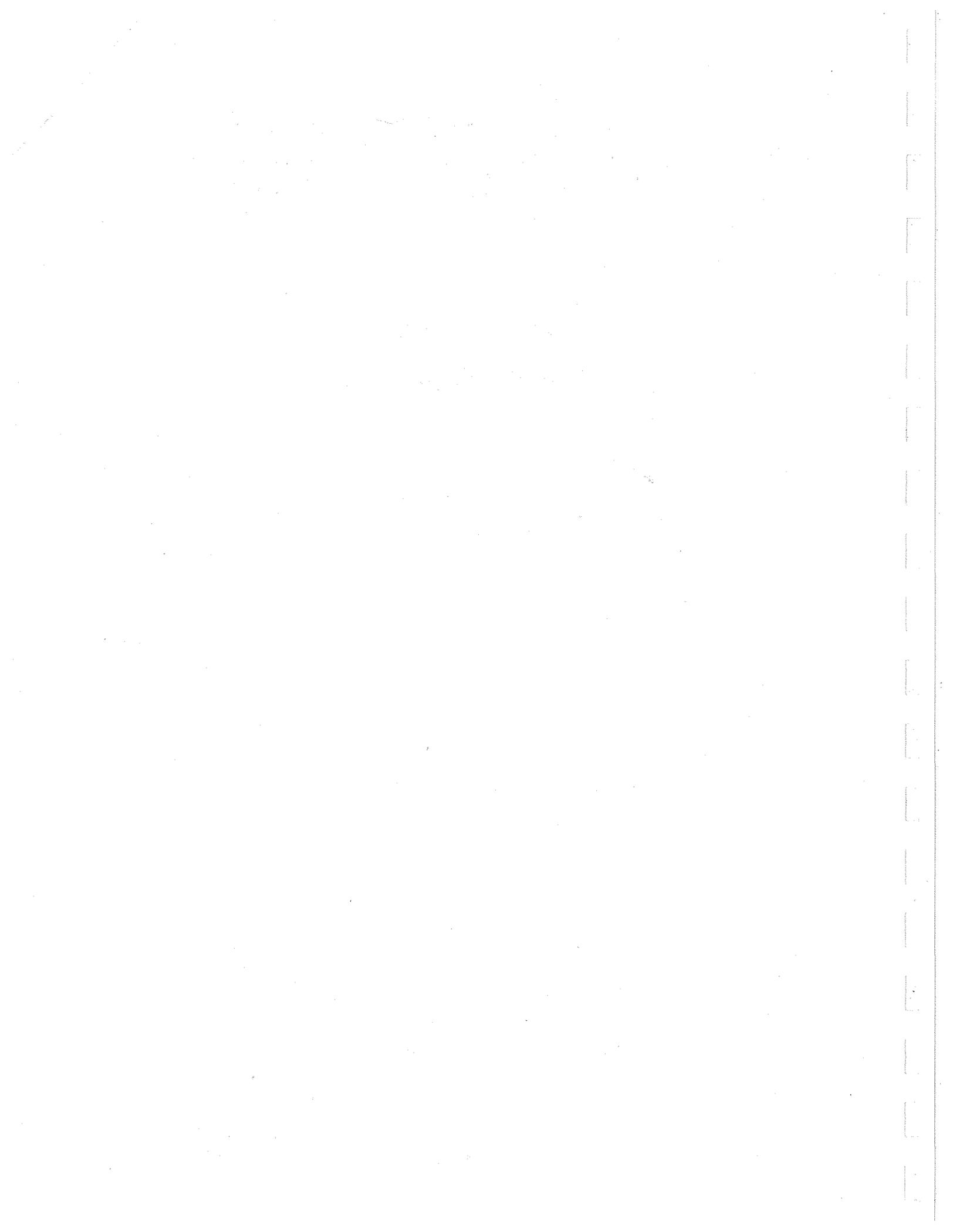




**ATTACHMENT D**

**Rt. 58 Food Mart Service Certification**





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# RT 58 FOOD MART INC.

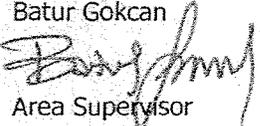
Mr. Andrew Ma  
United States Environmental Protection Agency  
Region III  
Office of Land Enforcement (3LC70)  
1650 Arch Street  
Philadelphia, Pa, 19103-2029

Dear Mr. Ma;

This letter is to confirm that Under Ground Storage Tanks at 8917 South Quay Road, Suffolk, VA were not out of service during March 2010.

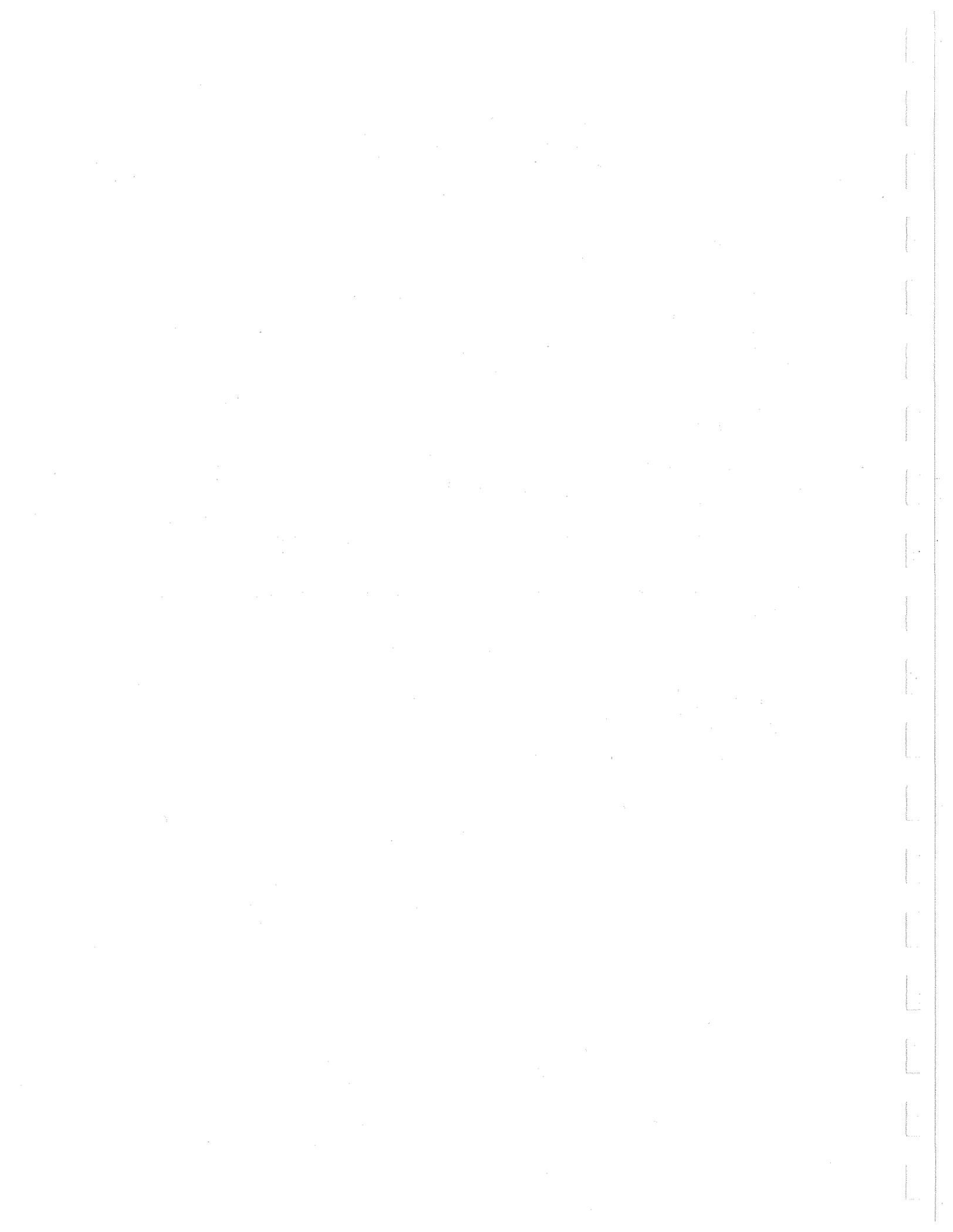
Even though we were not actively retailing gasoline resulting from a dispute with our supplier, maintenance and inspection schedule were maintained during March 2010.

If you need further information regarding this matter please do not hesitate to contact our offices.

Batur Gokcan  
  
Area Supervisor

8917  
South Quay Road  
Suffolk, VA, 23437

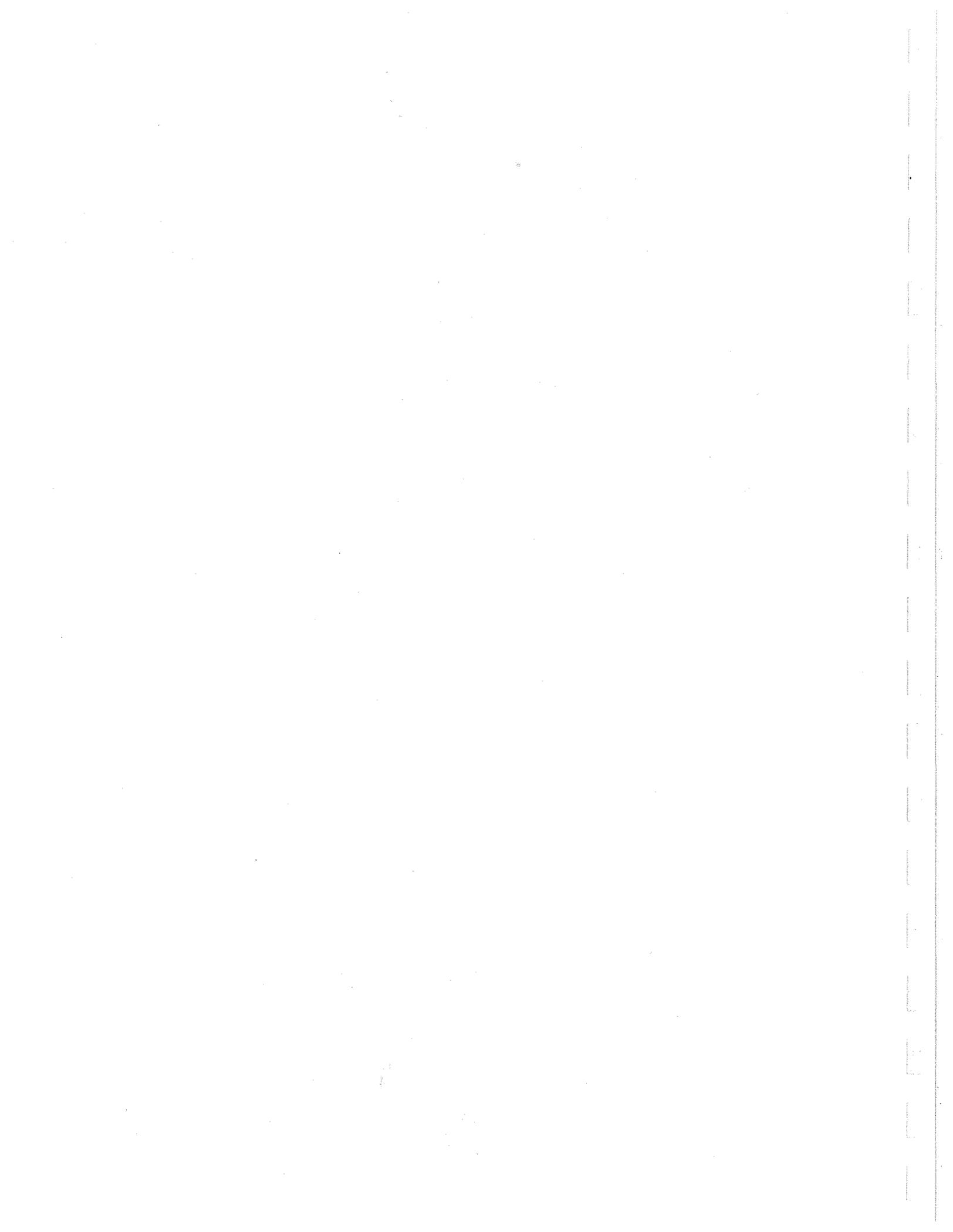
PHONE (201) 866-9000  
FAX (201) 866-9006  
E-MAIL batur.njpo@gmail.com



**ATTACHMENT E**

**Rt. 58 Food Mart Leak Detection Certification**





# RT 58 FOOD MART INC.

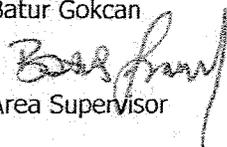
Mr. Andrew Ma  
United States Environmental Protection Agency  
Region III  
Office of Land Enforcement (3LC70)  
1650 Arch Street  
Philadelphia, Pa, 19103-2029

Dear Mr. Ma;

This letter is to confirm that Veeder-Root Automated Tank Gauging System is the primary leak detection system on the premises and Statistical Inventory Reconciliation Reports that we prepare are for internal corporate records.

If you need further information regarding this matter please do not hesitate to contact our offices.

Batur Gokcan

  
Area Supervisor

8917  
South Quay Road  
Suffolk, VA, 23437

PHONE (201) 866-9000  
FAX (201) 866-9006  
E-MAIL batur.njpo@gmail.com



**ATTACHMENT F**  
**Rt. 58 Food Mart Records**





# UST System Testing Results





**CERTIFICATE OF STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
 1815 Gallagher Road  
 Plymouth Meeting, PA 19462

**Phone:** (610) 278-7203  
**Fax:** (610) 278-7621

<b>Work Order #300753</b>		<b>Client Information</b>		<b>Location #USP8917</b>	
<b>Date:</b> Tue Jul 26th, 2011 <b>Reason:</b> Compliance		New Jersey Petroleum Organization (Adan Kirisciogly) <b>Invoice #</b> 309058 <b>Permit#</b> <b>P.O.#</b>		New Jersey Petroleum Organization Rt.58 Food Mart 8917 S.Quay Rd. Suffolk, VA 23437 <b>County:</b> Stafford	
Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.					
<b>Tanks</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
1	Plus	EZY-3 Locator Plus	Pass		
2	Regular	EZY-3 Locator Plus	Pass		
3	Premium	EZY-3 Locator Plus	Pass		
<b>Lines</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
2 (1-4)	Regular	Petro-tite Line	Pass		
1 (1-4)	Plus	Petro-tite Line	Pass		
3 (1-4)	Premium	Petro-tite Line	Pass		
<b>Leak Detectors</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
2	Regular	Leak Detector	Pass		
1	Plus	Leak Detector	Pass		
3	Premium	Leak Detector	Pass		
<b>Additional Costs</b>					
<b>PARTS:</b> Fill Adaptor Non-Swivel (2) <b>EXPENSES:</b> Fuel Surcharge					

**Gerry Ford**  
 Petro-Tite Line Testing# PAC0121112111C (Exp: 11/21/2011)  
 EZY-3 Locator Plus Certification# 66-6653 (Exp: 09/21/2012)

**Brian Hall**  
 VMI LDT-890 #2487 and Install/Replace #2486  
 Petro-Tite Line Testing #PAC0123112111C (Exp: 11/21/2011)  
 EZY-3 Locator Plus #84-1435 (Exp: 11/15/2011)

EPA 461j



<input type="checkbox"/> BELOW PRODUCT LEVEL (WET) PORTION LEAK This underground storage tank FAILS the criteria set forth by the U.S. EPA		
<input type="checkbox"/> Inconclusive		
	<b>Serial:</b>	<b>Calibration Expiration:</b>
Water Sensor Display:	10268	2011-12-30
Water Sensor Probe:	P0903802	2011-12-30
Acoustic Signal Processor:	E27002	2011-12-30
In-Tank Microphone:	M0919002	2011-12-30
Digital Pressure Sensor:	L001012	2011-12-30
Analog Vacuum Gauge:	NG9726824	2011-12-30

EPA 4611

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #300753  
 Tue Jul 26th, 2011

**EZY 3 Locator Plus**

TOTAL TANK VOL (gal):	8000	TANK # / PRODUCT TYPE:	2 / Regular	<input type="checkbox"/> DRONE
ULLAGE VOL (gal):	3874	WALL TYPE:	Single	
PRODUCT VOL (gal):	4126	MATERIAL:	Steel	

**PRESSURE SENSOR CALCULATION**

49.0000	X	0.026 psi	= 1.2714	PSI(1)
(INCHES OF PRODUCT)		(WEIGHT OF PRODUCT)		
0.0000	X	.036 psi	= 0.0000	PSI(2)
(INCHES OF WATER IN TANK)		(WEIGHT OF WATER)		
Line 1 + Line 2 = Total Positive Head Pressure in Tank			= 1.2714	PSI(3)
46.0000	X	<input checked="" type="checkbox"/> 0.036 (Water Table Outside Tank)	= 1.6560	PSI(4)
(INCHES OF WATER OUTSIDE TANK)		<input type="checkbox"/> 0.049 (Brine Filled DW Tank)		
		<input type="checkbox"/> 0.0 (Double Wall Dry)		
Total Head Pressure Minus Outside Water Pressure			= -0.3846	+/-PSI(5)
Always add .5 PSI			= 0.1154	PSI(6)
NOTE: If Line 6 is less than .5 PSI, Line 7 shall be .5 PSI			= 0.5000	PSI(7)
<b>TEST PRESSURE</b>				
		TIME	PRESSURE	Depth of Groundwater Determined:
			(psi of vacuum)	By: Tank field observation well
BLOWER STARTED:		16:50	0.0000	Where: Next to tanks(s)
TEST PRESSURE REACHED:		17:00	1.0000	
BLOWER TURNED OFF:		17:05	1.0000	
TEST BEGAN:		17:06	1.0000	
TEST ENDED:		17:09	1.0000	

WATER SENSOR CALIBRATION	TANK SYSTEM
Added (ml): 175.0000 175.0000 175.0000 Cal #1 Cal #2 Cal #3 Average: 175.0000 Water Intrusion Test Period: Began: 17:10 Ended: 18:10 Calculation for test period: 175.0000 / 3780 = 0.0463 / .05 X 60 = 55.5600 (min) Ave. Cal. "A" Factor Time of Test	Product in Tank (inches): 49.0000 Water in Tank (inches): 0.0000 Tank top to grade (inches): 39.0000 Diameter (inches): 96.0000 Bottom to grade (inches): 135.0000 Groundwater (inches): 46.0000

THE ACOUSTIC CHARACTERISTICS OF A LEAK REVEALS:	WATER SENSOR INDICATES:
<input checked="" type="checkbox"/> TIGHT TANK This underground storage tank PASSES the criteria set forth by the U.S. EPA <input type="checkbox"/> ULLAGE (DRY) PORTION LEAK This underground storage tank FAILS the criteria set forth by the U.S. EPA	<input checked="" type="checkbox"/> NO WATER INTRUSION <input type="checkbox"/> WATER INTRUSION <input type="checkbox"/> NOT APPLICABLE <input type="checkbox"/> INCONCLUSIVE

EPA 461m

BELOW PRODUCT LEVEL (WET) PORTION LEAK  
 This underground storage tank FAILS the criteria set forth by the  
 U.S. EPA

Inconclusive

	<b>Serial:</b>	<b>Calibration Expiration:</b>
Water Sensor Display:	WSD9132	2011-12-30
Water Sensor Probe:	P0903802	2011-12-30
Acoustic Signal Processor:	E27002	2011-12-30
In-Tank Microphone:	M0919002	2011-12-30
Digital Pressure Sensor:	L001178	2011-12-30
Analog Vacuum Gauge:	NG9726823	2011-12-30

EPA 461n

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #300753  
 Tue Jul 26th, 2011

**EZY 3 Locator Plus**

TOTAL TANK VOL (gal):	8000	TANK # / PRODUCT TYPE:	3 / Premium	<input type="checkbox"/> DRONE
ULLAGE VOL (gal):	5770	WALL TYPE:	Single	
PRODUCT VOL (gal):	2230	MATERIAL:	Steel	

**PRESSURE SENSOR CALCULATION**

31.0000	X	0.026 psi	= 0.8005	PSI(1)
(INCHES OF PRODUCT)		(WEIGHT OF PRODUCT)		
0.0000	X	.036 psi	= 0.0000	PSI(2)
(INCHES OF WATER IN TANK)		(WEIGHT OF WATER)		
Line 1 + Line 2 = Total Positive Head Pressure in Tank			= 0.8005	PSI(3)
48.0000	X	<input checked="" type="checkbox"/> 0.036 (Water Table Outside Tank)	= 1.7280	PSI(4)
(INCHES OF WATER OUTSIDE TANK)		<input type="checkbox"/> 0.049 (Brine Filled DW Tank)		
		<input type="checkbox"/> 0.0 (Double Wall Dry)		
Total Head Pressure Minus Outside Water Pressure			= -0.9275	+/-PSI(5)
Always add .5 PSI			= -0.4275	PSI(6)
NOTE: If Line 6 is less than .5 PSI, Line 7 shall be .5 PSI			= 0.5000	PSI(7)
<b>TEST PRESSURE</b>				
		TIME	PRESSURE	Depth of Groundwater Determined:
			(psi of vacuum)	By: Tank field observation well
BLOWER STARTED:		17:43	0.0000	Where: Next to tanks(s)
TEST PRESSURE REACHED:		17:49	1.0000	
BLOWER TURNED OFF:		17:54	1.0000	
TEST BEGAN:		17:55	1.0000	
TEST ENDED:		17:57	1.0000	

WATER SENSOR CALIBRATION	TANK SYSTEM
--------------------------	-------------

Added (ml): 175.0000 175.0000 175.0000 Cal #1 Cal #2 Cal #3 Average: 175.0000 Water Intrusion Test Period: Began: 17:58 Ended: 18:58 Calculation for test period: 175.0000 / 3780 = 0.0463 / .05 X 60 55.5600 = (min) Ave. Cal. "A" Factor Time of Test	Product in Tank (inches): 31.0000 Water in Tank (inches): 0.0000 Tank top to grade (inches): 41.0000 Diameter (inches): 96.0000 Bottom to grade (inches): 137.0000 Groundwater (inches): 48.0000
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THE ACOUSTIC CHARACTERISTICS OF A LEAK REVEALS:	WATER SENSOR INDICATES:
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<input checked="" type="checkbox"/> TIGHT TANK This underground storage tank PASSES the criteria set forth by the U.S. EPA <input type="checkbox"/> ULLAGE (DRY) PORTION LEAK This underground storage tank FAILS the criteria set forth by the U.S. EPA	<input checked="" type="checkbox"/> NO WATER INTRUSION <input type="checkbox"/> WATER INTRUSION <input type="checkbox"/> NOT APPLICABLE <input type="checkbox"/> INCONCLUSIVE
---	--

EPA461o

BELOW PRODUCT LEVEL (WET) PORTION LEAK  
This underground storage tank FAILS the criteria set forth by the  
U.S. EPA  
 Inconclusive

	<b>Serial:</b>	<b>Calibration Expiration:</b>
Water Sensor Display:	10262	2011-12-30
Water Sensor Probe:	50156	2011-12-30
Acoustic Signal Processor:	E27002	2011-12-30
In-Tank Microphone:	M1045004	2011-12-30
Digital Pressure Sensor:	L001305	2011-12-30
Analog Vacuum Gauge:	NG9726825	2011-12-30

EPA 461p

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #300753  
 Tue Jul 26th, 2011

**Petro Tite Line Test**

Line Number:	2						
Grade:	Regular	Net Volume Change:	0.00000 gph				
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	100 ft.	(PL X Ba) + (FC X Bb) + B = N					
Diameter:	2 in.	(100 x 0.00000) + (3 x 0.006) + 0.05 = 0.068 gals					
Testing Line Length:	100						
Dispenser Range	1-4						
Wall:	Single	Allowable (gal):	0.06800				
Pump Manufac:	Red Jacket	Measured (gal):	0.04200				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
15:27	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000		
15:30	Started line test	0.0	50.0	0.0000	0.0100	N/A	
15:45	Line Test Continued	50.0	50.0	0.0100	0.0100	0	
16:00	Line Test Continued	50.0	50.0	0.0100	0.0100	0	
	Bleed Back	50.0	0.0	0.0100	0.0520	0.042	

**Petro Tite Line Test**

Line Number:	1						
Grade:	Plus	Net Volume Change:	0.00000 gph				
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	100 ft.	(PL X Ba) + (FC X Bb) + B = N					
Diameter:	2 in.	(100 x 0.00000) + (3 x 0.006) + 0.05 = 0.068 gals					
Testing Line Length:	100						
Dispenser Range	1-4						
Wall:	Single	Allowable (gal):	0.06800				
Pump Manufac:	Red Jacket	Measured (gal):	0.04500				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
15:28	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000		
15:31	Started line test	0.0	50.0	0.0000	0.0520	N/A	
15:46	Line Test Continued	50.0	50.0	0.0520	0.0520	0	
16:01	Line Test Continued	50.0	50.0	0.0520	0.0520	0	

**EPA 461q**

	Bleed Back	50.0	0.0	0.0520	0.0970	0.045	
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**EPA 461r**

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #300753  
 Tue Jul 26th, 2011

**Petro Tite Line Test**

Line Number:		3		Net Volume Change:		0.00000 gph	
Grade:		Premium		<b>Bleedback</b>			
Material:		Fiberglass		(PL X Ba) + (FC X Bb) + B = N			
Total Line Length:		100 ft.		(100 x 0.00000) + (3 x 0.006) + 0.05 = 0.068 gals			
Diameter:		2 in.					
Testing Line Length:		100					
Dispenser Range		1-4					
Wall:		Single		Allowable (gal):		0.06800	
Pump Manufac:		Red Jacket		Measured (gal):		0.04300	
Type of System:		<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure		Result:		<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
15:29	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000		
15:32	Started line test	0.0	50.0	0.0000	0.0100	N/A	
15:47	Line Test Continued	50.0	50.0	0.0100	0.0100	0	
16:02	Line Test Continued	50.0	50.0	0.0100	0.0100	0	
	Bleed Back	50.0	0.0	0.0100	0.0530	0.043	

**EPA 461s**

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #300753  
 Tue Jul 26th, 2011

**Line Leak Detector Test**

**Line Leak Detector Test**

Leak Detector Number:	2	Leak Detector Number:	1
Grade:	Regular	Grade:	Plus
Dispenser Range:	1-4	Dispenser Range:	1-4
Make:	FE-Petro	Make:	Red Jacket
Model:	STP-MLD	Model:	FX1V
Serial #	01081413	Serial #	10707 3769
<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic	<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic
Equipment Information (where test was conducted):	1/2	Equipment Information (where test was conducted):	1/2
Submersible Pump Operating Pressure (psi):	28	Submersible Pump Operating Pressure (psi):	28
Check Valve Holding Pressure (psi):	20	Check Valve Holding Pressure (psi):	17
Bleedback Check (gal):	.02	Bleedback Check (gal):	.03
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	4	Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	3
Metering Pressure (The pressure at which the mechanical leak detector is in leak sensing position):	12	Metering Pressure (The pressure at which the mechanical leak detector is in leak sensing position):	14
During actual testing, when simulated leak is induced. The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	During actual testing, when simulated leak is induced. The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive		Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.		Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

**Line Leak Detector Test**

Leak Detector Number:	3
Grade:	Premium
Dispenser Range:	1-4
Make:	Red Jacket
Model:	FX1V

EPA 461t

Serial #	31107 3808
<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic	
Equipment Information (where test was conducted):	1/2
Submersible Pump Operating Pressure (psi):	28
Check Valve Holding Pressure (psi):	18
Bleedback Check (gal):	.02
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	5
Metering Pressure (The pressure at which the mechanical leak detector is in leak sensing position):	12
During actual testing, when simulated leak is induced. The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	



EPA 461u

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone:** (610) 278-7203  
**FAX:** 610-278-7621

8917 S.Quay Rd. Suffolk, VA 23437  
Site #USP8917 / WO #300753  
Tue Jul 26th, 2011

**Facility/Agency Copy**

**Site Diagram Labels**

- 1: Tank - regular 8k
- 2: Tank - premium 8k
- 3: Tank - plus 8k
- 4: Block - stp
- 5: Block - stp
- 6: Block - stp
- 7: Block - aboveground kerosene
- 8: Dispenser - kero
- 9: Block - rt 58 food mart pure oil
- 10: Road - holy neck road
- 11: Road - south quay road (rt 58)
- 12: Dispenser - mpd 1-2
- 13: Dispenser - mpd 3-4

**EPA 461v**

Verification for Wo#: 300753

Parts Sold

Quantity Sold	Part Name	Manufacturer	Part #	Description
2	Fill Adaptor Non-Swivel Universal		724CA-4040	4 in. Coaxil

Service Details

**Crompco was on site performing testing, repairs, calibration and/or inspections for the following reason:** **Comments**

Compliance

Gallons Pumped:  Additional Labor Hours:

Site Arrival Time: 14:30:00 Site Depart Time: 20:30:00

Confirmation

By signing this verification you are agreeing that Crompco LLC performed various compliance testing and/or repairs and replaced parts as listed above.

Printed Name	Email	Signature
MAHMUT UZUN	MAHMUT.NJPO@GMAIL.COM	

- Signature captured
- Refused to sign
- No one available to sign

EPA 461w

**CERTIFICATE OF UNDER GROUND STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
 1815 Gallagher Road  
 Plymouth Meeting, PA 19462

**Phone:** (610) 278-7203  
**Fax:** (610) 278-7621

<b>Work Order #223113</b>	<b>Client Information</b>	<b>Location #USP8917</b>
<b>Date:</b> Tue Nov 3rd, 2009 <b>Reason:</b> Compliance	CASH ON DELIVERY - Testing Services Agreement <b>Invoice #248138</b> <b>Permit#</b> <b>P.O.#</b>	Rt.58 Food Mart 8917 S.Quay Rd. Suffolk, VA 23437 <b>County:</b> Stafford

Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.

**Lines**

Equip #	Grade	Test	Result
1 (1-4)	Plus	Petro-tite Line	Pass
2 (1-4)	Regular	Petro-tite Line	Pass
3 (1-4)	Premium	Petro-tite Line	Pass

**Leak Detectors**

Equip #	Grade	Test	Result
3	Premium	Leak Detector	Pass
2	Regular	Leak Detector	Pass
1	Plus	Leak Detector	Pass

**Cathodic Protection: Connectors/Siphon Bar**

Equip #	Location	Test	Result
3	Dispenser - Premium	CP: Connectors	Fail
2	Dispenser - Regular	CP: Connectors	Fail
1	Dispenser - Plus	CP: Connectors	Fail
3	Dispenser - Premium	CP: Connectors	Fail
2	Dispenser - Regular	CP: Connectors	Fail
1	Dispenser - Plus	CP: Connectors	Fail
3	STP - Premium	CP: Connectors	Fail
2	STP - Regular	CP: Connectors	Fail
1	STP - Plus	CP: Connectors	Fail

**Ray Bailey**  
 Cathodic Protection Testing Training: CorPreTek  
 Petro-Tite Line Testing #PAC01117112111R (Exp: 11/21/2011)  
 VMI LDT-890 #2481 and Install/Replace #2480

EPA 461x

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

**Petro Tite Line Test**

Line Number:	1		
Grade:	Plus	Net Volume Change:	0.00000 gph
Material:	Fiberglass	<b>Bleedback</b>	
Total Line Length:	100 ft.	$(PL \times Ba) + (FC \times Bb) + B = N$	
Diameter:	2 in.	$(100 \times 0.00000) + (3 \times 0.006) + 0.05 = 0.068$ gals	
Testing Line Length:	100		
Dispenser Range	1-4		
Wall:	Single	Allowable (gal):	0.06800
Pump Manufac:	Red Jacket	Measured (gal):	0.04600
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
0914	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0	
0915	Started line test	0.0	50.0	0.0000	0.0310	N/A	
0930	Line Test Continued	50.0	50.0	0.0310	0.0310	0	
0945	Line Test Continued	50.0	50.0	0.0310	0.0310	0	
	Bleed Back	50.0	0.0	0.0310	0.0770	0.046	

**Petro Tite Line Test**

Line Number:	2		
Grade:	Regular	Net Volume Change:	0.00000 gph
Material:	Fiberglass	<b>Bleedback</b>	
Total Line Length:	100 ft.	$(PL \times Ba) + (FC \times Bb) + B = N$	
Diameter:	2 in.	$(100 \times 0.00000) + (3 \times 0.006) + 0.05 = 0.068$ gals	
Testing Line Length:	100		
Dispenser Range	1-4		
Wall:	Single	Allowable (gal):	0.06800
Pump Manufac:	Red Jacket	Measured (gal):	0.04500
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
0914	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0	
0915	Started line test	0.0	50.0	0.0000	0.0240	N/A	
0930	Line Test Continued	50.0	50.0	0.0240	0.0240	0	
0945	Line Test Continued	50.0	50.0	0.0240	0.0240	0	
	Bleed Back	50.0	0.0	0.0240	0.0690	0.045	

EPA 461y



**EPA 461z**

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

**Petro Tite Line Test**

Line Number:	3		
Grade:	Premium	Net Volume Change:	0.00000 gph
Material:	Fiberglass	<b>Bleedback</b>	
Total Line Length:	100 ft.	$(PL \times Ba) + (FC \times Bb) + B = N$	
Diameter:	2 in.	$(100 \times 0.00000) + (3 \times 0.006) + 0.05 = 0.068$ gals	
Testing Line Length:	100		
Dispenser Range	1-4		
Wall:	Single	Allowable (gal):	0.06800
Pump Manufac:	Red Jacket	Measured (gal):	0.04500
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
0914	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0	
0915	Started line test	0.0	50.0	0.0000	0.0250	N/A	
0930	Line Test Continued	50.0	50.0	0.0250	0.0250	0	
0945	Line Test Continued	50.0	50.0	0.0250	0.0250	0	
	Bleed Back	50.0	0.0	0.0250	0.0700	0.045	

**EPA 461aa**

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 Tue Nov 3rd, 2009

**Line Leak Detector Test**

**Line Leak Detector Test**

Leak Detector Number:	3	Leak Detector Number:	2
Grade:	Premium	Grade:	Regular
Dispenser Range:	1-4	Dispenser Range:	1-4
Make:	Red Jacket	Make:	Red Jacket
Model:	FX1V	Model:	FX1V
Serial #	31107 3808	Serial #	10707 3769
<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic		<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic	
Test Conducted at Dispenser #:	1/2	Test Conducted at Dispenser #:	1/2
Submersible Pump Operating Pressure (psi):	30	Submersible Pump Operating Pressure (psi):	30
Check Valve Holding Pressure (psi):	22	Check Valve Holding Pressure (psi):	22
Bleedback Check (gal):	.017	Bleedback Check (gal):	.016
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	5	Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	3
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive		Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.		Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

**Line Leak Detector Test**

Leak Detector Number:	1
Grade:	Plus
Dispenser Range:	1-4
Make:	FE-Petro
Model:	STP-MLD
Serial #	01081413
<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic	
Test Conducted at Dispenser #:	1/2
Submersible Pump	30

EPA 461bb

Operating Pressure (psi):	
Check Valve Holding Pressure (psi):	24
Bleedback Check (gal):	.013
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	4
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

EPA 461cc

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8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

<b>Cathodic Protection: Connectors</b>			
<b>Equipment #</b>	3	<b>Equipment #</b>	2
<b>Grade:</b>	Premium	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Swing Joint	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-479 mv	<b>Energized On:</b>	-499 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Result:</b>	<b>F</b>	<b>Result:</b>	<b>F</b>

EPA 461dd



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**Plymouth Meeting, PA 19462**

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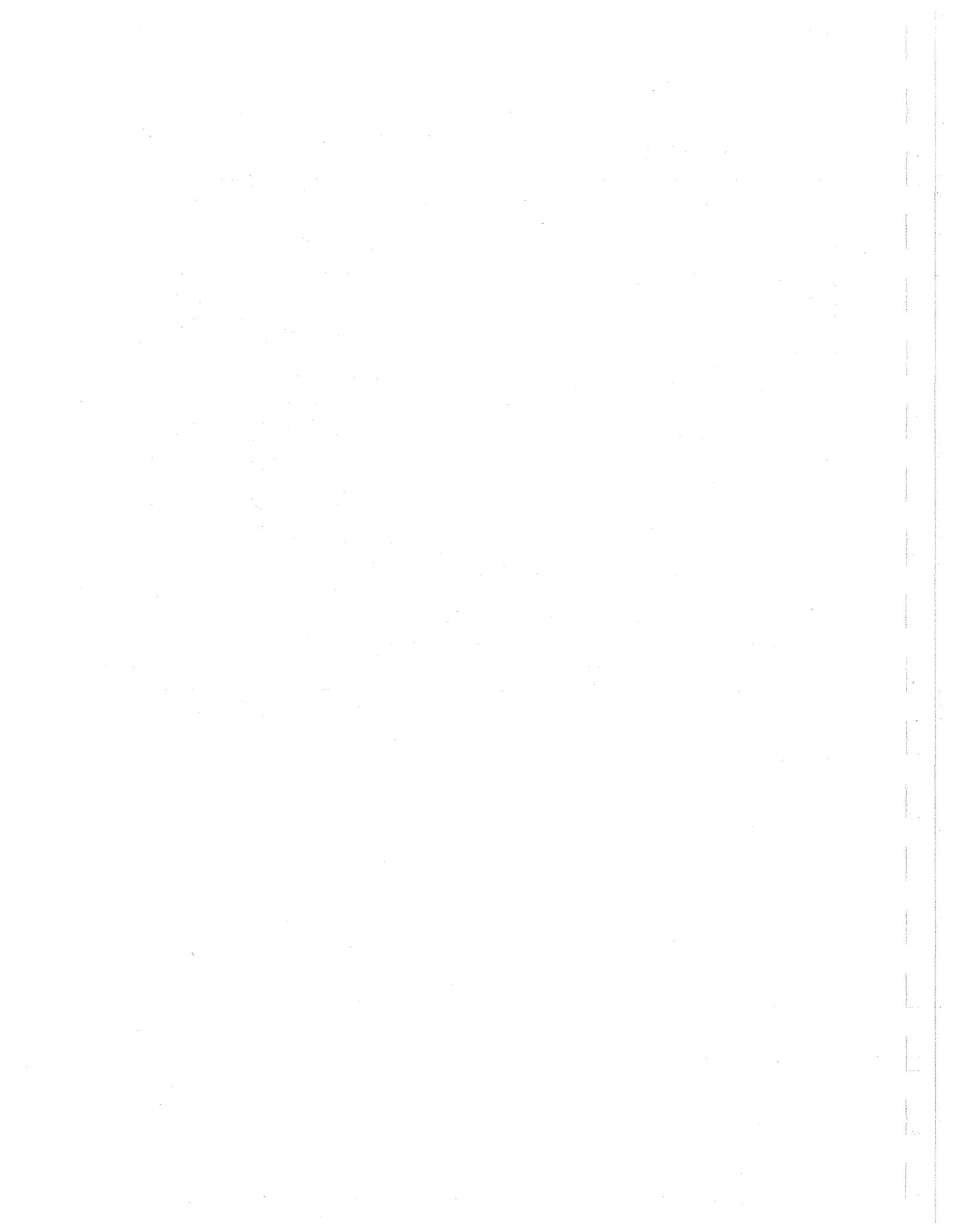
8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #223113  
 Tue Nov 3rd, 2009

<b>Cathodic Protection: Connectors</b>			
<b>Equipment #</b>	2	<b>Equipment #</b>	1
<b>Grade:</b>	Regular	<b>Grade:</b>	Plus
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-471 mv	<b>Energized On:</b>	-491 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Result:</b>	F	<b>Result:</b>	F

EPA 461ff





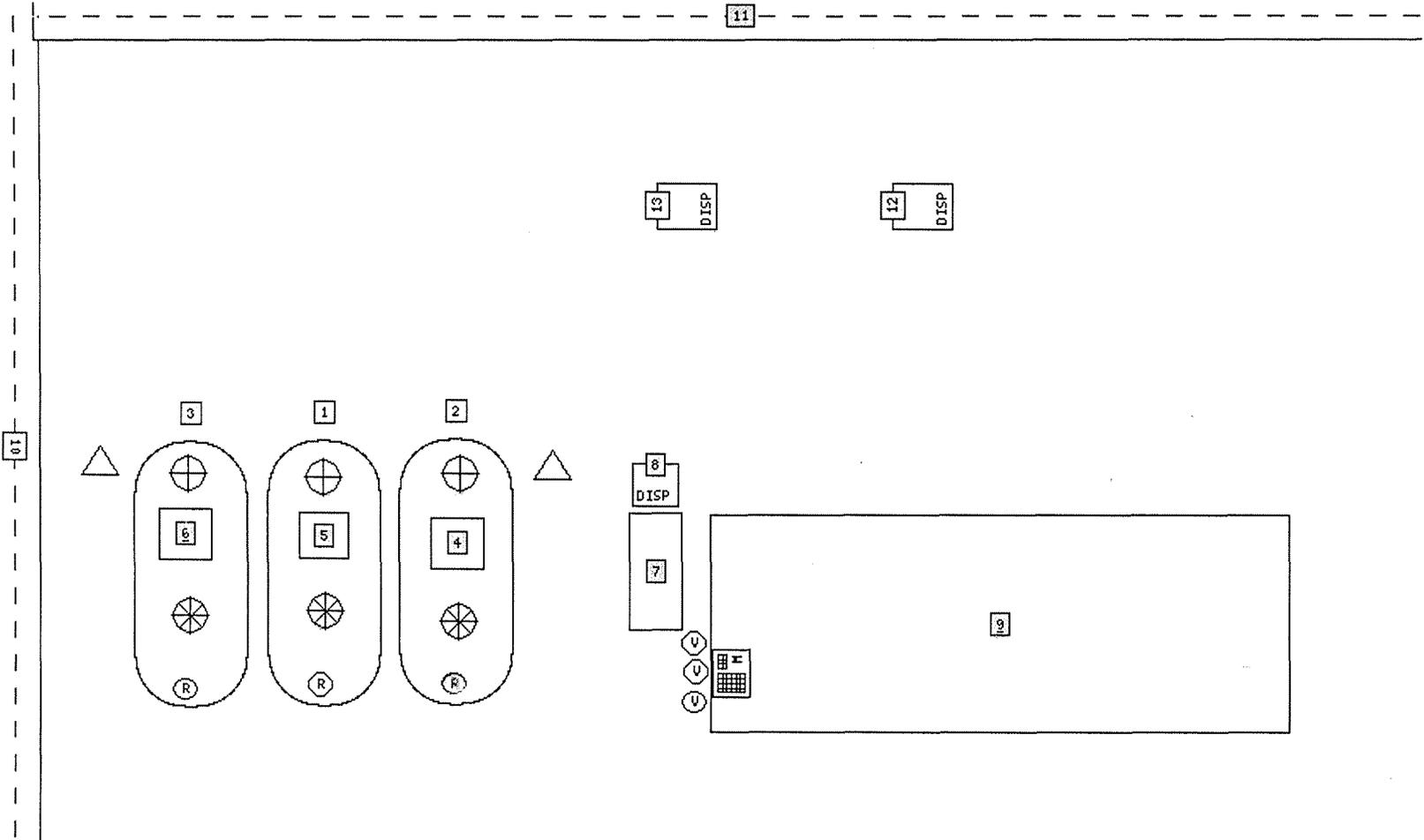




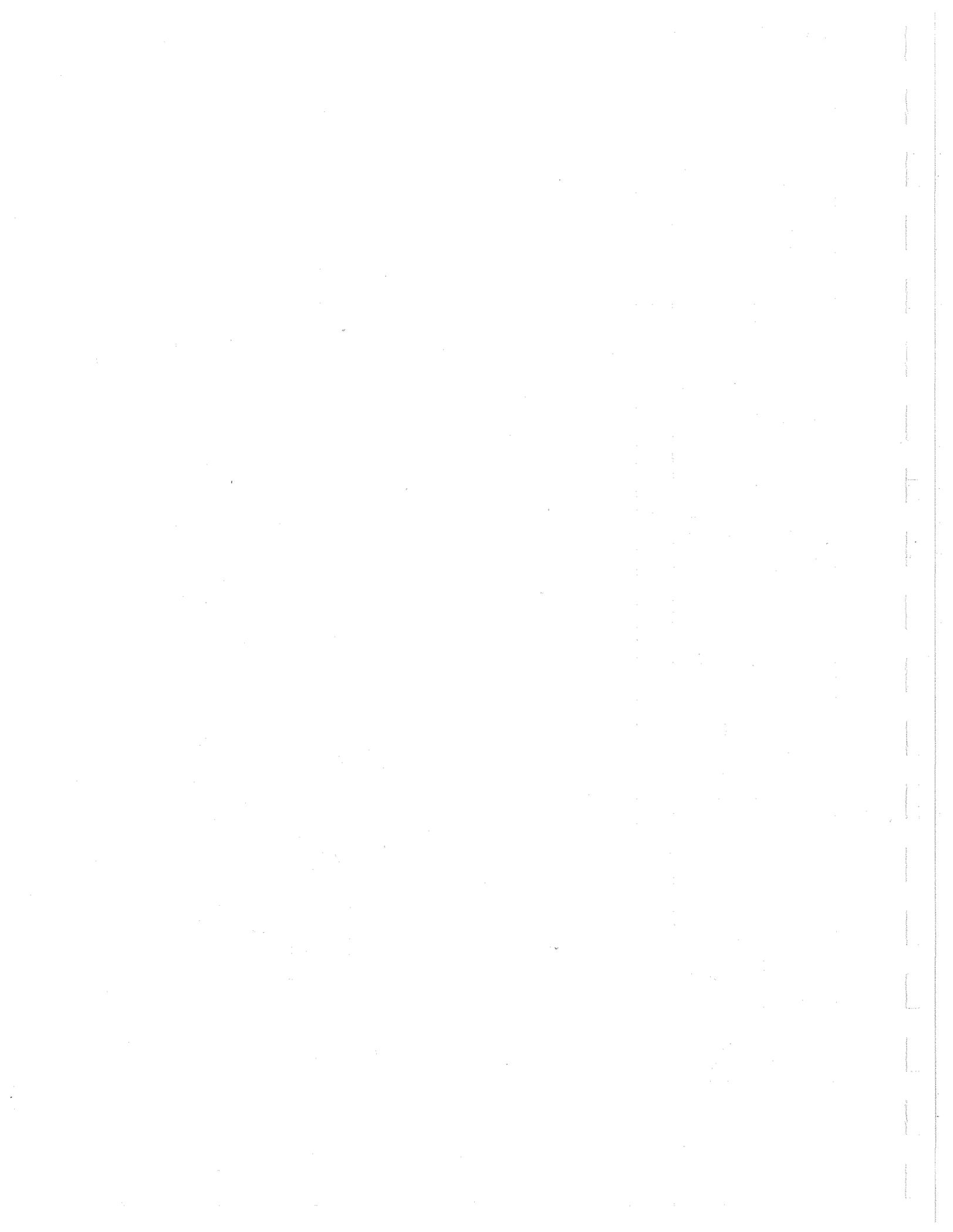
**CROMPCO**

Date: 2009-11-03  
 Work Order #: 223113  
 Location #: USP8917

Remote Fill	ATG	Road	Fixed Reference Cell	Circuit Breaker	Vent	Overfill Alarm
Dry Brake	Emergency Stop	Block	Stage 1 w/ Extractor	Interstitial	Containment Sump	Dispenser
Riser	Fill	CP Test Station	Flapper Direction	Temp Well Installed	Monitor	Rectifier
Anode	STP	Tank	Manway	Compass	Well	Drop Tank
Extractor	CP Junction Box			DW Fill	Remote Dry Brake	



EPA 461ii



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8917 S.Quay Rd. Suffolk, VA 23437  
**Facility/Agency Copy**  
Site #USP8917 / WO #223113  
Tue Nov 3rd, 2009

**Site Diagram Labels**

- 1: Tank - regular 8k
- 2: Tank - premium 8k
- 3: Tank - plus 8k
- 4: Block - stp
- 5: Block - stp
- 6: Block - stp
- 7: Block - aboveground kerosene
- 8: Dispenser - kero
- 9: Block - rt 58 food mart pure oil
- 10: Road - holy neck road
- 11: Road - south quay road (rt 58)
- 12: Dispenser - mpd 1-2
- 13: Dispenser - mpd 3-4

**EPA 461jj**

Scanned Paperwork, Page #1

VIRGINIA DEQ		CATHODIC PROTECTION SYSTEM EVALUATION FORM		7531-CP (05/06)	
<ul style="list-style-type: none"> <li>&gt; This form should be utilized to evaluate underground storage tank (UST) cathodic protection systems in the Commonwealth of Virginia</li> <li>&gt; Access to the soil directly over the cathodically protected structure that is being evaluated must be provided.</li> <li>&gt; A site drawing depicting the UST cathodic protection system and all reference electrode placements must be completed.</li> </ul>					
I. UST OWNER			II. UST FACILITY		
NAME:		NAME: RT 58 Food Mart (Coke) CO 2			
ADDRESS:		ADDRESS: Rt 17 S. Quaker			
CITY:	PHONE:	CITY:	COUNTY:	COUNTY: Stafford	
STATE:	ZIP:	STATE:	ZIP:	PHONE: 757-667-2346	
III. REASON SURVEY WAS CONDUCTED (mark only one)					
<input type="checkbox"/> Routine - 3 year <input type="checkbox"/> Routine - within 6 months of installation <input type="checkbox"/> 90-day re-survey after fail <input type="checkbox"/> Re-survey after repair/modification					
Date next cathodic protection survey must be conducted: _____ (required within 6 months of installation/repair & every 3 years thereafter)					
IV. CATHODIC PROTECTION TESTER'S EVALUATION (mark only one)					
<input type="checkbox"/> PASS		All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VI).			
<input checked="" type="checkbox"/> FAIL		One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system(s) (complete Section VII).			
TESTER'S NAME: <u>Ray Bailey</u>		SOURCE OF CERTIFICATION:			
COMPANY NAME: <u>CORROUD LLC</u>		TYPE OF CERTIFICATION:			
ADDRESS: <u>1213 Galloway Rd</u>		CERTIFICATION NUMBER:			
CITY: <u>Dumfries, VA</u>	STATE: <u>VA</u>	ZIP: <u>19462</u>	PHONE: <u>800 646 5161</u>		
CP TESTER'S SIGNATURE: <u>[Signature]</u>		DATE MOND: <u>11/3/09</u>		DATE CP SURVEY PERFORMED: <u>11/3/09</u>	
V. CORROSION EXPERT'S EVALUATION (mark only one)					
The survey must be conducted under a condition by a corrosion expert when: a) supplemental anodes or other changes in the composition of the cathodic protection system are made; b) any current may be affecting buried metallic structures or if an anomalous result was written in Section VI (except for under STI-RS72 - Recommended Practice for the Addition of Supplemental Anodes to all UST's)					
<input type="checkbox"/> PASS		All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VI).			
<input type="checkbox"/> FAIL		One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system (indicate what action is necessary by completion of Section VII).			
CORROSION EXPERT'S NAME:		SOURCE OF CERTIFICATION:			
COMPANY NAME:		TYPE OF CERTIFICATION:			
ADDRESS:		CERTIFICATION NUMBER:			
CITY:	STATE:	ZIP:	PHONE:		
CORROSION EXPERT'S SIGNATURE:		DATE:			
VI. CRITERIA APPLICABLE TO EVALUATION (mark all that apply)					
<input checked="" type="checkbox"/> -850mV ON (Instant) OFF (specify "ON" or "OFF" to specify)		Structure-to-soil potential more negative than -850 mV with respect to a Cu/CuSO <sub>4</sub> reference electrode with protective current ON (galvanic) or temporarily interrupted (Instant-OFF (Imposed)). Inconclusive? <input type="checkbox"/>			
<input type="checkbox"/> 100 mV POLARIZATION		Structure(s) exhibit at least 100 mV of cathodic polarization. Inconclusive? <input type="checkbox"/>			
VII. ACTION REQUIRED AS A RESULT OF THIS EVALUATION (mark only one)					
<input type="checkbox"/> NONE		Cathodic protection is adequate. No further action is necessary at this time. Test again by no later than (see Section VI).			
<input type="checkbox"/> RETEST		Cathodic protection may not be adequate. Retest during the next 90 days to determine if passing results can be achieved.			
<input checked="" type="checkbox"/> REPAIR & RETEST		Cathodic protection is not adequate. Repair/modification is necessary as soon as practical but within the next 90 days.			
PRODUCED BY THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY, UST PROGRAM PO BOX 10000, RICHMOND, VA 23238-0000    PHONE (804) 695-4516    FACSIMILE (804) 688-4206    www.deq.virginia.gov					

Scanned Paperwork, Page #2

### A-IV. CATHODIC PROTECTION SYSTEM SURVEY

This section may be utilized to conduct a survey of the cathodic protection system by obtaining structure-to-soil potential measurements.

**For Impressed Current (IC) systems:** The reference electrode must be placed (minimum of three locations) in the soil directly above the structure that is being tested and as far away from any auxiliary anodes as practical to obtain a valid structure-to-soil potential (refer to the VADEQ cathodic protection evaluation guidance document for detailed discussion of electrode placement).

Both "on" and "instant off" potentials must be measured for each structure that is intended to be under cathodic protection.

The "instant off" potential must be  $-850$  mV DC or more negative or the 100 mV DC polarization criterion must be satisfied in order to pass.

**For Galvanic (G) systems:** The reference electrode must be placed (minimum of three locations) with at least one local and at least one placed remotely 25-100 feet away from the structure.

Both the local and remote voltage must be  $-850$  mV DC or more negative, in order for the structure to pass.

Non-passive is indicated when both the local and remote structure-to-soil potentials do not result in the same outcome (both must "pass" or both must "fail").

As a place to record the "galvanic CP system voltage", use the "On Voltage" MVR column below, and, in cases with supplemental anodes use the "Instant Off" column.

**FACILITY NAME:** \_\_\_\_\_ **NOTE:** This survey is not complete unless all applicable parts of sections I - III are also completed.

LOCATION CODE	STRUCTURE	CONTACT POINT	REFERENCE CELL PLACEMENT	ON VOLTAGE	INSTANT OFF VOLTAGE	POLARIZATION		PASS/FAIL
						ON VOLTAGE	OFF VOLTAGE	
R11C	4.5" S.S. UST	TANK BOTTOM	SOIL @ UST TANK STR. MANWAY	-1075 mV	-875 mV			PASS
R23A	DIESEL PIPE	DISPENSER TA	SOIL @ DIESEL TANK STR. MANWAY	-815 mV	-680 mV	-575 mV	-105 mV	PASS
R23B	DIESEL PIPE	DISPENSER TB	SOIL @ DIESEL TANK STR. MANWAY	-810 mV	-720 mV	-630 mV	-80 mV	FAIL
R24G	PREM. UST	TANK BOTTOM	SOIL @ PREM. TANK STR. MANWAY	-660 mV	NA	NA	NA	PASS
R25D	PREM. UST	TANK BOTTOM	SOIL @ PREM. TANK STR. MANWAY	-290 mV	NA	NA	NA	FAIL
R25E	PREM. UST	TANK BOTTOM	SOIL @ PREM. TANK STR. MANWAY	-870 mV	-855 mV	NA	NA	PASS
	Rel. Fltr.	Dist. 12'	DISPENSER (Rel.)	-487 mV				Fail
	Pump Fltr.	Dist. 12'	DISPENSER (Pump)	-487 mV				Fail
	Rel. Fltr.	Dist. 12'	DISPENSER (Rel.)	-487 mV				Fail
	Rel. Fltr.	Dist. 12'	DISPENSER (Rel.)	-487 mV				Fail
	Dist. 245'	Dist. 12'	DISPENSER (Dist.)	-475 mV				Fail
	Pump Fltr.	Dist. 12'	DISPENSER (Pump)	-475 mV				Fail
	Pump Fltr.	STP Sump	STP Sump (Pump)	-475 mV				Fail
	Rel. Fltr.	STP Sump	STP Sump (Rel.)	-475 mV				Fail
	Rel. Fltr.	STP Sump	STP Sump (Rel.)	-475 mV				Fail

**COMMENTS:**  
No CP at this site.

Use copies of this page as needed for additional reference cell readings.

1. Designate numerically or by code on the site drawing each test reference electrode placement (e.g. R1-10, R2-3, R3-10, etc.)
2. Describe the structure that is being tested (e.g. pipe line, diesel pump, fire protection, etc.)
3. Describe where the structure being tested is contacted by the test lead (e.g. pipe line between diesel pump & firewater tank, etc.)
4. Describe the exact location where the reference electrode is placed for each measurement (e.g. soil @ regular well STP manway, soil @ dispenser 2, etc.)
5. (Applicable to all tests) Record the structure-to-soil potential (voltage) observed with the current applied (e.g. -1075 mV).
6. (Applicable to all tests) Record the structure-to-soil potential (voltage) observed with the current interrupted (e.g. -880 mV).
7. (Applicable to 100 mV polarization test only) Record the voltage observed at the end of the test period (e.g. -575 mV).
8. (Applicable to 100 mV polarization test only) Subtract the final voltage from the instant off voltage (e.g. -880 mV - -575 mV = -305 mV).
9. Indicate if the tested structure passed or failed per the test acceptance criteria (pass based on  $-750$  mV polarization based on some interpretations of data).

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PO BOX 10006, RICHMOND, VA 23210-0006 PHONE (804) 698-4010 FACSIMILE (804) 698-4758 www.doeq.virginia.gov

**CERTIFICATE OF UNDER GROUND STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

Phone: (610) 278-7203  
 Fax: (610) 278-7621

<b>Work Order #198998</b>		<b>Client Information</b>		<b>Location #USP8917</b>	
<b>Date:</b> Tue Nov 25th, 2008 <b>Reason:</b> Compliance		New Jersey Petroleum Organization ( Accounts Payable) <b>Invoice #</b> 216175 <b>Permit#</b> <b>P.O.#</b>		Rt.58 Food Mart 8917 S.Quay Rd. Suffolk, VA 23437 <b>County:</b> Stafford	
Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.					
<b>Lines</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
002 (1-4)	Regular	Petro-tite Line	Pass		
003 (1-4)	Premium	Petro-tite Line	Pass		
<b>Leak Detectors</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
002	Regular	Leak Detector	Pass		
003	Premium	Leak Detector	Pass		
<b>Cathodic Protection: Tanks</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
002	Regular	CP: Tanks	Pass		
001	Plus	CP: Tanks	Pass		
003	Premium	CP: Tanks	Pass		
<b>Cathodic Protection: Connectors/Siphon Bar</b>					
<b>Equip #</b>	<b>Location</b>	<b>Test</b>	<b>Result</b>		
2	STP - Regular	CP: Connectors	Fail		
1	STP - Plus	CP: Connectors	Fail		
3	STP - Premium	CP: Connectors	Fail		
003	Dispenser - Premium	CP: Connectors	Fail		
002	Dispenser - Regular	CP: Connectors	Fail		
001	Dispenser - Plus	CP: Connectors	Fail		
003	Dispenser - Premium	CP: Connectors	Fail		
002	Dispenser - Regular	CP: Connectors	Fail		
001	Dispenser - Plus	CP: Connectors	Fail		
<b>Additional Costs</b>					
<b>PARTS: Check Valve, Functional Element</b>					
<b>Comments</b>					
No fuel to test the plus line or leak detector. Cathodic protection failed on all flex connectors.					

**James Gallagher**  
 Petro-Tite Line Testing #PAC01051203090 (Exp:  
 12/03/2009)  
 Cathodic Protection Testing Training: CorPreTek

EPA 461mm

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
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8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #198998  
 Tue Nov 25th, 2008

**Petro Tite Line Test**

Line Number:	002						
Grade:	Regular	Net Volume Change:	0.00000 gph				
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	100 ft.	(PL X Ba) + (FC X Bb) + B = N					
Diameter:	2 in.	(100 x 0.00000) + (3 x 0.006) + 0.05 = 0.068 gals					
Testing Line Length:	100						
Dispenser Range	1-4						
Wall:	Single	Allowable (gal):	0.06800				
Pump Manufac:	Red Jacket	Measured (gal):	0.04600				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1300	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000		
1330	Started line test	0.0	60.0	0.0000	0.0440	na	
1345	Line Test Continued	60.0	60.0	0.0440	0.0440	0	
1400	Line Test Continued	60.0	60.0	0.0440	0.0440	0	
	Bleed Back	60.0	0.0	0.0440	0.0900	0.046	

**Petro Tite Line Test**

Line Number:	003						
Grade:	Premium	Net Volume Change:	0.00000 gph				
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	100 ft.	(PL X Ba) + (FC X Bb) + B = N					
Diameter:	2 in.	(100 x 0.00000) + (3 x 0.006) + 0.05 = 0.068 gals					
Testing Line Length:	100						
Dispenser Range	1-4						
Wall:	Single	Allowable (gal):	0.06800				
Pump Manufac:	Red Jacket	Measured (gal):	0.05600				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1300	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000		
1315	Line Test Continued	60.0	60.0	0.0440	0.0440	n/a	
1330	Started line test	0.0	60.0	0.0000	0.0440	0	
1345	Line Test Continued	60.0	60.0	0.0440	0.0440	0	
	Bleed Back	60.0	0.0	0.0440	0.1000	0.056	

**EPA 461nn**



**EPA 46100**

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #198998  
 Tue Nov 25th, 2008

**Petro Tite Leak Detector Test**

**Petro Tite Leak Detector Test**

Leak Detector Number:	002	Leak Detector Number:	003
Grade:	Regular	Grade:	Premium
Dispenser Range:	1-4	Dispenser Range:	1-4
Make:	FE-Petro	Make:	Red Jacket
Model:	STP-MLD	Model:	FX1V
Serial #	01081413	Serial #	31107 3808
<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic	<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic
Test Conducted at Dispenser #:	1/2	Test Conducted at Dispenser #:	1/2
Submersible Pump Operating Pressure (psi):	26	Submersible Pump Operating Pressure (psi):	26
Check Valve Holding Pressure (psi):	23	Check Valve Holding Pressure (psi):	18
Bleedback Check (gallons):	.0100	Bleedback Check (gallons):	.0110
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	4	Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	4
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive		Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.		Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

**EPA 461pp**

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8917 S.Quay Rd. **Facility/Agency Copy**  
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 Tue Nov 25th, 2008

Cathodic Protection: Tanks			
<b>Tank #</b>	002	<b>Tank #</b>	001
<b>Grade:</b>	Regular	<b>Grade:</b>	Plus
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Capacity:</b>	8000	<b>Capacity:</b>	8000
<b>Cathode Type:</b>	Sacrificial	<b>Cathode Type:</b>	Sacrificial
<b>Installation:</b>	Field Install	<b>Installation:</b>	Field Install
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Monitor riser	<b>Half Cell Location:</b>	Monitor riser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-903 mv	<b>Energized On:</b>	-893 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>	STP sump	<b>Half Cell Location:</b>	STP sump
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-915 mv	<b>Energized On:</b>	-892 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 3</b>		<b>Location 3</b>	
<b>Half Cell Location:</b>	End of tank	<b>Half Cell Location:</b>	End of tank
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-894 mv	<b>Energized On:</b>	-932 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	P	<b>Result:</b>	P

EPA 461qq



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8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #198998  
 Tue Nov 25th, 2008

Cathodic Protection: Connectors			
<b>Equipment #</b>	2	<b>Equipment #</b>	1
<b>Grade:</b>	Regular	<b>Grade:</b>	Plus
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	STP	<b>Location:</b>	STP
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	STP sump	<b>Half Cell Location:</b>	STP sump
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-565 mv	<b>Energized On:</b>	-462 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

EPA 461ss

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8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #198998  
 Tue Nov 25th, 2008

Cathodic Protection: Connectors	
<b>Equipment #</b>	3
<b>Grade:</b>	Premium
<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector
<b>Location:</b>	STP
<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None
<b>Location 1</b>	
<b>Half Cell Location:</b>	STP sump
<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-610 mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Location 2</b>	
<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>F</b>

EPA 461tt

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 Site #USP8917 / WO #198998  
 Tue Nov 25th, 2008

Cathodic Protection: Connectors			
<b>Equipment #</b>	002	<b>Equipment #</b>	001
<b>Grade:</b>	Regular	<b>Grade:</b>	Plus
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-510 mv	<b>Energized On:</b>	-434 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>F</b>	<b>Result:</b>	<b>F</b>

EPA 461uu

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8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #198998  
 Tue Nov 25th, 2008

Cathodic Protection: Connectors			
<b>Equipment #</b>	003	<b>Equipment #</b>	002
<b>Grade:</b>	Premium	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-349 mv	<b>Energized On:</b>	-345 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

EPA 461vv

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 Site #USP8917 / WO #198998  
 Tue Nov 25th, 2008

<b>Cathodic Protection: Connectors</b>	
<b>Equipment #</b>	001
<b>Grade:</b>	Plus
<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None
<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-340 mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Location 2</b>	
<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F

EPA 461ww



**EPA 461xx**

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Rt.58 Food Mart** 8917 S.Quay Rd.  
**Phone:** (610) 278-7203 Suffolk, VA 23437  
**FAX:** 610-278-7621

**Facility/Agency Copy**  
Site #USP8917 / WO #198998  
Tue Nov 25th, 2008

**Site Diagram Labels**

- 1: Tank - premium 8k
- 2: Tank - plus 8k
- 3: Tank - regular 8k
- 4: Block - stp
- 5: Block - stp
- 6: Block - stp
- 7: Block - aboveground kerosene
- 8: Dispenser - kero
- 9: Block - rt 58 food mart pure oil
- 10: Road - holy neck road
- 11: Road - south quay road (rt 58)
- 12: Dispenser - mpd 1-2
- 13: Dispenser - mpd 3-4

**EPA 461yy**

Scanned Paperwork, Page #1



5 hr travel

1815 Gallagher Road | Plymouth Meeting, PA 19462 | (610) 278-7203 | FAX 278-7621

CROMPCO CORPORATION WORK VERIFICATION DATE 11/27/08

STATION NUMBER 1157 8917 WORK ORDER NUMBER 158998

ADDRESS Rt 58 Food Mart  
8917 S Quay Rd  
Suffolk VA 23457  
757-687-2366

ARRIVAL TIME 1130 DEPARTURE TIME 1530 TOTAL HOURS ON SITE 4

WORK PERFORMED Lines - CP - CP  
no Plus Fuel - Plus Line + LD not tested

TOTAL ADDITIONAL LABOR HOURS \_\_\_\_\_

PARTS REPLACED 1 Functional Element 1 Check valve spring

DISPENSER NUMBER AND PRODUCT IF NOZZLES REPLACED  
\_\_\_\_\_  
\_\_\_\_\_

TOTAL GALLONS DISPENSED PER PRODUCT PER DISPENSER  
All Put Back into Tanks

TOTAL DOLLARS DISPENSED PER PRODUCT PER DISPENSER  
\_\_\_\_\_  
\_\_\_\_\_

DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT  
\_\_\_\_\_  
\_\_\_\_\_

DEALER OR MANAGER SIGNATURE [Signature]

UNDERGROUND TANK & LINE TESTING

2

EPA 461zz

Scanned Paperwork, Page #2

VIRGINIA DEQ		<b>CATHODIC PROTECTION SYSTEM EVALUATION FORM</b>		7531-CF (05/06)
> This form should be utilized to evaluate underground storage tank (UST) cathodic protection systems in the Commonwealth of Virginia. > Access to the soil directly over the cathodically protected structure that is being evaluated must be provided. > A site drawing depicting the UST cathodic protection system and all reference electrode placements must be completed.				
<b>I. UST OWNER</b>		<b>II. UST FACILITY</b>		
NAME:	NAME: <i>Rt 58 Food Mart</i>		ID #:	
ADDRESS:	ADDRESS: <i>8917 3 Quay Rd</i>			
CITY:	PHONE:	CITY: <i>Suffolk</i>	COUNTY:	
STATE:	ZIP:	STATE: <i>VA</i>	ZIP: <i>23137</i>	PHONE: <i>757-637-2366</i>
<b>III. REASON SURVEY WAS CONDUCTED (mark only one)</b>				
<input checked="" type="checkbox"/> Routine - 3 year <input type="checkbox"/> Routine - within 6 months of installation <input type="checkbox"/> 90-day re-survey after fail <input type="checkbox"/> Re-survey after repair/modification				
Date next cathodic protection survey must be conducted: _____ (Required within 6 months of installation/repair & every 3 years thereafter)				
<b>IV. CATHODIC PROTECTION TESTER'S EVALUATION (mark only one)</b>				
<input type="checkbox"/> <b>PASS</b> All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (describe all criteria applicable by completion of Section VI).				
<input checked="" type="checkbox"/> <b>FAIL</b> One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system(s) (complete Section VI).				
TESTER'S NAME: <i>James Callahan</i>		SOURCE OF CERTIFICATION: <i>CorProtek</i>		
COMPANY NAME: <i>CorProtek Corp</i>		TYPE OF CERTIFICATION: <i>Tester</i>		
ADDRESS: <i>1915 Callahan Rd</i>		CERTIFICATION NUMBER:		
CITY: <i>Plymouth Market</i>	STATE: <i>PA</i>	ZIP: <i>17062</i>	PHONE: <i>412-275-7203</i>	
CP TESTER'S SIGNATURE:		DATE SIGNED:	DATE OF SURVEY PERFORMED:	
<b>V. CORROSION EXPERT'S EVALUATION (mark only one)</b>				
The survey must be conducted and/or evaluated by a corrosion expert when: a) experimental evidence or other changes in the construction of the cathodic protection system are made; b) stray current may be affecting buried metallic structures; or c) an inconclusive result was written in Section IV. (Adapted for Section 311 R672 - "Recommended Practice for the Addition of Supplemental Anodes to all UST's")				
<input type="checkbox"/> <b>PASS</b> All protected structures of this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (describe all criteria applicable by completion of Section VI).				
<input type="checkbox"/> <b>FAIL</b> One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system (indicate what action is necessary by completion of Section VI).				
CORROSION EXPERT'S NAME:		SOURCE OF CERTIFICATION:		
COMPANY NAME:		TYPE OF CERTIFICATION:		
ADDRESS:		CERTIFICATION NUMBER:		
CITY:	STATE:	ZIP:	PHONE:	
CORROSION EXPERT'S SIGNATURE:		DATE:		
<b>VI. CRITERIA APPLICABLE TO EVALUATION (mark all that apply)</b>				
<input checked="" type="checkbox"/>	-850mV ON / (instant) OFF (circle "ON" or "OFF" to specify)	Structure-to-soil potential more negative than -850 mV with respect to a Cu/CuSO <sub>4</sub> reference electrode with protective current ON (galvanic) or temporarily interrupted current OFF (impressed). Inconclusive? <input type="checkbox"/>		
<input type="checkbox"/>	100 mV POLARIZATION	Structure(s) exhibit at least 100 mV of cathodic polarization. Inconclusive? <input type="checkbox"/>		
<b>VII. ACTION REQUIRED AS A RESULT OF THIS EVALUATION (mark only one)</b>				
<input type="checkbox"/>	NONE	Cathodic protection is adequate. No further action is necessary at this time. Test again by no later than (see Section V).		
<input type="checkbox"/>	RETEST	Cathodic protection may not be adequate. Retest during the next 90 days to determine if passing results can be achieved.		
<input checked="" type="checkbox"/>	REPAIR & RETEST	Cathodic protection is not adequate. Repair/modification is necessary as soon as practical but within the next 90 days.		
PRODUCED BY THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY, UST PROGRAM PHONE: (804) 725-7000 FAX: (804) 725-7000 ADDRESS: 1111 W. MAIN ST.				

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VIII. DESCRIPTION OF LIST SYSTEM					
TANK	PRODUCT	CAPACITY	TANK MATERIAL	PIPING MATERIAL	FLEX CONNECTORS
1	Resinate	8000	SP3	FRP	Steel
2	Plus	8000	SP3	FRP	Steel
3	Pravun	8000	SP3	FRP	Steel
4					
5					
6					
7					
8					
9					
10					

**IX. IMPRESSED CURRENT RECTIFIER DATA (complete all applicable)**

In order to conduct an effective evaluation of the cathodic protection system, a complete evaluation of rectifier operation is necessary.

RECTIFIER MANUFACTURER: \_\_\_\_\_ RATED DC OUTPUT: \_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

RECTIFIER MODEL: \_\_\_\_\_ RECTIFIER SERIAL NUMBER: \_\_\_\_\_

RECTIFIER OUTPUT AS INITIALLY DESIGNED OR LASTLY RECOMMENDED (if available): \_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

EVENT	DATE	TAP SETTINGS		DC OUTPUT		HOUR METER	COMMENTS
		COARSE	FINE	VOLTS	AMPS		
"AS FOUND"							
"AS LEFT"							

**X. IMPRESSED CURRENT POSITIVE & NEGATIVE CIRCUIT MEASUREMENTS (complete all applicable)**

Complete if the system is designed to allow such measurements (i.e. individual lead wires for each anode are installed and measurement shunts are present).

CIRCUIT	1	2	3	4	5	6	7	8	9	10	TOTAL AMPS
ANODE (+)											
TANK (-)											

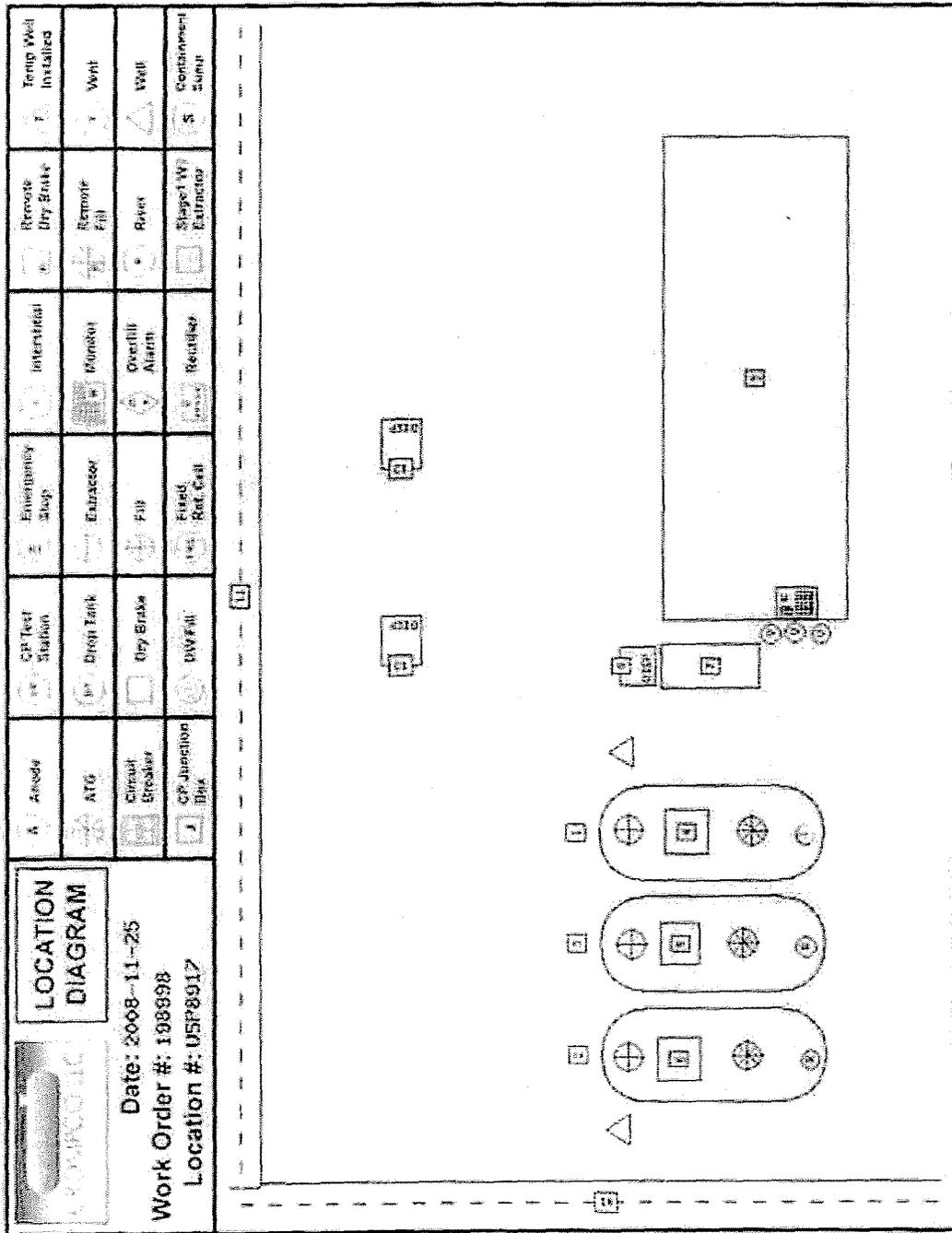
**XI. DESCRIPTION OF CATHODIC PROTECTION SYSTEM REPAIRS AND/OR MODIFICATION**

Complete if any repairs or modifications to the cathodic protection system are made OR are necessary. Detail repair/modifications as explained in the text of the VACEQ cathodic protection guidance documents are required to be designed and/or evaluated by a corrosion expert (completion of Section II required).

- Additional anodes for an impressed current system (attach corrosion expert's design).
- Supplemental anodes for a G/I-PC system (attach corrosion expert's design or documentation industry standard was followed).
- Repair or replacement of rectifier (explain in "Remarks/Other" below).
- Anode header cables repaired and/or replaced (explain in "Remarks/Other" below).
- Impressed current protected tanks/pipes not electrically continuous (explain in "Remarks/Other" below).
- Galvanically protected tanks/pipes NOT electrically isolated (explain in "Remarks/Other" below).

Remarks/Other: \_\_\_\_\_

Scanned Paperwork, Page #4



EPA 461ccc

**Scanned Paperwork, Page #5**

**Crompco, LLC**  
1815 Gallagher Road  
Plymouth Meeting, PA 19462

**Rt.58 Food Mart**  
Phone: (610) 278-7203  
FAX: 610-278-7621

8917 S Quay Rd.  
Suffolk, VA 23437

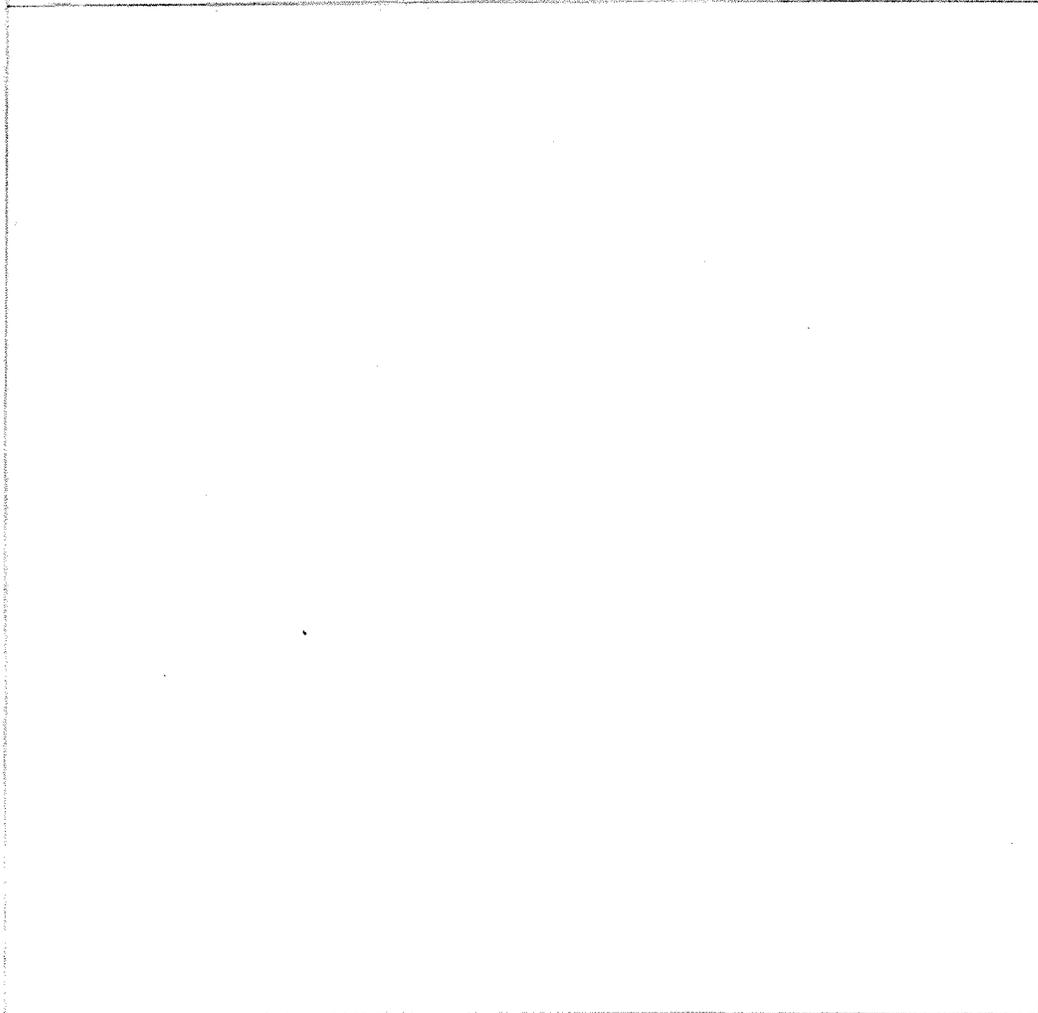
**Customer Copy**  
Site # USP8917 / WO # 198998  
Issued Nov 25th, 2008

Site Diagram Labels

- 1: Tank - premium 8k
- 2: Tank - plus 8k
- 3: Tank - regular 8k
- 4: Block - stp
- 5: Block - stp
- 6: Block - stp
- 7: Block - aboveground kerosene
- 8: Dispenser - kero
- 9: Block - rt 58 food mart pure oil
- 10: Road - holy neck road
- 11: Road - south quay road (rt 58)
- 12: Dispenser - mod 1-2
- 13: Dispenser - mod 3-4

EPA 461ddd

**Scanned Paperwork, Page #6**

<b>XII. UST FACILITY SITE DRAWING</b>
<p>Attach detailed drawing of the UST and cathodic protection systems. Sufficient detail must be given in order to clearly indicate where the reference electrode was placed for each structure-to-soil potential thus is recorded on the survey forms. Any pertinent data must also be included. At a minimum indicate the following: all tanks, piping and dispensers; all buildings and streets; all anodes and wires; location of CP test stations; and, each reference electrode placement must be indicated by a code followed by a "IC" or "C" to indicate the type of CP system (e.g., R1-IC, R2-CI, etc.) corresponding with the appropriate line number in Section XIV of this form. (Note, CP test stations (PP4) may be questionable for use as described in Section 6.1.3.)</p>
<p><b>AN EVALUATION OF THE CATHODIC PROTECTION SYSTEM IS NOT COMPLETE WITHOUT AN ACCEPTABLE SITE DRAWING.</b></p>

<p>PREPARED BY THE ENVIRONMENTAL DIVISION OF THE DEPARTMENT OF ENVIRONMENTAL QUALITY, 101 N. MICHIGAN FLOOR, LANSING, MICHIGAN 48201-1200. PHONE: (313) 236-2222. FAX: (313) 236-2222.</p>









**IMPORTANT LEGAL DOCUMENTS**

January 5th, 2009

Rt.58 Food Mart #USP8917  
8917 S.Quay Rd.  
Suffolk, VA 23437

Re:  
2008 Compliance Test Results  
Crompco Work Order #198998  
Test Performed on Tue Nov 25th, 2008

Dear Manager (Facility #USP8917):

Enclosed are the 2008 Compliance Test Results for testing performed by Crompco. These test results are **important legal documents** that are required to be retained at your facility in the "Environmental Compliance Binder" in case an inspection would occur by a state or local agency. Upon receipt, please put the results in the binder as requested.

The 2008 compliance tests performed at your facility are indicated below. For specific testing detail, please refer to the enclosed test report.

	Tank(s)
X	Line(s) and/or Leak Detector(s)
X	Cathodic Protection
	Monitor Inspection
	Vapor Recovery
	Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Crompco at 1-800-646-3161.

Sincerely,

Francyne Klein  
Compliance Administrator

EPA 461iii

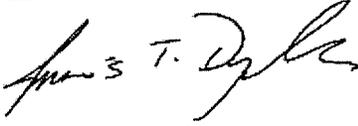
**CERTIFICATE OF UNDERGROUND STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

Phone: (610) 278-7203  
 Fax: (610) 278-7621

<b>Work Order #190979</b>		<b>Client Information</b>		<b>Station #USP8917</b>	
<b>Date:</b> December 6th, 2007 <b>Reason:</b> Compliance		New Jersey Petroleum Organization ( Accounts Payable) <b>Invoice #</b> 187011 <b>Permit#</b> <b>P.O.#</b>		USP-NJPO 8917 S.Quay Rd. Suffolk, VA 23437 <b>County:</b> Stafford	
Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.					
<b>Lines</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
1	Plus	Petro-tite Line	Pass		
2	Regular	Petro-tite Line	Pass		
3	Premium	Petro-tite Line	Pass		
<b>Leak Detectors</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
3	Premium	Leak Detector	Pass		
2	Regular	Leak Detector	Pass		
1	Plus	Leak Detector	Pass		
<b>Cathodic Protection: Tanks</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
3	Premium	CP: Tanks	Pass		
2	Regular	CP: Tanks	Pass		
1	Plus	CP: Tanks	Pass		
<b>Cathodic Protection: Connectors/Siphon Bar</b>					
<b>Equip #</b>	<b>Location</b>	<b>Test</b>	<b>Result</b>		
1	STP - Plus	CP: Connectors	Fail		
2	STP - Regular	CP: Connectors	Fail		
3	STP - Premium	CP: Connectors	Fail		
1	Dispenser - Plus	CP: Connectors	Fail		
2	Dispenser - Regular	CP: Connectors	Fail		
3	Dispenser - Premium	CP: Connectors	Fail		
1	Dispenser - Plus	CP: Connectors	Fail		
2	Dispenser - Regular	CP: Connectors	Fail		
3	Dispenser - Premium	CP: Connectors	Fail		
<b>Additional Costs</b>					
<b>PARTS: Leak Detector (2)</b>					
<b>Comments</b>					
Cathodic protection failed on all flex connectors. No cathodic protection installed.					

  
**Francis Dryslowski**  
 Petro-Tite Line Testing #PAC01211203090 (Exp:  
 12/03/2009)

EPA 461jjj

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**

**Phone:** (610) 278-7203  
**FAX:** 610-278-7621

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #190979  
 December 6th, 2007

**Petro Tite Line Test**

Line Number: 1  
 Grade: Plus  
 Material: Fiberglass  
 Length: 100 ft.  
 Diameter: 2 in.  
 Wall: Single  
 Pump Manufac: Red Jacket

Test Pressure: 50.00 psi  
 Net Volume Change: 0.00000 gph  
*Bleedback*  
 Allowable (gal): 0.06800  
 Measured (gal): 0.02700

Type of System:  American Suction  
 Pressure

Result:  Pass  
 Fail  
 Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1415	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1430	Pressurized line to at or above TEST PRESSURE for 1 hour pretest	0.0	60.0	0.0000	0.0000	0.0000	
1530	Started line test	0.0	50.0	0.0000	0.0330	0.0000	
1545	Line Test Continued	50.0	50.0	0.0330	0.0330	0.0000	
1600	Line Test Continued	50.0	50.0	0.0330	0.0330	0.0000	
	Bleed Back	50.0	0.0	0.0330	0.0600	0.0270	

**Petro Tite Line Test**

Line Number: 2  
 Grade: Regular  
 Material: Fiberglass  
 Length: 100 ft.  
 Diameter: 2 in.  
 Wall: Single  
 Pump Manufac: Red Jacket

Test Pressure: 50.00 psi  
 Net Volume Change: 0.00000 gph  
*Bleedback*  
 Allowable (gal): 0.06800  
 Measured (gal): 0.02500

Type of System:  American Suction  
 Pressure

Result:  Pass  
 Fail  
 Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1415	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1430	Pressurized line to at or above TEST PRESSURE for 1 hour pretest	0.0	60.0	0.0000	0.0000	0.0000	
1530	Started line test	0.0	50.0	0.0000	0.0210	0.0000	
1545	Line Test Continued	50.0	50.0	0.0210	0.0210	0.0000	
1600	Line Test Continued	50.0	50.0	0.0210	0.0210	0.0000	
	Bleed Back	50.0	0.0	0.0210	0.0460	0.0250	

EPA 461kkk

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone:** (610) 278-7203  
**FAX:** 610-278-7621

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #190979  
 December 6th, 2007

**Petro Tite Line Test**

Line Number: 3  
 Grade: Premium  
 Material: Fiberglass  
 Length: 100 ft.  
 Diameter: 2 in.  
 Wall: Single  
 Pump Manufac: Red Jacket

Test Pressure: 50.00 psi  
 Net Volume Change: 0.00000 gph  
*Bleedback*  
 Allowable (gal): 0.06800  
 Measured (gal): 0.02600

Type of System:  American Suction  
 Pressure

Result:  Pass  
 Fail  
 Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1415	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1430	Pressurized line to at or above TEST PRESSURE for 1 hour pretest	0.0	60.0	0.0000	0.0000	0.0000	
1530	Started line test	0.0	50.0	0.0000	0.0420	0.0000	
1545	Line Test Continued	50.0	50.0	0.0420	0.0420	0.0000	
1600	Line Test Continued	50.0	50.0	0.0420	0.0420	0.0000	
	Bleed Back	50.0	0.0	0.0420	0.0680	0.0260	

EPA 461III

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**

**Phone:** (610) 278-7203  
**FAX:** 610-278-7621

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #190979  
 December 6th, 2007

**Petro Tite Leak Detector Test**

**Petro Tite Leak Detector Test**

Leak Detector Number:	3	Leak Detector Number:	2
Grade:	Premium	Grade:	Regular
Make:	Red Jacket	Make:	FE-Petro
Model:	DLD	Model:	STP-MLD
Serial #	50988 ????	Serial #	01081413
<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic	<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic
Test Conducted at Dispenser #:	1-2	Test Conducted at Dispenser #:	1-2
Submersible Pump Operating Pressure (psi):	26	Submersible Pump Operating Pressure (psi):	24
Check Valve Holding Pressure (psi):	18	Check Valve Holding Pressure (psi):	22
Bleedback Check (gallons):	.0180	Bleedback Check (gallons):	.0340
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	0	Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	4
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input type="checkbox"/> Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/> Inconclusive		Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
<b>Retest</b>		Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	
Make:	Red Jacket		
Model:	FX1V		
Serial #	31107 3808		
<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic		
Test Conducted at Dispenser #:	1-2		
Submersible Pump Operating Pressure (psi):	26		
Check Valve Holding Pressure (psi):	18		
Bleedback Check (gallons):	.0180		

**EPA 461mm**

Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	8
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

**Petro Tite Leak Detector Test**

Leak Detector Number:	1
Grade:	Plus
Make:	Red Jacket
Model:	DLD
Serial #	50988 ????
<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic
Test Conducted at Dispenser #:	1-2
Submersible Pump Operating Pressure (psi):	25
Check Valve Holding Pressure (psi):	17
Bleedback Check (gallons):	.0170
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	0
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Result: <input type="checkbox"/> Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	

EPA 461mm

<b>Retest</b>	
Make:	Red Jacket
Model:	FX1V
Serial #	10707 3769
<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic
Test Conducted at Dispenser #:	1-2
Submersible Pump Operating Pressure (psi):	25
Check Valve Holding Pressure (psi):	17
Bleedback Check (gallons):	.0170
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	12
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

EPA461000

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #190979  
 December 6th, 2007

Cathodic Protection: Tanks			
<b>Tank #</b>	3	<b>Tank #</b>	2
<b>Grade:</b>	Premium	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Capacity:</b>	8000	<b>Capacity:</b>	8000
<b>Cathode Type:</b>	Sacrificial	<b>Cathode Type:</b>	Sacrificial
<b>Installation:</b>	Manufacturer Install	<b>Installation:</b>	Manufacturer Install
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	STP sump	<b>Half Cell Location:</b>	STP sump
<b>Half Cell Location Equipment Number (optional):</b>	3	<b>Half Cell Location Equipment Number (optional):</b>	2
<b>Energized On:</b>	-958 mv	<b>Energized On:</b>	-990 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>	Extractor riser	<b>Half Cell Location:</b>	Extractor riser
<b>Half Cell Location Equipment Number (optional):</b>	3	<b>Half Cell Location Equipment Number (optional):</b>	2
<b>Energized On:</b>	-918 mv	<b>Energized On:</b>	-978 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 3</b>		<b>Location 3</b>	
<b>Half Cell Location:</b>	End of tank	<b>Half Cell Location:</b>	End of tank
<b>Half Cell Location Equipment Number (optional):</b>	3	<b>Half Cell Location Equipment Number (optional):</b>	2
<b>Energized On:</b>	-954 mv	<b>Energized On:</b>	-993 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	P	<b>Result:</b>	P

EPA 461ppp

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone:** (610) 278-7203  
**FAX:** 610-278-7621

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #190979  
 December 6th, 2007

<b>Cathodic Protection: Tanks</b>	
<b>Tank #</b>	1
<b>Grade:</b>	Plus
<b>Material:</b>	Steel
<b>Capacity:</b>	8000
<b>Cathode Type:</b>	Sacrificial
<b>Installation:</b>	Manufacturer Install
<b>Location 1</b>	
<b>Half Cell Location:</b>	STP sump
<b>Half Cell Location Equipment Number (optional):</b>	1
<b>Energized On:</b>	-980 mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Location 2</b>	
<b>Half Cell Location:</b>	Extractor riser
<b>Half Cell Location Equipment Number (optional):</b>	1
<b>Energized On:</b>	-977 mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Location 3</b>	
<b>Half Cell Location:</b>	End of tank
<b>Half Cell Location Equipment Number (optional):</b>	1
<b>Energized On:</b>	-928 mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>P</b>

EPA 461qqq

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #190979  
 December 6th, 2007

<b>Cathodic Protection: Connectors</b>			
<b>Equipment #</b>	1	<b>Equipment #</b>	2
<b>Grade:</b>	Plus	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	STP	<b>Location:</b>	STP
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	STP sump	<b>Half Cell Location:</b>	STP sump
<b>Half Cell Location Equipment Number (optional):</b>	1	<b>Half Cell Location Equipment Number (optional):</b>	2
<b>Energized On:</b>	-398 mv	<b>Energized On:</b>	-466 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

EPA 461rrr

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**

**Phone:** (610) 278-7203  
**FAX:** 610-278-7621

8917 S.Quay Rd.  
 Suffolk, VA 23437

**Facility/Agency Copy**  
 Site #USP8917 / WO #190979  
 December 6th, 2007

Cathodic Protection: Connectors			
<b>Equipment #</b>	3	<b>Equipment #</b>	1
<b>Grade:</b>	Premium	<b>Grade:</b>	Plus
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	STP	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	STP sump	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>	3	<b>Half Cell Location Equipment Number (optional):</b>	1
<b>Energized On:</b>	-411 mv	<b>Energized On:</b>	-489 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>F</b>	<b>Result:</b>	<b>F</b>

EPA 461sss

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #190979  
 December 6th, 2007

Cathodic Protection: Connectors			
<b>Equipment #</b>	2	<b>Equipment #</b>	3
<b>Grade:</b>	Regular	<b>Grade:</b>	Premium
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>	2	<b>Half Cell Location Equipment Number (optional):</b>	3
<b>Energized On:</b>	-476 mv	<b>Energized On:</b>	-478 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

EPA 461ttt

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**

**Phone:** (610) 278-7203  
**FAX:** 610-278-7621

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #190979  
 December 6th, 2007

<b>Cathodic Protection: Connectors</b>			
<b>Equipment # 1</b>		<b>Equipment # 2</b>	
<b>Grade:</b>	Plus	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>	1	<b>Half Cell Location Equipment Number (optional):</b>	2
<b>Energized On:</b>	-412 mv	<b>Energized On:</b>	-417 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>F</b>	<b>Result:</b>	<b>F</b>

EPA 461uuu

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

8917 S.Quay Rd. **Facility/Agency Copy**  
 Suffolk, VA 23437 Site #USP8917 / WO #190979  
 December 6th, 2007

<b>Cathodic Protection: Connectors</b>	
<b>Equipment #</b>	3
<b>Grade:</b>	Premium
<b>Material:</b>	Steel
<b>Type:</b>	Swing Joint
<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None
<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>	3
<b>Energized On:</b>	-415 mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Location 2</b>	
<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>F</b>

EPA 461vvv



**EPA 461www**

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone:** (610) 278-7203  
**FAX:** 610-278-7621

8917 S.Quay Rd. **Facility/Agency Copy**  
Suffolk, VA 23437 Site #USP8917 / WO #190979  
December 6th, 2007

**Site Diagram Labels**

- 1: Tank - plus 8k
- 2: Tank - regular 8k
- 3: Tank - premium 8k
- 4: Block - rt 58 food mart pure oil
- 5: Road - holy neck road
- 6: Road - south quay road (rt 58)
- 7: Dispenser - mpd 1-2
- 8: Dispenser - mpd 3-4
- 9: Block - stp
- 10: Block - stp
- 11: Block - stp
- 12: Block - aboveground kerosene
- 13: Dispenser - kero

**EPA 461xxx**

Scanned Paperwork, Page #1

CROMPCO			
1815 Gallogher Road   Plymouth Meeting, PA 19462   (610) 278-7203   FAX (610) 278-7621			
WWW.CROMPCO.COM		GENERAL STATION INFORMATION	WORK VERIFICATION
TEST DATE	12-6-07	WORK ORDER #	190979
ARRIVAL TIME	1330	SITE NUMBER	USP 8917
DEPARTURE TIME	1700	SITE NAME	RTS Fuel Mt (Pine)
TOTAL HRS ON SITE	3.5	SITE ADDRESS	8917 S Pine Road
ADDL LABOR HRS			Sublet, VA 23437
WORK PERFORMED			
TEST All Lines, LGS + Cathodic Protection			
PARTS REPLACED			
(2) Fuel Valve Solenoids (529)			
ADDITIONAL INFORMATION			
DISPENSER # AND PRODUCT IF NOZZLES REPLACED			
TOTAL \$ DISPENSED PER PRODUCT PER DISPENSER			
DISPENSER MISC/FUEL POINT LOCK OUT/ TAG OUT			
TOTAL GAL'S DISPENSED PER PRODUCT PER DISPENSER			
COMMENTS			
SAFETY OSHA REQUIREMENTS			
<input checked="" type="checkbox"/> SAFETY VEST	<input checked="" type="checkbox"/> GLOVES	<input checked="" type="checkbox"/> SAFETY GLASSES/GOOGLES	<input type="checkbox"/> OTHER
<input type="checkbox"/> PROTECTIVE CLOTHING	<input type="checkbox"/> HEARING PROTECTION	<input type="checkbox"/> RESPIRATOR	
<input checked="" type="checkbox"/> BOOTS	<input type="checkbox"/> WELDING PPE	<input type="checkbox"/> HARD HAT	
CHECK APPLICABLE ITEM(S) BELOW PER OSHA REQUIREMENTS			
<input type="checkbox"/> ABOVE GROUND WORK & LADDER USAGE	Use fall protection on walking surfaces 6 feet or more above the ground. Use correct sized ladder/step stool for climbing that is in good condition and sturdy.		
<input checked="" type="checkbox"/> BARRIERS & WARNING SIGNS	Use barriers & safety cones to warn others of work activity and potential hazards.		
<input type="checkbox"/> CONFINED SPACE ENTRY	Use written confined space Entry Program & permit in accordance with OSHA regulations.		
<input type="checkbox"/> EXCAVATION & TRENCHING	Identify location of underground pipelines, wiring & utilities prior to start of work. Use appropriate shoring & follow confined space procedures when required.		
<input type="checkbox"/> LOCKOUT/TAGOUT PROCEDURES	Identify components in circuit breaker, trip breaker & place LOTO prior to start of work.		
GENERAL SITE SAFETY RULES			
<ol style="list-style-type: none"> <li>Safety vest must be worn at all times.</li> <li>Wear other personal protective equipment req'd by the job task. Use barricades, vehicles, &amp; orange safety cones when working outdoors.</li> <li>Use correct ladder/step stool for climbing. Ladder to be in good condition, used properly (extended 3 ft beyond roof line &amp; tied off or properly secured).</li> <li>Smoking is NOT permitted anywhere on the work site AT ANY TIME.</li> <li>Drug and alcohol use is prohibited. Contractors under the influence of alcohol and drugs will not be allowed to work.</li> <li>Have appropriate fire extinguishers and first aid kit available for use on vehicle.</li> <li>Report ALL safety incidents &amp; near misses not injuries, vehicle accidents, property damage, fires, spills, and potential safety hazards to store &amp; insure.</li> </ol>			
DEALER OR MANAGER NAME (PRINT) <b>EKAN ARKLAN</b>		SIGNATURE <i>Ekan Arklan</i>	

EPA 461yyy



**IMPORTANT LEGAL DOCUMENTS**

December 14th, 2007

Rt.58 Food Mart #USP8917  
8917 S.Quay Rd.  
Suffolk, VA 23437

Re:  
2007 Compliance Test Results  
Crompco Work Order #190979  
Test Performed on December 6th, 2007

Dear Station Manager (Facility #USP8917):

Enclosed are the 2007 Compliance Test Results for testing performed by Crompco for USP-NJPO. These test results are **important legal documents** that are required to be retained at your facility in the "Environmental Compliance Binder" in case an inspection would occur by a state or local agency. Upon receipt, please put the results in the binder as requested by USP-NJPO.

The 2007 compliance tests performed at your facility are indicated below. For specific testing detail, please refer to the enclosed test report.

	Tank(s)
X	Line(s) and/or Leak Detector(s)
X	Cathodic Protection
	Monitor Inspection
	Vapor Recovery
	Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Jennifer Foster or Sue Hickey of Crompco at 1-800-646-3161.

Sincerely,

Jennifer Foster  
Compliance Administrator

EPA 461zzz



# Certificate of Insurance



EPA 461aaaa





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

7/28/2011

PRODUCER (631)273-4242 FAX: (631)273-8990  
National Insurance Brokerage of NY Inc.  
175 Oval Drive

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

Islandia NY 11749

INSURERS AFFORDING COVERAGE

NAIC #

INSURED

INSURER A: Zurich North America

INSURER B:

INSURER C:

INSURER D:

INSURER E:

RT 58 FOOD MART INC.  
8917 S. QUAY ROAD  
SUFFOLK VA 23437

## COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
A	<b>GENERAL LIABILITY</b> <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR <input checked="" type="checkbox"/> <b>Pollution Liability</b> GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	USC9419649-02	07/29/2011	11/27/2011	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	<b>GARAGE LIABILITY</b> <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EA ACC \$ AGG \$
	<b>EXCESS / UMBRELLA LIABILITY</b> <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$ \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under SPECIAL PROVISIONS below Y/N <input type="checkbox"/>				WC STATU-TORY LIMITS OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
	OTHER				

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

## CERTIFICATE HOLDER

## CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL \_\_\_\_\_ DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Frank Cormio/CRYSTA

ACORD 25 (2009/01)  
INS025 (200901)

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EPA 461bbbb

## **IMPORTANT**

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

## **DISCLAIMER**

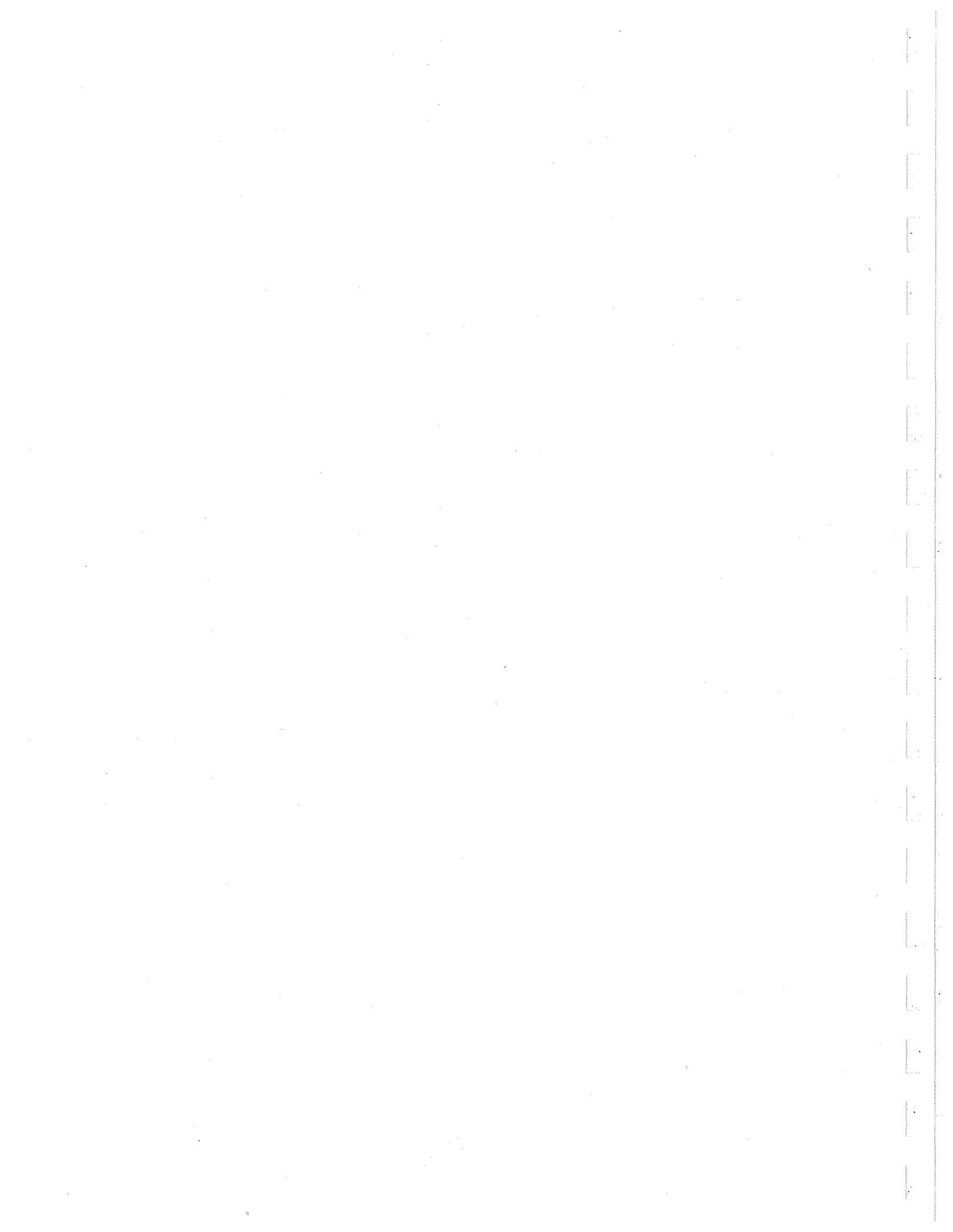
This Certificate of Insurance does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

**EPA 461cccc**

# Notification for Underground Storage Tanks

EPA 461ddd





# Notification for Underground Storage Tanks (USTs)

Virginia DEQ Water Form 7530-2

(See reverse for mailing instructions)

Rev. (01/03)

STATE USE ONLY

ID Number	5-014425
Date Received	6/27/03
Date Entered	7/9/03
Entered By	[Signature]
Comments	

## PART I: PURPOSE OF NOTIFICATION

✓ Check all that apply:

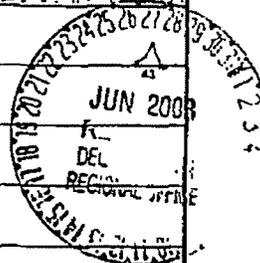
<input type="checkbox"/> New (not previously registered) facility	<input type="checkbox"/> Temporary closure	<input type="checkbox"/> Change in tank contents
<input type="checkbox"/> New tank(s) at previously registered facility	<input type="checkbox"/> Tank removal or closure	<input checked="" type="checkbox"/> New owner
<input type="checkbox"/> Change in tanks (e.g., upgrade)	<input type="checkbox"/> Piping removal or closure	<input type="checkbox"/> Change in owner address
<input type="checkbox"/> Change in piping (e.g., upgrade)	<input type="checkbox"/> Other (specify):	

## PART II: OWNERSHIP OF TANKS

## PART III: LOCATION OF TANKS

A. Owner Name Rt 58 Food Mart Inc	
B. Owner Address 8417 South Quay Rd	
C. City, State, Zip Suffolk, VA 23437	
D. Name of Contact Person TAMER ARKLAN	
E. Title of Contact Person G. Mgr.	
F. Phone Number (757) 657 2388	Fax Number (757) 562 6902
G. E-mail Address	
H. Name of Previous Owner Griffin Oil Co.	

A. Facility Name Pure	
B. Facility Street Address (P.O. Box not acceptable) Same	
C. City, Zip	
D. County or Municipality where Facility is Located	
E. Name of Contact Person Same	
F. Title of Contact Person	
G. Phone Number ( )	Fax Number ( )
H. E-mail Address	



RECEIVED

JUL 16 2003

OSRR

## PART IV: TYPE OF OWNER

## PART V: TYPE OF FACILITY

<input type="checkbox"/> Federal government	<input checked="" type="checkbox"/> Commercial	<input checked="" type="checkbox"/> Retail gas station	<input type="checkbox"/> Federal non-military	<input type="checkbox"/> Commercial (non-resale)	<input type="checkbox"/> Residence
<input type="checkbox"/> State government	<input type="checkbox"/> Private	<input type="checkbox"/> Petroleum distributor	<input type="checkbox"/> Federal military	<input type="checkbox"/> Industrial	<input type="checkbox"/> Farm
<input type="checkbox"/> Local government		<input type="checkbox"/> Local government	<input type="checkbox"/> State government	<input type="checkbox"/> Other	

## PART VI: FINANCIAL RESPONSIBILITY

The tank owner has met the financial responsibility requirements contained in 9 VAC 25-590-10 et seq. using the following methods/mechanisms

<input type="checkbox"/> Self Insurance	<input checked="" type="checkbox"/> Insurance	<input type="checkbox"/> Letter of Credit	<input type="checkbox"/> Virginia Petroleum Storage Tank Fund
<input type="checkbox"/> Guarantee	<input type="checkbox"/> Surety Bond	<input type="checkbox"/> Trust Fund	

## PART VII: OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I understand that the owner of the underground storage tanks hereby registered is responsible for compliance with the requirements of Virginia Regulations 9 VAC 25-580-10 et seq. and federal regulation 40 CFR Part 280, among other requirements. I warrant and represent that I am the owner or that I have the authority to sign this certification on behalf of the owner. I understand that this notification form is sufficient evidence to establish ownership of tanks subject to 9 VAC 25-580-10 et seq.

ADNAN KIRKLIUGLU President	[Signature]	06, 25, 2003
Name and Title (Type or Print)	Signature	Date

## PART VIII: INSTALLER CERTIFICATION

I certify that the installation of this tank was performed in accordance with all federal, state and local installation requirements. I warrant and represent that I am the installer or that I have the authority to sign this certification on behalf of the installer.

_____	_____	_____
Name and Title (Type or Print)	Signature	Date
_____	_____	_____
Company Name	Address	Telephone Number

2077

**PART IX: TANK DESCRIPTION FOR NEW INSTALLATIONS AND AMENDMENTS**

<b>Owner Tank Identification Number</b>	1		2		3					
<b>DEQ Tank Identification Number</b>										
<b>Tank Status</b>	<input type="checkbox"/> New Tank <input checked="" type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment								
<b>Date of Installation (MM/DD/YYYY)</b>	8/1/88		8/1/88		8/1/88					
<b>Date of Amendment (MM/DD/YYYY)</b>	6/25/03		6/25/03		6/25/03					
<b>Tank Capacity (Gallons)</b>	8000		8000		8000					
<b>Substance stored (if hazardous, include CERCLA name and/or CAS number)</b>	Gasoline		Gasoline		Gasoline					
<b>Material of Construction (v all that apply)</b>	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coated and Cathodically Protected/STI-P3®	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Impressed Current System Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Composite (Steel Clad with Fiberglass)ACT 100®	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Lined Interior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Polyethylene Tank Jacket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Excavation Liner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Asphalt Coated or Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Polyflexible piping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Galvanized Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Other (specify)										
Has tank/piping been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
<b>Piping Type</b>	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Safe Suction (No Check Valve at Tank)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
U.S. Suction (Check Valve at Tank)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Pressure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gravity Fed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
<b>Release Detection</b>	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Manual Tank Gauging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tightness Testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Inventory Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Tank Gauging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vapor Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Groundwater Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Interstitial Monitoring-Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Interstitial Monitoring-Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Automatic Line Leak Detectors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Statistical Inventory Reconciliation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Other (specify)										
<b>Spill Containment &amp; Overfill Prevention</b>	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Spill Containment/Bucket	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overfill Automatic Shutoff	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overfill Alarm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Overfill Ball Float Valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					

# Notification for Underground Storage Tanks

STATE USE ONLY

State Agency Name and Address <b>DEQ-Water Division-UST Program</b>	P.O. Box 10009 Richmond, VA 23240-0009	ID NUMBER
TYPE OF NOTIFICATION		DATE RECEIVED
<input type="checkbox"/> A. NEW FACILITY <input checked="" type="checkbox"/> B. AMENDED <input type="checkbox"/> C. CLOSURE		A. NEW _____
_____ No. of tanks at facility    _____ No. of continuation sheets attached		B. AMENDED _____
INSTRUCTIONS		C. ENTERED INTO UST-DMS _____
Please type or print in ink all items except "signature" in section VIII. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy pages 3, 4 and 5, and staple continuation sheets to the form.		D. Comments: _____

## GENERAL INFORMATION

Notification is required by Virginia law for all underground storage tanks that have been used to store regulated substances and were in the ground as of May 8, 1988, or that are brought into use after May 8, 1988. The information requested is required by §62.1-44.34:2.5 & 7 of the Virginia State Water Control Law, Article 8.

The primary purpose of this notification program is to locate and evaluate underground storage tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonable available records, or in the absence of such records, your knowledge, belief, or recollection.

**Who Must Notify?**

A. Virginia State Water Control Law Article 8 § 62.1-44.34:2.5 & 7, requires that unless exempted, owners of underground storage tanks that store regulated substances must notify the State Water Control Board of the existence of their tanks. Owner means:

1) In the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use or dispensing of regulated substances, and

2) In the case of any underground storage tank in use before November 8, 1984; but no longer in use after that date, any person who owned such tank immediately before the discontinuation of its use, and

B. Owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground.

**What UST's Must Be Notified?** Underground storage tank or "UST" means any one or combination of tanks (including underground pipes connected thereto) that is used to contain an accumulation of regulated substances, and the volume of which (including the volume of underground pipes connected thereto) is 10% or more beneath the surface of the ground.

**What UST's Are Excluded From Notification Requirements?**

1. Farm or residential tank of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;

2. Tank used for storing heating oil for consumption on the premises where stored.

3. Septic tank;

4. Pipeline facility (including gathering lines) regulated under:

a. The Natural Gas Pipeline Safety Act of 1968 (49 U.S.C. App. 1671, et seq.), or

b. The Hazardous Liquid Pipeline Safety Act of 1979 (49 U.S.C. App. 2001, et seq.), or

c. Which is an intrastate pipeline facility regulated under state laws comparable to the provisions of the law referred to in subdivisions 4.a or 4.b of this definition;

5. Surface impoundment, pit, pond, or lagoon;

6. Storm-water or wastewater collection system;

7. Flow-through process tank;

8. Liquid trap or associated gathering lines directly related to oil or gas production and gathering operations; or

9. Storage tank situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

**The Following Need Not Notify, But May Be Regulated.**

10. Wastewater treatment tank systems;

11. Any UST systems containing radioactive material that are regulated under the Atomic Energy Act of 1954 (42 USC 2011 and following);

12. Any UST system that is part of an emergency generator system at nuclear power generation facilities regulated by the Nuclear Regulatory Commission under 10 CFR Part 50, Appendix A;

13. Airport hydrant fuel distribution systems; and

14. UST systems with field-constructed tanks

**What Substances Are Covered?** "Regulated substance" means an element, compound, mixture, solution, or substance that, when released into the environment, may present substantial danger to the public health or welfare, or the environment. The term "regulated substance" includes:

1. Any substance defined in § 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, but not any substance regulated as a hazardous waste under subtitle C of the Resource Conservation and Recovery Act (RCRA) of 1976; and

2. Petroleum, including crude oil or any fraction thereof, that is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute). The term "regulated substance" includes but is not limited to petroleum and petroleum-based substances comprised of a complex blend of hydrocarbons derived from crude oil through processes of separation, conversion, upgrading, and finishing, such as motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, and used oils.

**When to Notify?**

A. Any owner who brings an underground storage tank system into use must within 30 days of bringing such tank into use, submit a notice of existence of such tank system to the board. Any change in: ownership; tank status (e.g., temporarily / permanently closed out); tank/piping systems (e.g., upgrades such as addition of corrosion protection, internal lining, release detection); substance stored (e.g., change from petroleum to hazardous substance) requires the UST owner to submit an amended notification form within 30 days after such change/upgrade occurs or is brought into use. Owners may provide notice for several tanks using one notification form, but owners with tanks located at more than one place of operation must file a separate notification form for each separate place of operation.

Under Virginia UST notification requirements effective July 1, 1987, owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground, must notify the board on the notification form.

Notices required to be submitted must provide all of the information in Sections I through IX of this form (Section X as required) for each tank for which notice must be given. Notices for tanks installed after December 22, 1988, must also provide all of the information in Section XI of this form for each tank for which notice must be given.

B. All owners and operators of new UST systems must certify in the notification form compliance with the following requirements of Virginia Regulation 9 VAC 25-580-10, et seq:

1. Installation of tanks and piping under subsection E of § 2.1;

2. Cathodic protection of steel tanks and piping under subsections A and B of § 2.1;

3. Release detection under §§ 4.2, and 4.3

4. Financial responsibility under Virginia Regulation 9 VAC 25-590-10, et seq.

C. All owners and operators of new UST systems must ensure that the installer certifies in the notification form that the methods used to install the tanks and piping comply with the requirements in subsection D of § 2.1 of 9 VAC 25-580-10, et seq.

D. Beginning October 24, 1988, any person who sells a tank intended to be used as an underground storage tank must notify the purchaser of such tank of the owner's notification obligations under subsection A of this section. The statement provided in Appendix II of VR 880-13-02 may be used to comply with this requirement.

### I. OWNERSHIP OF TANK(S)

### II. LOCATION OF TANK(S)

Rt 58 Food Mart, Inc

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

Street Address

8917 South Quay Rd.

City

Suffolk

State

VA

ZIP Code

23437

County

757-657 2388

Phone Number (Include Area Code)

If known, give the geographic location of tank(s) by degree, minutes, and seconds. Example Lat. 42° 32' 12" Long. 85° 24' 17" W

Latitude

Longitude

(If same as Section I, mark box here)

Pure

JUL 16 2003

Facility or Company Site Identifier, as applicable

8917 South Quay Rd.

Street Address (P. O. Box not acceptable)

OSRR

City

Suffolk

State

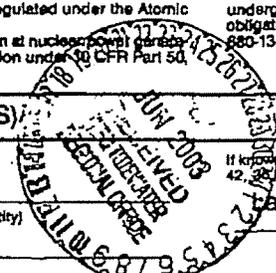
VA

ZIP Code

23437

County

Municipality



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III. TYPE OF OWNER

- Federal Government     Commercial  
 State Government     Private  
 Local Government

IV. INDIAN LANDS

Tanks are located on land within an Indian Reservation or on other trust lands.  Tribe or Nation: \_\_\_\_\_  
 Tanks are owned by Native American nation, tribe, or individual.

V. TYPE OF FACILITY

Select the Appropriate Facility Description:

- Gas Station/Convenience Store    \_\_\_\_\_ State Government    \_\_\_\_\_ Contractor  
 \_\_\_\_\_ Petroleum Distributor    \_\_\_\_\_ Railroad    \_\_\_\_\_ Trucking/Transport  
 \_\_\_\_\_ Air Taxi (Airline)    \_\_\_\_\_ Federal - Non-Military    \_\_\_\_\_ Utilities  
 \_\_\_\_\_ Aircraft Owner    \_\_\_\_\_ Federal - Military    \_\_\_\_\_ Residential  
 \_\_\_\_\_ Auto Dealership    \_\_\_\_\_ Commercial    \_\_\_\_\_ Farm  
 \_\_\_\_\_ Local Government    \_\_\_\_\_ Industrial    \_\_\_\_\_ Other (Explain) \_\_\_\_\_

VI. CONTACT PERSON IN CHARGE OF TANKS

Name (Print)	Job Title	Mailing Address	Phone Number (Include Area Code)
TAMER ARKLAN	G. Mgr.	8417 South Quay Rd. Suffolk, VA 23437	757-657 2388

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with VR680-13-03 utilizing the following method(s).

Mark All that Apply

- Self Insurance     Guarantee     Virginia Underground Petroleum Storage Tank Fund  
 Commercial Insurance     Surety Bond     Trust Fund  
 Risk Retention Group     Letter of Credit     Other Method Allowed (Specify)

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VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. (To be signed by either the owner or the owner's authorized representative)

Name and official title of owner (Print) Rt. 58 Food Mart, Inc By ADNAN KIRISCIOGLU, Pres.	Signature <i>Adnan Kiriscioglu</i>	Date Signed 6/25/03
Name and official title of owner's authorized representative (Print)	Signature	Date Signed

VIRGINIA  
DEQ

**CATHODIC PROTECTION SYSTEM EVALUATION FORM**

7531-CP (11/05)

- This form should be utilized to evaluate underground storage tank (UST) cathodic protection systems in the Commonwealth of Virginia.
- Access to the soil directly over the cathodically protected structure that is being evaluated must be provided.
- A site drawing depicting the UST cathodic protection system and all reference electrode placements must be completed.

**I. UST OWNER**

**II. UST FACILITY**

NAME: ROUTE 58 FOOD MART		NAME: ROUTE 58 FOOD MART		ID #
ADDRESS: 9817 S. QUAY RD.		ADNAN		
ADDRESS: 9817 S. QUAY RD.				
CITY: SUFFOLK	PHONE: 551-556-4133	CITY: SUFFOLK	CONTACT: (DAWN @ NTCA)	
STATE: VA	ZIP: 23437	STATE: VA	ZIP: 23437	PHONE: 440-237-9200 EX 24

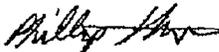
**III. REASON SURVEY WAS CONDUCTED (mark only one)**

<input type="checkbox"/> Routine - 3 year	<input type="checkbox"/> Routine - within 6 months of installation	<input type="checkbox"/> 90-day re-survey after fail	<input checked="" type="checkbox"/> Re-survey after repair/modification
---	--	--	---

Date next cathodic protection survey must be conducted 2/4/12 (required within 6 months of installation/repair & every 3 years thereafter).

**IV. CATHODIC PROTECTION TESTER'S EVALUATION (mark only one)**

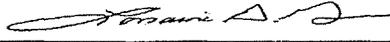
<input checked="" type="checkbox"/> PASS	All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VI).
<input type="checkbox"/> FAIL	One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system(s) (complete Section VII).

TESTER'S NAME: PHILLIP STONE		SOURCE OF CERTIFICATION: NACE	
COMPANY NAME: SUPERIOR SERVICES		TYPE OF CERTIFICATION: CATHODIC PROTECTION TECHNICIAN	
ADDRESS: PO BOX 982		CERTIFICATION NUMBER: # 6021	
CITY: HENDERSONVILLE	STATE: NC	ZIP: 28793	PHONE: 828-698-6286
CP TESTER'S SIGNATURE: 		DATE SIGNED: 8/9/11	DATE CP SURVEY PERFORMED: 8/4/11

**V. CORROSION EXPERT'S EVALUATION (mark only one)**

The survey must be conducted and/or evaluated by a corrosion expert when: a) supplemental anodes or other changes in the construction of the cathodic protection system are made; b) stray current may be affecting buried metallic structures or c) an inconclusive result was written in Section VI. (except for under STI-R972 - "Recommended Practice for the Addition of Supplemental Anodes to sti-P<sub>3</sub>® UST's")

<input checked="" type="checkbox"/> PASS	All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VI).
<input type="checkbox"/> FAIL	One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system (indicate what action is necessary by completion of Section VII).

CORROSION EXPERT'S NAME: LORRAINE GREEN		SOURCE OF CERTIFICATION: NACE	
COMPANY NAME: GREEN ENVIRONMENTAL & CORROSION		TYPE OF CERTIFICATION: CP SPECIALIST	
ADDRESS: PO BOX 2147		CERTIFICATION NUMBER: # 4801	
CITY: LAWRENCEVILLE	STATE: GA	ZIP:	PHONE:
CORROSION EXPERT'S SIGNATURE: 			DATE: 8/9/11

**VI. CRITERIA APPLICABLE TO EVALUATION (mark all that apply)**

<input checked="" type="checkbox"/>	- 850mV ON / (Instant) OFF	Structure-to-soil potential more negative than -850 mV with respect to a Cu/CuSO <sub>4</sub> reference electrode with protective current ON (galvanic) or temporarily interrupted (instant-OFF (impressed)). Inconclusive?
<input type="checkbox"/>	100 mV POLARIZATION	Structure(s) exhibit at least 100 mV of cathodic polarization. Inconclusive?

**VII. ACTION REQUIRED AS A RESULT OF THIS EVALUATION (mark only one)**

<input checked="" type="checkbox"/>	NONE	Cathodic protection is adequate. No further action is necessary at this time. Test again by no later than (see Section V).
<input type="checkbox"/>	RETEST	Cathodic protection may not be adequate. Retest during the next 90 days to determine if passing results can be achieved.
<input type="checkbox"/>	REPAIR & RETEST	Cathodic protection is not adequate. Repair/modification is necessary as soon as practical but within the next 90 days.

PRODUCED BY THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY, UST PROGRAM  
PO BOX 10009, RICHMOND, VA 23230-0009 PHONE (804) 698-4010 FACSIMILE (804) 698-4266 www.deq.virginia.gov

CX 23B

EPA 461iii

**VIII. DESCRIPTION OF UST SYSTEM**

TANK #	PRODUCT	CAPACITY	TANK MATERIAL	PIPING MATERIAL	FLEX CONNECTORS
1	PLUS	8,000	STI-P3	FRP	YES/ ANODES
2	REGULAR	8,000	STI-P3	FRP	YES/ ANODES
3	SUPER	8,000	STI-P3	FRP	YES/ ANODES
4					
5					
6					
7					
8					
9					
10					

**IX. IMPRESSED CURRENT RECTIFIER DATA (complete all applicable)**

In order to conduct an effective evaluation of the cathodic protection system, a complete evaluation of rectifier operation is necessary.

RECTIFIER MANUFACTURER:

RATED DC OUTPUT:

\_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

RECTIFIER MODEL:

RECTIFIER SERIAL NUMBER:

RECTIFIER OUTPUT AS INITIALLY DESIGNED OR LASTLY RECOMMENDED (if available): \_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

EVENT	DATE	TAP SETTINGS		DC OUTPUT		HOUR METER	COMMENTS
		COARSE	FINE	VOLTS	AMPS		
"AS FOUND"							
"AS LEFT"							

**X. IMPRESSED CURRENT POSITIVE & NEGATIVE CIRCUIT MEASUREMENTS (output amperage)**

Complete if the system is designed to allow such measurements (i.e. individual lead wires for each anode are installed and measurement shunts are present).

CIRCUIT	1	2	3	4	5	6	7	8	9	10	TOTAL AMPS
ANODE (+)											
TANK (-)											

**XI. DESCRIPTION OF CATHODIC PROTECTION SYSTEM REPAIRS AND/OR MODIFICATION**

Complete if any repairs or modifications to the cathodic protection system are made OR are necessary. Certain repairs/modifications as explained in the text of the VADEQ cathodic protection guidance document are required to be designed and/or evaluated by a corrosion expert (completion of Section V required).

	Additional anodes for an impressed current system (attach corrosion expert's design).
X	Supplemental anodes for a STI-P3® tank or metallic pipe (attach corrosion expert's design or documentation industry standard was followed).
	Repairs or replacement of rectifier (explain in "Remarks/Other" below).
	Anode header cables repaired and/or replaced(explain in "Remarks/Other" below).
	Impressed current protected tanks/piping not electrically continuous (explain in "Remarks/Other" below).
	Galvanically protected tanks/piping NOT electrically isolated (explain in "Remarks/Other" below).

**Remarks/Other:** TANKS ARE STI-P3. THEY WILL MEET CRITERIA. THERE WERE FLEXES AT ALL SUBMERSED PUMPS AND MPDs THAT WERE IN THE SOIL WITH NO CATHODIC PROTECTION. ANODES WERE ADDED TO THESE FLEXES. CORROSION EXPERT'S DESIGN IS ON THE DRAWING PAGE BELOW. A TEST WILL BE REQUIRED WITHIN SIX MONTHS OF THIS REPAIR, THEN THE SITE GOES BACK ON A 3YR SCHEDULE.

PRODUCED BY THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY, UST PROGRAM

PO BOX 10009, RICHMOND, VA 23230-0009 PHONE (804) 698-4010 FACSIMILE (804) 698-4266 www.deq.virginia.gov

## XII. UST FACILITY SITE DRAWING

Attach detailed drawing of the UST and cathodic protection systems. Sufficient detail must be given in order to clearly indicate where the reference electrode was placed for each structure-to-soil potential that is recorded on the survey forms. Any pertinent data must also be included. At a minimum indicate the following: all tanks, piping and dispensers; all buildings and streets; all anodes and wires; location of CP test stations; and, each reference electrode placement must be indicated by a code (1, 2, 3; R-1, R-2, R-3...etc.) corresponding with the appropriate line number in Section XIV of this form. (Note, CP test stations (PP4) may be questionable for use as described in Section 6.1.2)

**AN EVALUATION OF THE CATHODIC PROTECTION SYSTEM IS NOT COMPLETE WITHOUT AN ACCEPTABLE SITE DRAWING.**

- PRODUCT FILL
- TANK MONITOR RISER
- SUBMERSED PUMP

EXISTING: 3 - 8,000 GALLON STI-P3 TANKS. ALL THREE WILL MEET CRITERIA.

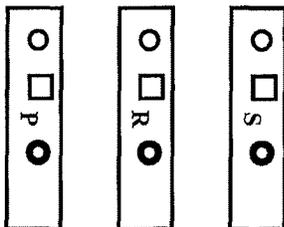
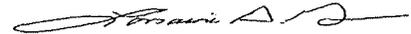
THERE ARE STEEL FLEXES AT ALL STPs AND MPDs THAT ARE IN THE SOIL WITH NO CP.

NOTES: ADD 1 LB MAGNESIUM ANODES TO EACH FLEX. MAKE CONNECTIONS WITH A BRASS MECHANICAL COMPRESSION CLAMP. TEST UPON COMPLETION.

MPD1

MPD2

LORRAINE GREEN  
NACE CP SPECIALIST # 4801



ROUTE 58 FOOD MART

**XIII CATHODIC PROTECTION SYSTEM CONTINUITY SURVEY**

- This section may be utilized to conduct measurements of continuity on UST systems that are protected by cathodic protection systems.
- When conducting a fixed cell - moving ground survey, the reference electrode must be placed in the soil at a remote location and left undisturbed.
- Conduct point-to-point test between any two structures for which the fixed cell - moving ground survey is inconclusive or indicates possible isolation.
- For impressed current systems, the protected structure must be continuous with all other protected structures in order to pass the continuity survey.
- For galvanic systems, the structure that is to be protected must be isolated from any other metallic structure in order to pass the continuity survey.

FACILITY NAME: ROUTE 58 FOOD MART

NOTE: The survey is not complete unless all applicable parts of sections I-XIV are also completed.

DESCRIBE LOCATION OF "FIXED REMOTE" REFERENCE ELECTRODE PLACEMENT: 40' FROM TANK FIELD IN SOIL

STRUCTURE "A" <sup>1</sup>	STRUCTURE "B" <sup>2</sup>	STRUCTURE "A" <sup>3</sup> FIXED VOLTAGE (mV)	STRUCTURE "B" <sup>4</sup> FIXED VOLTAGE (mV)	POINT-TO-POINT <sup>5</sup> VOLTAGE DIFFERENCE	ISOLATED <sup>6</sup> / CONTINUOUS
(example) PLUS TANK BOTTOM	(example) PLUS STEEL PRODUCT LINE @ STP	(example) -915 mV	(example) -908 mV		(example) INCONCL
(example) PLUS TANK BOTTOM	(example) PLUS STEEL PRODUCT LINE @ STP			(example) 1 mV	(example) CONT
PLUS TANK BTM	PLUS FILL	-993	-386		ISOLATED
PLUS TANK BTM	PLUS STP & FLEX	-993	-526		ISOLATED
PLUS TANK BTM	PLUS TANK MONITOR	-993	-561		ISOLATED
PLUS TANK BTM	PLUS MPD 1 FLEX	-993	-538		ISOLATED
PLUS TANK BTM	PLUS MPD 2 FLEX	-993	-538		ISOLATED
REG TANK BTM	REG FILL	-1011	-708		ISOLATED
REG TANK BTM	REG STP & FLEX	-1011	-522		ISOLATED
REG TANK BTM	REG TANK MONITOR	-1011	-585		ISOLATED
REG TANK BTM	REG MPD 1 FLEX	-1011	-538		ISOLATED
REG TANK BTM	REG MPD 2 FLEX	-1011	-538		ISOLATED
SUPER TANK BTM	SUPER FILL	-975	-633		ISOLATED
SUPER TANK BTM	SUPER STP & FLEX	-975	-524		ISOLATED
SUPER TANK BTM	SUPER TANK MONITOR	-975	-733		ISOLATED
SUPER TANK BTM	SUPER MPD 1 FLEX	-975	-538		ISOLATED
SUPER TANK BTM	SUPER MPD 2 FLEX	-975	-538		ISOLATED

1. Describe the protected structure {"A"} that you are attempting to demonstrate is continuous (e.g. plus tank bottom).
2. Describe the "other" protected structure {"B"} that you are attempting to demonstrate is continuous (e.g. plus steel product line @ STP).
3. Record the fixed remote instant off structure-to-soil potential of the protected structure {"A"} in millivolts (e.g. -915 mV).
4. Record the fixed remote instant off structure-to-soil potential of the "other" protected structure {"B"} in millivolts (e.g. -908 mV).
5. Record the voltage difference observed between structure "A" and structure "B" when conducting "point-to-point" testing (e.g. 1mV).
6. Document whether the test (fixed cell and/or point-to-point) indicated the protected structure was isolated, continuous or inconclusive.

## XIV. CATHODIC PROTECTION SYSTEM SURVEY

This section may be utilized to conduct a survey of the cathodic protection system by obtaining structure-to-soil potential measurements.

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>➤ <b>For Impressed Current systems:</b> the reference electrode must be placed (minimum of three locations) in the soil directly above the structure that is being tested and as far away from any active anode as practical to obtain a valid structure-to-soil potential (refer to the VADEQ cathodic protection evaluation guidance document for detailed discussion of electrode placement).</li> <li>➤ Both "on" and "instant off" potentials must be measured for each structure that is intended to be under cathodic protection.</li> <li>➤ The "instant off" potential must be -850 mV or more negative or the 100 mV polarization criterion must be satisfied in order to pass.</li> </ul> | <ul style="list-style-type: none"> <li>➤ <b>For Galvanic systems:</b> the reference electrode must be placed (minimum of three locations) with at least one local and at least one placed remotely 25-100 feet away from the structure.</li> <li>➤ Both the local and remote voltage must be -850 mV or more negative, in order for the structure to pass.</li> <li>➤ Inconclusive is indicated when both the local and remote structure-to-soil potentials do not result in the same outcome (both must "pass" or both "fail").</li> <li>➤ As a place to record the "galvanic CP system voltage", use the "Instant Off Voltage" sixth column below.</li> </ul> |
|---|---|

FACILITY NAME: ROUTE 58 FOOD MART

NOTE: This survey is not complete unless all applicable parts of sections I - XIV are also completed.

LOCATION <sup>1</sup> CODE	STRUCTURE <sup>2</sup>	CONTACT POINT <sup>3</sup>	REFERENCE CELL PLACEMENT <sup>4</sup>	ON <sup>5</sup> VOLTAGE	INSTANT <sup>6</sup> OFF VOLTAGE	100 mV polarization		PAS <sup>9</sup> FAIL
						ENDING <sup>7</sup> VOLTAGE	VOLTAGE <sup>8</sup> CHANGE	
(example) R1	(example) PLUS TANK	(example) TANK BOTTOM	(example) SOIL @ REG. TANK STP MANWAY	(example) -1070mV	(example) -875 mV			(example) PASS
(example) R2	(example) DIESEL PIPE	(example) DISPENSER 7/8	(example) SOIL @ DIESEL TANK STP MANWAY	(example) -810 mV	(example) -680 mV	(example) -575 mV	(example) 105 mV	(example) PASS
(example) R3	(example) DIESEL PIPE	(example) DISPENSER 7/8	(example) SOIL @ DIESEL TANK STP MANWAY	(example) -810mV	(example) -720 mV	(example) -630mV	(example) -90 mV	(example) FAIL
	PLUS TANK	TANK BTM	SOIL AT FILL END	-991				PASS
	PLUS TANK	TANK BTM	SOIL AT TANK CENTER	-966				PASS
	PLUS TANK	TANK BTM	SOIL AT OPPOSITE END	-952				PASS
	PLUS TANK	TANK BTM	SOIL REMOTE	-993				PASS
	REG TANK	TANK BTM	SOIL AT FILL END	-1036				PASS
	REG TANK	TANK BTM	SOIL AT TANK CENTER	-1021				PASS
	REG TANK	TANK BTM	SOIL AT OPPOSITE END	-998				PASS
	REG TANK	TANK BTM	SOIL REMOTE	-1011				PASS
	SUPER TANK	TANK BTM	SOIL AT FILL END	-997				PASS
	SUPER TANK	TANK BTM	SOIL AT TANK CENTER	-959				PASS
	SUPER TANK	TANK BTM	SOIL AT OPPOSITE END	-977				PASS
	SUPER TANK	TANK BTM	SOIL REMOTE	-975				PASS

COMMENTS: ALL TANKS AND FLEXES WILL MEET CRITERIA.

1. Designate numerically or by code on the site drawing each local reference electrode placement (e.g. 1,2,3... T-1, T-2, P-1, P-2...etc.).
2. Describe the structure that is being tested (e.g. plus tank; diesel piping; flex connector, etc.).
3. Describe where the structure being tested is contacted by the test lead (e.g. plus tank bottom; diesel piping @ dispenser 7/8; etc.).
4. Describe the exact location where the reference electrode is placed for each measurement (e.g. soil @ regular tank STP manway; soil @ dispenser 2, etc.).
5. (Applies to all tests) Record the structure-to-soil potential (voltage) observed with the current applied (e.g. -1070 mV).
6. (Applies to all tests) Record the structure to soil potential (voltage) observed when the current is interrupted (e.g. 680 mV).
7. (Applies to 100 mV polarization test only) Record the voltage observed at the end of the test period (e.g. 575 mV).
8. (Applies to 100 mV polarization test only) Subtract the final voltage from the instant off voltage (e.g. 680 mV - 575 mV = 105 mV).
9. Indicate if the tested structure passed or failed one of the two acceptable criteria (850 instant off or 100 mV polarization) based on your interpretation of data.

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## XIV. CATHODIC PROTECTION SYSTEM SURVEY

This section may be utilized to conduct a survey of the cathodic protection system by obtaining structure-to-soil potential measurements.

- **For Impressed Current systems:** the reference electrode must be placed (minimum of three locations) in the soil directly above the structure that is being tested and as far away from any active anode as practical to obtain a valid structure-to-soil potential (refer to the VADEQ cathodic protection evaluation guidance document for detailed discussion of electrode placement).

➤ Both "on" and "instant off" potentials must be measured for each structure that is intended to be under cathodic protection.

➤ The "instant off" potential must be -850 mV or more negative or the 100 mV polarization criterion must be satisfied in order to pass.
- **For Galvanic systems:** the reference electrode must be placed (minimum of three locations) with at least one local and at least one placed remotely 25-100 feet away from the structure.

➤ Both the local and remote voltage must be -850 mV or more negative, in order for the structure to pass.

➤ Inconclusive is indicated when both the local and remote structure-to-soil potentials do not result in the same outcome (both must "pass" or both "fail").

➤ As a place to record the "galvanic CP system voltage", use the "Instant Off Voltage" sixth column below.

FACILITY NAME: ROUTE 58 FOOD MART

NOTE: This survey is not complete unless all applicable parts of sections I – XIV are also completed.

LOCATION <sup>1c</sup> ODE	STRUCTURE <sup>2</sup>	CONTACT POINT <sup>3</sup>	REFERENCE CELL PLACEMENT <sup>4</sup>	ON <sup>5</sup> VOLTAGE	INSTANT <sup>6</sup> OFF VOLTAGE	100 mv polarization		PAS/ <sup>9</sup> FAIL
						ENDING <sup>7</sup> VOLTAGE	VOLTAGE <sup>8</sup> CHANGE	
(example) R1	(example) PLUS TANK	(example) TANK BOTTOM	(example) SOIL @ REG TANK STP MANWAY	(example) -1070mV	(example) -875mV			PASS
(example) R2	(example) DIESEL PIPE	(example) DISPENSER 7/8	(example) SOIL @ DIESEL TANK STP MANWAY	(example) -810mV	(example) -680mV	(example) 575 mV	(example) 105 mV	(example) PASS
(example) R3	(example) DIESEL PIPE	(example) DISPENSER 7/8	(example) SOIL @ DIESEL TANK STP MANWAY	(example) -810 mV	(example) -720 mV	(example) -630 mV	(example) 90 mV	(example) FAIL
	MPD 1 P FLEX	FLEX	SOIL AT MPD	-1386				PASS
	MPD 1 R FLEX	FLEX	SOIL AT MPD	-1167				PASS
	MPD 1 S FLEX	FLEX	SOIL AT MPD	-1117				PASS
	MPD 2 P FLEX	FLEX	SOIL AT MPD	-1214				PASS
	MPD 2 R FLEX	FLEX	SOIL AT MPD	-1364				PASS
	MPD 2 S FLEX	FLEX	SOIL AT MPD	-1312				PASS
	PLUS STP FLEX	FLEX	SOIL AT STP	-1326				PASS
	REG STP FLEX	FLEX	SOIL AT STP	-1216				PASS
	SUPER STP FLEX	FLEX	SOIL AT STP	-1316				PASS

COMMENTS: ALL TANKS AND FLEXES WILL MEET CRITERIA

1. Designate numerically or by code on the site drawing each local reference electrode placement (e.g. 1,2,3... T-1, T-2, P-1, P-2...etc.).
2. Describe the structure that is being tested (e.g. plus tank; diesel piping; flex connector, etc.).
3. Describe where the structure being tested is contacted by the test lead (e.g. plus tank bottom; diesel piping @ dispenser 7/8; etc.).
4. Describe the exact location where the reference electrode is placed for each measurement (e.g. soil @ regular tank STP manway; soil @ dispenser 2, etc.)
5. (Applies to all tests) Record the structure-to-soil potential (voltage) observed with the current applied (e.g. -1070 mV).
6. (Applies to all tests) Record the structure to soil potential (voltage) observed when the current is interrupted (e.g. 680 mV).
7. (Applies to 100 mV polarization test only) Record the voltage observed at the end of the test period (e.g. 575 mV).
8. (Applies to 100 mV polarization test only) Subtract the final voltage from the instant off voltage (e.g. 680 mV - 575 mV = 105 mV).
9. Indicate if the tested structure passed or failed one of the two acceptable criteria (850 instant off or 100 mV polarization) based on your interpretation of data.

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**III. UST SYSTEM DESCRIPTION -- ACTIVE USTs**

**GENERAL INFORMATION:**

	Tank# <u>1</u>	Tank# <u>2</u>	Tank# <u>3</u>	Tank#	Tank#	Tank#
Date Installed:	<u>8/1/88</u>	<u>8/1/88</u>	<u>8/1/88</u>	___	___	___
Date of Upgrade (if applicable):	___	___	___	___	___	___
Tank Capacity (gallons):	<u>8K</u>	<u>8K</u>	<u>8K</u>	___	___	___
Substance Stored:	<u>Gas</u>	<u>Gas</u>	<u>Gas</u>	___	___	___
Fill ports marked? (circle one)	<u>Yes/No</u>	<u>Yes/No</u>	<u>Yes/No</u>	Yes/No	Yes/No	Yes/No

**SPILL PREVENTION** - 7530 is only evidence of existence

Comments: \_\_\_\_\_

SATISFACTORY

Spill Containment Device	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not Required (xfers <25gals.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**OVERFILL PREVENTION** - 7530 is only evidence of existence

Comments: \_\_\_\_\_

SATISFACTORY

Shutoff / Flapper Valve	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ball Float	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Owner confirms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Form 7530 indicates present	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Alarm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not Required (xfers <25gals.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**CORROSION PROTECTION (TANK and PIPE)** - 7530 is only evidence of existence

Comments: \_\_\_\_\_

SATISFACTORY

	Tank	Pipe	Tank	Pipe	Tank	Pipe	Tank	Pipe	Tank	Pipe
Cathodically Protected Metal (Impressed or Galvanic)	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fiberglass-- CP Not Required	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Composite (Steel/Fiberglass)-- CP Not Required	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
Secondary Containment / Double Walled-- CP Not Required (if nonmetallic)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
Lined Interior-- CP Not Required	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
Flexible Piping	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
Other Approved Method	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
Method name/type:	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

**RELEASE DETECTION (TANK)** - 7530 is only evidence of existence    
 Tank# 1 Tank# 2 Tank# 3 Tank#      Tank#      Tank#     

Comments: SATISFACTORY

Inventory Control & TTT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Manual Tank Gauging (< 2K gal only)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Automatic Tank Gauging (ATG)	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vapor Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Groundwater Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interstitial Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SIR	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other Approved Method	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not Applicable (e.g. emergency generator UST)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**RELEASE DETECTION (PIPING)**

Comments: SATISFACTORY

**Pressurized and Gravity Fed Piping:**

Automatic Line Leak Detector(ALLD)

+ Annual LTT or Monthly Monitor	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD + ATG/LLD (electronic)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD + Vapor Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD + Groundwater Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD + Interstitial Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD + Other Approved Methods (SIR)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Suction Piping, Regulated:**

Line Tightness Testing	<input type="radio"/>					
Vapor Monitoring	<input type="radio"/>					
Groundwater Monitoring	<input type="radio"/>					
Interstitial Monitoring	<input type="radio"/>					
Other Approved Method (SIR)	<input type="radio"/>					

**Suction Piping - Unregulated**

Release Detection not required if check valve at dispenser & piping slopes toward tank	<input type="radio"/>					
Form 7530 indicates present	<input type="radio"/>					

**Gravity Fed Piping - Unregulated**

<input type="radio"/>						
-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------

**IV. TANK RELEASE DETECTION -- DETAILED REVIEW**

<b>INVENTORY CONTROL + TANK TIGHTNESS TESTING (TTT)</b>		<input checked="" type="radio"/> Not Applicable		<input type="radio"/> Not Eligible		
	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank # 6
Applicable Tanks:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Eligibility expiration date:	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Records: Complete <input type="radio"/> Incomplete <input type="radio"/> No Records <input type="radio"/>	Month/year reviewed: ___/___; ___/___; ___/___; ___/___					
Daily stick readings to 1/8"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Monthly reconciliation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Monthly water monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date of last TTT	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Tank passed TTT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fill line/access port with drop tube	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unable to verify drop tube	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dipstick:						
Marked legibly to 1/8"	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
In serviceable condition	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
Comments:	_____					

<b>MANUAL TANK GAUGING</b>		<input checked="" type="radio"/> Not Applicable		<input type="radio"/> Not Eligible		
	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank #6
Applicable Tanks:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Eligibility expiration date:	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Method does not expire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tank is 2,000 gallons or less	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Records: Complete <input type="radio"/> Incomplete <input type="radio"/> No Records <input type="radio"/>	Month/year reviewed: ___/___; ___/___; ___/___; ___/___					
Stick readings to 1/8"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Two liquid measurements taken	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Method is performed weekly	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Results variation within standard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date last monitoring	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Tank Tightness Test (TTT)						
Date of last TTT	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Tank passed TTT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TTT NOT Required	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dipstick:						
Marked legibly to 1/8"	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
In serviceable condition	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
Comments:	_____					

IV. TANK RELEASE DETECTION -- DETAILED REVIEW (continued)

**AUTOMATIC TANK GAUGING (ATG)**       Not Applicable

Tank# 1      Tank# 2      Tank# 3      Tank# 4      Tank# 5      Tank# 6

Applicable Tanks:                                   

Records: Complete  Incomplete  No Records       Month/year reviewed: 6/12 4/12 2/12 12/11

Meets / exceeds .2gph                                   

Date last monitoring event.      6/8/12      6/13/12      6/13/12        /  /          /  /          /  /  

System appears functional Yes  No

ATG type/vendor   /  /   V/R

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**VAPOR MONITORING**       Not Applicable

Tank# 1      Tank# 2      Tank# 3      Tank# 4      Tank# 5      Tank# 6

Applicable Tanks:                                   

Number of vapor monitoring wells at facility. Number: \_\_\_\_\_

Records: Complete  Incomplete  No Records       Month/year reviewed:   /  /   ;   /  /   ;   /  /   ;   /  /  

Data recorded monthly                                   

Date last monitoring event.        /  /          /  /          /  /          /  /          /  /          /  /  

Wells adjacent to excavation      Yes       No

Type of detection equipment used \_\_\_\_\_

Monitoring device operative      Yes       No

Assessment performed to determine that wells have been properly installed according to regulations      Yes       No

Background levels recorded      Yes       No

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**IV. TANK RELEASE DETECTION -- DETAILED REVIEW (continued)**

**GROUNDWATER MONITORING**

**Not Applicable**

Applicable Tanks: Tank# 1  Tank# 2  Tank# 3  Tank# 4  Tank# 5  Tank # 6

Number of release detection groundwater monitoring wells at facility. Number: \_\_\_\_\_

Records: Complete  Incomplete  No Records  Month/year reviewed: \_\_\_/\_\_\_/\_\_\_

Data recorded monthly

Date last monitoring event. \_\_\_/\_\_\_/\_\_\_

Wells intercept or are adjacent to excavation zone Yes  No

Specific gravity < 1; immiscible

Device detects 1/8" of free product Yes  No

If auto monitor, device operational Yes  No

Assessment performed to determine that wells have been properly installed according to regulations Yes  No

Comments: \_\_\_\_\_

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**INTERSTITIAL MONITORING**

**Not Applicable**

Applicable Tanks: Tank# 1  Tank# 2  Tank# 3  Tank# 4  Tank# 5  Tank# 6

Records: Complete  Incomplete  No Records  Month/year reviewed: \_\_\_/\_\_\_/\_\_\_

Type of detection equipment used: \_\_\_\_\_

Date last monitoring event. \_\_\_/\_\_\_/\_\_\_

Checked monthly; recorded

System appears functional Yes  No

Comments: \_\_\_\_\_

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**IV. TANK RELEASE DETECTION -- DETAILED REVIEW (continued)**

SIR	<input checked="" type="radio"/> Not Applicable					
	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
Applicable Tanks:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vendor name:	_____					
Method conducted at 0.2 gph leak rate or less	Yes <input type="radio"/> No <input type="radio"/>					
Records: Complete <input type="radio"/> Incomplete <input type="radio"/> No Records <input type="radio"/>	Month/year reviewed: <u>  </u> / <u>  </u> / <u>  </u> ; <u>  </u> / <u>  </u> / <u>  </u> ; <u>  </u> / <u>  </u> / <u>  </u>					
Date of last SIR report.	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>
Daily stick readings to 1/8"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dipstick / probe:						
Marked legibly to 1/8"	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
In serviceable condition	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
Results of Airconclusive were investigated and corrected	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>					
System appears functional	Yes <input type="radio"/>	No <input type="radio"/>	N/A <input type="radio"/>			
Tank Tightness Test required	Yes <input type="radio"/>	No <input type="radio"/>				
Date of Tank Test	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>
Comments:	_____ _____ _____ _____ _____ _____ _____ _____ _____ _____					

OTHER METHOD(S)	<input checked="" type="radio"/> Not Applicable					
	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
Applicable Tanks:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Specify type/vendor:	_____					
Records: Complete <input type="radio"/> Incomplete <input type="radio"/> No Records <input type="radio"/>	month/year reviewed: <u>  </u> / <u>  </u> / <u>  </u> ; <u>  </u> / <u>  </u> / <u>  </u> ; <u>  </u> / <u>  </u> / <u>  </u>					
.2GPH (PD= 0.95; PFA 0.05)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Uses Board approved method	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Comments:	_____ _____					

**V. PIPING RELEASE DETECTION – DETAILED REVIEW**

**Release Detection For Pressurized & Gravity Fed Piping:**

Not Applicable     Not Eligible

Tank# 1    Tank# 2    Tank# 3    Tank# 4    Tank# 5    Tank# 6

**Automatic Line Leak Detector (ALLD) Type:**

Automatic flow restrictor	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Automatic shut-off device	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Continuous alarm system	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electronic Line Leak Detectors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Manufacturer / Model:	_____					
Not field verified	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Form 7530 indicates present	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD Records: Yes <input checked="" type="radio"/> No <input type="radio"/> Incomplete <input type="radio"/>						
ALLD tested past year	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date of last test event:	<u>7/26/11</u>	<u>7/26/11</u>	<u>7/26/11</u>	<u>  /  /  </u>	<u>  /  /  </u>	<u>  /  /  </u>
ALLD Passed Test	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**AND Either Annual Line Tightness Test (ALTT) OR Monthly Monitoring:**

**Annual Line Tightness Testing**

ALTT Records: Yes  No  Incomplete

Lines tested in last 12 months	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lines passed test	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date last testing.	<u>7/26/11</u>	<u>7/26/11</u>	<u>7/26/11</u>	<u>  /  /  </u>	<u>  /  /  </u>	<u>  /  /  </u>

**Monthly Monitoring (One method must be selected from the following list)**

Automatic tank gauging (ATG)

ATG Monthly monitor (0.2 gph) 

ATG Records: Yes  No  Incomplete     month/year reviewed:   /  /  ;   /  /  ;   /  /  ;   /  /

Lines passed ATG Test	<input type="radio"/>					
Monitoring data on file	<input type="radio"/>					
Date last monitoring.	<u>  /  /  </u>					

Vapor monitoring	<input type="radio"/>					
Groundwater monitoring	<input type="radio"/>					
Interstitial monitoring	<input type="radio"/>					
Other approved method (e.g. SIR)	<input type="radio"/>					
Gravity Fed (Rel. Det. Not Req'd)	<input type="radio"/>					

UST Inspection Checklist (Revised 08/10)

Page 8

EPA 470

**Release Detection For Regulated Suction Piping: (One method must be selected from the following list)**

Not Applicable

Line Tightness Testing (every 3 yrs.)	<input type="radio"/>					
LTT Records: Yes <input type="radio"/> No <input type="radio"/> Incomplete <input type="radio"/>						
Lines passed test.	<input type="radio"/>					
Date last testing	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>
Vapor monitoring	<input type="radio"/>					
Groundwater monitoring	<input type="radio"/>					
Interstitial monitoring	<input type="radio"/>					
Other method approved (e.g. SIR)	<input type="radio"/>					
Comments:	<hr/>					
Suction w/Check Valve (Rel. Det. Not Req'd)	<input type="radio"/>					

**VI. CORROSION PROTECTION SYSTEM -- DETAILED REVIEW**

<input type="radio"/> Not Applicable	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank#
<b>Type of Tank Corrosion Protection:</b>						
New / Existing Tank (Sti-P3)	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Upgraded Existing Tank: Date:	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>
Impressed Current	<input type="radio"/>					
Sacrificial Anode(s)	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internal Lining	<input type="radio"/>					
Inspected (prior; 10yr.; 5yr.)	<input type="radio"/>					
Last Inspection Date Date:	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>
Records: Yes <input checked="" type="radio"/> No <input type="radio"/> Incomplete <input type="radio"/>						
System passed CP test	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date of most recent test	<u>8/9/11</u>	<u>8/9/11</u>	<u>8/9/11</u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>
Inspection every 60 days (if impressed current)	<input type="radio"/>					
Records of post-failure test	<input type="radio"/>					
<b>For Existing tanks upgraded with cathodic protection:</b>						
Acceptable tank assessment prior: Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Tank <10 years old at time of upgrade:						
Monthly monitoring	<input type="radio"/>					
TTT prior + 6 mo. after upgrade	<input type="radio"/>					
Dates of TTTs: Date:	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>	<u>   </u> / <u>   </u> / <u>   </u>
Methods which are not dependent on tank age:						
Internally Inspected (for lining)	<input type="radio"/>					
Internally Inspected (for CP)	<input type="radio"/>					
ASTM ES40-94 (11/94-3/22/98)	<input type="radio"/>					



VII. UST SYSTEM DESCRIPTION -- INACTIVE (IMPROPERLY CLOSED) USTs:

GENERAL INFORMATION:

Not Applicable

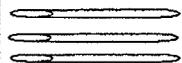
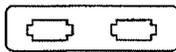
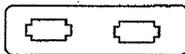
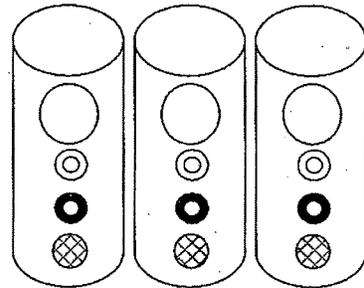
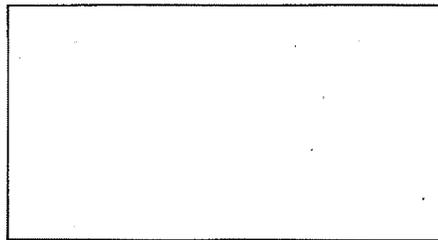
Tank designator:	Closed	Closed	Closed	Closed	Closed	Closed
Date Closed/Out of service	Tank#	Tank #	Tank#	Tank#	Tank#	Tank#
Tank Capacity (gallons)	_____	_____	_____	_____	_____	_____
Substance last stored in tank	_____	_____	_____	_____	_____	_____
Appears the tank was closed without notifying DEQ	_____	_____	_____	_____	_____	_____
# of USTs Closed Prior to 12/22/88 (Previously closed)	_____					
Closed UST Owner/Operator Name(s):	_____					
Street Address:	_____					
City:	_____	State:	_____	Zip:	_____	
Phone:	_____					

Comments: \_\_\_\_\_

Facility Site Sketch: (Mark wells/problems on map.)

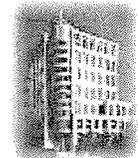
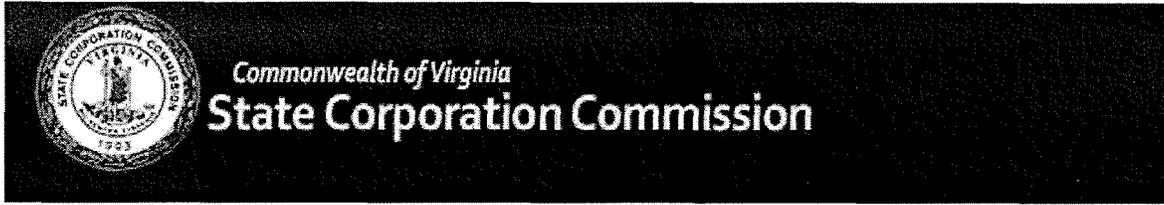
NORTH ↓

- LEGEND**
- PUMP/ALLD = 
  - FILL PORT = 
  - VAP RECOV = 
  - ATG PORT = 
  - MON WELL = 
  - DISPENSER = 
  - VENT PIPE = 



*S. Quay Rd.*

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Virginia.gov

CISM1001 OFFICERS/DIRECTORS AND PRINCIPAL OFFICE

07/11/12

09:37:14

CORPORATE ID: 0549738 3 CURRENT AR# 211-17-2837 DATE 10/04/11

CORP NAME: FRANKLIN EAGLE MART CORP.

STREET: 8012 TONNELLE AVE

CITY: NORTH BERGEN

STATE: NJ ZIP: 07047

S C DIR REQUIRED: Y

E A OFFICERS/DIRECTORS DISPLAY FOR AR# 211-17-2837

L T NAME TITLE SIGN

B ADNAN KIRISCIOGLU PRESIDENT

Vertical list of empty boxes for data entry

(Screen Id:/Corp\_Officer\_Director PO\_Inquiry)

CX 25

EPA 474

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CISM0180

CORPORATE DATA INQUIRY

07/11/12

09:35:34

CORP ID: 0549738 - 3 STATUS: 00 ACTIVE STATUS DATE: 02/23/09  
CORP NAME: FRANKLIN EAGLE MART CORP.

DATE OF CERTIFICATE: 11/28/2000 PERIOD OF DURATION: INDUSTRY CODE: 00  
STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK  
MERGER IND: CONVERSION/DOMESTICATION IND:  
GOOD STANDING IND: Y MONITOR INDICATOR:  
CHARTER FEE: 50.00 MON NO: MON STATUS: MONITOR DTE:  
R/A NAME: RANDOLPH A RAINES JR

STREET: FERGUSON RAWLS ET AL AR RTN MAIL:  
332 W CONSTANCE RD

CITY: SUFFOLK STATE : VA ZIP: 23434

R/A STATUS: 4 ATTORNEY EFF. DATE: 05/07/02 LOC : 220

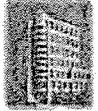
ACCEPTED AR#: 211 17 2837 DATE: 10/04/11 SUFFOLK CITY

CURRENT AR#: 211 17 2837 DATE: 10/04/11 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
11	100.00					2,500

(Screen Id:/Corp\_Data\_Inquiry)

EPA 475



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### Welcome to SCC eFile Business Entity Details

## FRANKLIN EAGLE MART CORP.

SCC ID: 05497383

Business Entity Type: Corporation

Jurisdiction of Formation: VA

Date of Formation/Registration: 11/28/2000

Status: Active

Shares Authorized: 2500

#### Quick Links

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**Principal Office**  
 8012 TONNELLE AVE  
 NORTH BERGEN NJ 07047

**Registered Agent/Registered Office**  
 X RANDOLPH A RAINES JR  
 332 W CONSTANCE RD  
 SUFFOLK VA 23434  
 SUFFOLK CITY 220  
 Status: Active  
 Effective Date: 5/7/2002

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## Virginia Secretary of State

### Corporate Filing

#### Business Information

<b>Filing Number:</b>	0549874
<b>Name:</b>	1397 CARRSVILLE HWY. REALTY CORP.
<b>Name Type:</b>	LEGAL
<b>Standard Address:</b>	8012 TONNELLE AVE NORTH BERGEN, NJ 07047-4622
<b>Original Address:</b>	8012 TONNELLE AVENUE NORTH BERGEN NJ 07047
<b>Business Type:</b>	CORPORATION
<b>Status:</b>	ACTIVE
<b>Status Date:</b>	11/28/2000
<b>Place Incorporated:</b>	VIRGINIA
<b>Date Incorporated:</b>	11/28/2000
<b>Foreign/Domestic:</b>	DOMESTIC
<b>Terms:</b>	PERPETUAL
<b>Purpose:</b>	GENERAL

#### Registered Agent

EPA 477

## Corporate Filing

<b>Name:</b>	KIRISCIOGLU, ADNAN
<b>Title:</b>	DIRECTOR
<b>Registered Agent Address:</b>	1397 CARRSVILLE HWY FRANKLIN, VA 23851-3916
<b>As of Date:</b>	11/28/2000
<b>Registered Agent Information:</b>	COURT LOCALITY: FRANKLIN CITY (FILED IN SOUTHAMPTON COUNTY)

## Stock Information

Stock	
<b>Type:</b>	COMMON
<b>Issued Shares:</b>	2,500
<b>Authorized Shares:</b>	2,500
Stock	
<b>Type:</b>	COMMON
<b>Issued Shares:</b>	2,500
<b>Authorized Shares:</b>	2,500

## Officers

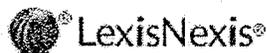
Name	Date(s)	Standardized Address	Original Address
KIRISCIOGLU, ADRIAN Title: PRESIDENT Contact Type: DIRECTOR		Type: OFFICER 1397 CARRSVILLE HWY FRANKLIN, VA 23851-3916	
KIRISCIOGLU, ADNAN Title: DIRECTOR;PRESIDENT Contact Type: DIRECTOR Effective Date: 11/28/2000		Type: REGISTERED OFFICE 1397 CARRSVILLE HWY FRANKLIN, VA 23851-3916	VA 238510000 FRANKLIN 1397 CARRSVILLE HWY

## Historical Contacts

Name	Date(s)	Standard Address	Original Address
KIRISCIOGLU, ADNAN Title: PRESIDENT Contact Type: DIRECTOR		Type: OFFICER 1397 CARRSVILLE HWY FRANKLIN, VA 23851-3916	

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## Assessment Record For ISLE OF WIGHT County

Estimated Roll Certification Date: 08/20/2011

**Owner Information**

**Original Name:** CARRSVILLE HWY REALTY CORP 1397

**Standardized**

**Name:** CARRSVILLE HWY REALTY CORP

**Original Address:** 8012 TONNELLE AVE  
NORTH BERGEN, NJ 07047

**Standardized**

**Address:** 8012 TONNELLE AVE  
NORTH BERGEN, NJ 07047-4622  
HUDSON COUNTY

**Property Information**

**Original Property Address:** 1397 CARRSVILLE HWY  
FRANKLIN, VA 23851

**Standardized**

**Property Address:** 1397 CARRSVILLE HWY  
FRANKLIN, VA 23851-3916  
ISLE OF WIGHT COUNTY

**Land Use:** MIXED USE (COMM/IND)

**Data Source:** B

**Legal Information**

**Assessor's Parcel**

**Number:** 69 -01 - 039

**Recording Date:** 03/23/2001

EPA 479

**Estimated Roll Certification Date:** 08/20/2011

**Brief Description:** ADJ COBB EST

**Legal Description:** DISTRICT: 50; CITY/MUNI/TWNSP: WINDSOR

**Sale Information**

**Recording Date:** 03/23/2001

**Sale Price:** \$93,000 - FULL AMOUNT

**Document Number:** 1334

**Document Type:** INSTRUMENT

**Assessment Information**

**Market Value Year:** 2010

**Market Land Value:** \$125,000

**Market  
Improvement**

**Value:** \$116,300

**Total Market Value:** \$241,300

**Assessment Year:** 2011

**Tax Information**

**Tax Amount:** \$1,568.45

**Tax Year:** 2011

**Property Characteristics**

**Year Built:** 1956

**Stories:** 1

**Total Rooms:** 2

**Roof:** COMPOSITION SHINGLE

**Building Area:** 1,620 TOTAL

**Air Conditioning:** YES

**Heating:** FORCED AIR UNIT

**Construction:** METAL

**Basement:** NONE

**Exterior Walls:** METAL

**Foundation:** CONCRETE

**Acres:** 1.00 AC

**Important:** The Public Records and commercially available data sources used on reports have errors. Data is sometimes entered poorly, processed incorrectly and is generally not free from defect. This system should not be relied upon as definitively accurate. Before relying on any data this system supplies, it should be independently verified. For Secretary of State documents, the following data is for information purposes only and is not an official record. Certified copies may be obtained from that individual state's Department of State.

**Your DPPA Permissible Use:** [Government Agency](#)

**Your GLBA Permissible Use:** [Legal Compliance](#)



State  
Corporation  
Commission

WEB#397

TCP00069 CISM0180

CIS

CORPORATE DATA INQUIRY

08/10/07

13:40:42

CORP ID: 0549738 - 3 STATUS: 00 ACTIVE STATUS DATE: 11/28/00

CORP NAME: FRANKLIN EAGLE MART CORP.

DATE OF CERTIFICATE: 11/28/2000 PERIOD OF DURATION: INDUSTRY CODE: 00

STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK

MERGER IND: CONVERSION/DOMESTICATION IND:

GOOD STANDING IND: Y MONITOR INDICATOR:

CHARTER FEE: 50.00 CASE NO: CASE STATUS: HEARING DTE:

R/A NAME: RANDOLPH A RAINES JR

FERGUSON, RAWLS ET AL

STREET: 332 W CONSTANCE RD

AR RTN MAIL:

CITY: SUFFOLK

STATE : VA ZIP: 23434

R/A STATUS: A ATTORNEY

EFF. DATE: 05/07/02 LOC.: 220

ACCEPTED AR#: 206 73 1782 DATE: 10/13/06

SUFFOLK CITY

CURRENT AR#: 206 73 1782 DATE: 10/13/06 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
06	100.00					2,500

COMMAND: .....

NOTE: Function Key usage varies depending on the Application Screen.  
For specifics, refer to Function Key Documentation.



State  
Corporation  
Commission

WEB#397  
TCP00069

CISM1001

OFFICERS/DIRECTORS AND PRINCIPAL OFFICE

CIS

08/10/07  
13:41:17

CORPORATE ID: 0549738 3 CURRENT AR# 206-73-1782 DATE 10/13/06

CORP NAME: FRANKLIN EAGLE MART CORP.

STREET: 29 WATERVIEW DRIVE

CITY: PORT JEFFERSON

STATE: NY ZIP: 11777

DIR REQUIRED: Y

OFFICERS/DIRECTORS DISPLAY FOR AR# 206-73-1782

S C  
E A  
L T

NAME

TITLE

SIGN

B

ADNAN KIRISCIOGLU

PRESIDENT

COMMAND:

.....

NOTE: Function Key usage varies depending on the Application Screen.  
For specifics, refer to Function Key Documentation.

# Notification for Underground Storage Tanks

FORM APPROVED  
OMB NO. 2050-0048  
APPROVAL EXPIRES 6-30-88

FOR  
TANKS  
IN  
VA

RETURN  
COMPLETED  
FORM  
TO

Russell P. Emlson, III, P.G.  
Virginia Water Control Board  
P.O. Box 11143  
Richmond, VA 23230-1143

(804) 257-6685

STATE USE ONLY

I.D. Number

Date Received

5-02-1988  
FEB 14 1988

## GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

**Who Must Notify?** Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—  
(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and  
(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

**What Tanks Are Included?** Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

**What Tanks Are Excluded?** Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:  
1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;  
2. tanks used for storing heating oil for consumptive use on the premises where stored;  
3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State law;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

**What Substances Are Covered?** The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

**Where To Notify?** Completed notification forms should be sent to the address given at the top of this page.

**When To Notify?** 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

**Penalties:** Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

## INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

4

### I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

Keffee + Rose Inc.

Street Address

3544 Battlefield Blvd. S.

County

City State ZIP Code

Chesapeake Va 23322

Area Code Phone Number

804 482-3953

Type of Owner (Mark all that apply )

- Current  State or Local Gov't  Private or Corporate  
 Former  Federal Gov't (GSA facility I.D. no. \_\_\_\_\_)  Ownership uncertain

### II. LOCATION OF TANK(S)

(If same as Section I, mark box here )

Facility Name or Company Site Identifier, as applicable

Eagle Mart # 3

Street Address or State Road, as applicable

Isle of Wight

County

Franklin Va 23851

City (nearest) State ZIP Code

Indicate number of tanks at this location

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

### III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here )

Marilyn Baker

Job Title

President

Area Code

804-482-3953

Phone Number

### IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location.

### V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

Marilyn Baker - Pres.

(Signature)

Marilyn Baker

Date Signed

2-9-89

CONTINUE ON REVERSE SIDE

CX 26

EPA 483

**VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)**

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 1	Tank No. 2	Tank No. 3	Tank No. 4	Tank No.	
<b>1. Status of Tank</b> (Mark all that apply <input checked="" type="checkbox"/> ) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/86	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>2. Estimated Age (Years)</b>	<u>25</u>	<u>25</u>	<u>25</u>	<u>25</u>		
<b>3. Estimated Total Capacity (Gallons)</b>	<u>4000</u>	<u>8000</u>	<u>8000</u>	<u>1000</u>		
<b>4. Material of Construction</b> (Mark one <input checked="" type="checkbox"/> ) Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____				
<b>5. Internal Protection</b> (Mark all that apply <input checked="" type="checkbox"/> ) Cathodic Protection Interior Lining (e.g., epoxy resins) None Unknown Other, Please Specify	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____				
<b>6. External Protection</b> (Mark all that apply <input checked="" type="checkbox"/> ) Cathodic Protection Painted (e.g., asphaltic) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____				
<b>7. Piping</b> (Mark all that apply <input checked="" type="checkbox"/> ) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____				
<b>8. Substance Currently or Last Stored in Greatest Quantity by Volume</b> (Mark all that apply <input checked="" type="checkbox"/> ) a. Empty b. Petroleum Diesel Kerosene Gasoline (including alcohol blends) Used Oil Other, Please Specify c. Hazardous Substance Please Indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No. Mark box <input checked="" type="checkbox"/> if tank stores a mixture of substances d. Unknown	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____ <input type="checkbox"/> <input type="checkbox"/>	
<b>9. Additional Information (for tanks permanently taken out of service)</b> a. Estimated date last used (mo/yr) b. Estimated quantity of substance remaining (gal.) c. Mark box <input checked="" type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	<u>1</u>  <input type="checkbox"/>	<u>1</u>  <input type="checkbox"/>	<u>1</u>  <input type="checkbox"/>	<u>? / 86</u> <u>0</u> <input checked="" type="checkbox"/> *	<u>1</u>  <input type="checkbox"/>	

# Notification for Underground Storage Tanks

State Agency Name and Address  
**DEQ-Water Division-UST Program**  
P.O. Box 10009  
Richmond, VA 23240-0009

## TYPE OF NOTIFICATION

A. NEW FACILITY     B. AMENDED     C. CLOSURE

\_\_\_\_\_ No. of tanks at facility    \_\_\_\_\_ No. of continuation sheets attached

## INSTRUCTIONS

Please type or print in ink all items except "signature" in section VIII. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy pages 3, 4 and 5, and staple continuation sheets to the form.

## GENERAL INFORMATION

Notification is required by Virginia law for all underground storage tanks that have been used to store regulated substances and were in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by §62.1-44.34-9.6 & 7 of the Virginia State Water Control Law, Article 9.

The primary purpose of this notification program is to locate and evaluate underground storage tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonable available records, or in the absence of such records, your knowledge, belief, or recollection.

### Who Must Notify?

A. Virginia State Water Control Law Article 9 § 62.1-44.34-9.6 & 7, requires that unless exempted, owners of underground storage tanks that store regulated substances must notify the State Water Control Board of the existence of their tanks. Owner means:

1) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use or dispensing of regulated substances, and

2) in the case of any underground storage tank in use before November 8, 1984; but no longer in use after that date, any person who owned such tank immediately before the discontinuation of its use, and

B. Owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground.

What UST's Must Be Notified? Underground storage tank or "UST" means any one or combination of tanks (including underground pipes connected thereto) that is used to contain an accumulation of regulated substances, and the volume of which (including the volume of underground pipes connected thereto) is 10% or more beneath the surface of the ground.

### What UST's Are Excluded From Notification Requirements?

1. Farm or residential tank of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. Tank used for storing heating oil for consumption on the premises where stored.

3. Septic tank;
4. Pipeline facility (including gathering lines) regulated under:
  - a. The Natural Gas Pipeline Safety Act of 1968 (49 U.S.C. App. 1671, et seq.), or
  - b. The Hazardous Liquid Pipeline Safety Act of 1979 (49 U.S.C. App. 2001, et seq.), or
  - c. Which is an intrastate pipeline facility regulated under state laws comparable to the provisions of the law referred to in subdivisions 4.a or 4.b of this definition;
5. Surface impoundment, pit, pond, or lagoon;
6. Storm-water or wastewater collection system;
7. Flow-through process tank;
8. Liquid trap or associated gathering lines directly related to oil or gas production and gathering operations; or
9. Storage tank situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

### The Following Need Not Notify, But May Be Regulated.

10. Wastewater treatment tank systems;
11. Any UST systems containing radioactive material that are regulated under the Atomic Energy Act of 1954 (42 USC 2011 and following);
12. Any UST system that is part of an emergency generator system at nuclear power generation facilities regulated by the Nuclear Regulatory Commission under 10 CFR Part 50, Appendix A;

13. Airport hydrant fuel distribution systems; and
14. UST systems with field-constructed tanks

What Substances Are Covered? "Regulated substance" means an element, compound, mixture, solution, or substance that, when released into the environment, may present substantial danger to the public health or welfare, or the environment. The term "regulated substance" includes:

1. Any substance defined in § 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, but not any substance regulated as a hazardous waste under subtitle C of the Resource Conservation and Recovery Act (RCRA) of 1976; and
2. Petroleum, including crude oil or any fraction thereof, that is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute). The term "regulated substance" includes but is not limited to petroleum and petroleum-based substances comprised of a complex blend of hydrocarbons derived from crude oil through processes of separation, conversion, upgrading, and finishing, such as motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, and used oils.

### When to Notify?

A. Any owner who brings an underground storage tank system into use must within 30 days of bringing such tank into use, submit a notice of existence of such tank system to the board. Any change in: ownership; tank status (e.g., temporarily / permanently closed out); tank/piping systems (e.g., upgrades such as addition of corrosion protection, internal lining, release detection); substance stored (e.g., change from petroleum to hazardous substance) requires the UST owner to submit an amended notification form within 30 days after such change/upgrade occurs or is brought into use. Owners may provide notice for several tanks using one notification form, but owners with tanks located at more than one place of operation must file a separate notification form for each separate place of operation.

Under Virginia UST notification requirements effective July 1, 1987, owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground, must notify the board on the notification form.

Notices required to be submitted must provide all of the information in Sections I through IX of this form (Section X as required) for each tank for which notice must be given. Notices for tanks installed after December 22, 1988, must also provide all of the information in Section XI of this form for each tank for which notice must be given.

B. All owners and operators of new UST systems must certify in the notification form compliance with the following requirements of Virginia Regulation 9 VAC 25-580-10, et seq:

1. Installation of tanks and piping under subsection E of § 2.1;
2. Cathodic protection of steel tanks and piping under subsections A and B of § 2.1;
3. Release detection under §§ 4.2. and 4.3.

C. All owners and operators of new UST systems must ensure that the installer certifies in the notification form that the methods used to install the tanks and piping comply with the requirements in subsection D of § 2.1 of 9 VAC 25-580-10, et seq.

D. Beginning October 24, 1988, any person who sets a tank intended to be used as an underground storage tank must notify the purchaser of such tank of the owner's notification obligations under subsection A of this section. The statement provided in Appendix II of VR 680-13-02 may be used to comply with this requirement.

## OWNERSHIP OF TANK(S)

Franklin Eagle Mart Corp  
Owner Name (Corporation, Individual, Public Agency, or Other Entity)

1397 Carrsville Hwy  
Street Address

Franklin VA 23851  
City State ZIP Code

757 562 2659  
County Phone Number (Include Area Code)

## LOCATION OF TANK(S)

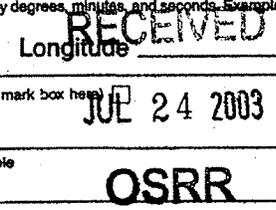
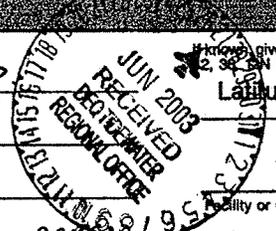
Give the geographic location of tank(s) by degrees, minutes, and seconds. Example Lat. 36° 38' 24" Long. 85° 24' 17"W  
Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

PURE  
Quality or Company Site Identifier, as applicable

1397 Carrsville Hwy  
Street Address (P. O. Box not acceptable)

Franklin VA 23851  
City State ZIP Code

County Municipality



III. TYPE OF OWNER		IV. INDIAN LANDS	
<input type="checkbox"/> Federal Government	<input checked="" type="checkbox"/> Commercial	Tanks are located on land within an Indian Reservation or on other trust lands. <input type="checkbox"/>	Tribe or Nation: _____
<input type="checkbox"/> State Government	<input type="checkbox"/> Private		
<input type="checkbox"/> Local Government		Tanks are owned by Native American nation, tribe, or individual. <input type="checkbox"/>	

Select the Appropriate Facility Description:

<input checked="" type="checkbox"/> Gas Station/Convenience Store	<input type="checkbox"/> State Government	<input type="checkbox"/> Contractor
<input type="checkbox"/> Petroleum Distributor	<input type="checkbox"/> Railroad	<input type="checkbox"/> Trucking/Transport
<input type="checkbox"/> Air Taxi (Airline)	<input type="checkbox"/> Federal - Non-Military	<input type="checkbox"/> Utilities
<input type="checkbox"/> Aircraft Owner	<input type="checkbox"/> Federal - Military	<input type="checkbox"/> Residential
<input type="checkbox"/> Auto Dealership	<input type="checkbox"/> Commercial	<input type="checkbox"/> Farm
<input type="checkbox"/> Local Government	<input type="checkbox"/> Industrial	<input type="checkbox"/> Other (Explain) _____

V. CONTACT PERSON IN CHARGE OF TANKS

Name (Print)	Job Title	Mailing Address	Phone Number (Include Area Code)
TAMER ARKUN	G. Mgr.	1397 Carrville Hwy Franklin VA 23851	757-562 2654

VI. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with VR680-13-03 utilizing the following method(s).

Mark All that Apply

<input type="checkbox"/> Self Insurance	<input type="checkbox"/> Guarantee	<input type="checkbox"/> Virginia Underground Petroleum Storage Tank Fund
<input checked="" type="checkbox"/> Commercial Insurance	<input type="checkbox"/> Surety Bond	<input type="checkbox"/> Trust Fund
<input type="checkbox"/> Risk Retention Group	<input type="checkbox"/> Letter of Credit	<input type="checkbox"/> Other Method Allowed (Specify) _____

VII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. (To be signed by either the owner or the owner's authorized representative)

Name and official title of owner (Print) FRANKLIN EAGLE MART, Corp. By ADNAN KIRISCIOGLU Pres.	Signature <i>Adnan Kiriscioglu</i>	Date Signed 6/25/2003
Name and official title of owner's authorized representative (Print)	Signature	Date Signed

# Notification for Underground Storage Tanks (USTs)

Virginia DEQ Water Form 7530-2

(See reverse for mailing instructions)

Rev. (01/03)

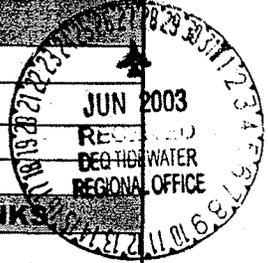
## STATE USE ONLY

ID Number: 5038920  
 Date Received: 6/27/03  
 Date Entered: 7/14/03  
 Entered By: [Signature]  
 Comments: 0

### PART I: PURPOSE OF NOTIFICATION

Check all that apply:

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> New (not previously registered) facility      | <input type="checkbox"/> Temporary closure         | <input type="checkbox"/> Change in tank contents |
| <input type="checkbox"/> New tank(s) at previously registered facility | <input type="checkbox"/> Tank removal or closure   | <input checked="" type="checkbox"/> New owner    |
| <input type="checkbox"/> Change in tanks (e.g., upgrade)               | <input type="checkbox"/> Piping removal or closure | <input type="checkbox"/> Change in owner address |
| <input type="checkbox"/> Change in piping (e.g., upgrade)              | <input type="checkbox"/> Other (specify):          |  |



### PART II: OWNERSHIP OF TANKS

### PART III: LOCATION OF TANKS

A. Owner Name: FRANKLIN EAGLE MART, Corp.  
 B. Owner Address: 1397 Carrsville Hwy  
 C. City, State, Zip: Franklin VA 23851  
 D. Name of Contact Person: TAMER ARKLAN  
 E. Title of Contact Person: G. Mgr.  
 F. Phone Number: (757) 562 2659 Fax Number: (757) 562 6902  
 G. E-mail Address: \_\_\_\_\_  
 H. Name of Previous Owner: Crossroads Fuel service / Keffler-Rose Inc

A. Facility Name: Pure  
 B. Facility Street Address (P.O. Box not acceptable): Same  
 C. City, Zip: \_\_\_\_\_  
 D. County or Municipality where Facility is Located: RECEIVED  
 E. Name of Contact Person: Same  
 F. Title of Contact Person: \_\_\_\_\_  
 G. Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_  
 H. E-mail Address: \_\_\_\_\_

JUL 24 2003

OSRR

### PART IV: TYPE OF OWNER

### PART V: TYPE OF FACILITY

- |   |  |  |   |  |                                    |
|---|--|--|---|--|------------------------------------|
| <input type="checkbox"/> Federal government | <input checked="" type="checkbox"/> Commercial | <input checked="" type="checkbox"/> Retail gas station | <input type="checkbox"/> Federal non-military | <input type="checkbox"/> Commercial (non-resale) | <input type="checkbox"/> Residence |
| <input type="checkbox"/> State government   | <input type="checkbox"/> Private               | <input type="checkbox"/> Petroleum distributor         | <input type="checkbox"/> Federal military     | <input type="checkbox"/> Industrial              | <input type="checkbox"/> Farm      |
| <input type="checkbox"/> Local government   |  | <input type="checkbox"/> Local government              | <input type="checkbox"/> State government     | <input type="checkbox"/> Other _____             |                                    |

### PART VI: FINANCIAL RESPONSIBILITY

The tank owner has met the financial responsibility requirements contained in 9 VAC 25-590-10 et seq. using the following methods/mechanisms

- |   |   |   |   |
|---|---|---|---|
| <input type="checkbox"/> Self Insurance | <input checked="" type="checkbox"/> Insurance | <input type="checkbox"/> Letter of Credit | <input type="checkbox"/> Virginia Petroleum Storage Tank Fund |
| <input type="checkbox"/> Guarantee      | <input type="checkbox"/> Surety Bond          | <input type="checkbox"/> Trust Fund       |   |

### PART VII: OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I understand that the owner of the underground storage tanks hereby registered is responsible for compliance with the requirements of Virginia Regulations 9 VAC 25-580-10 et seq. and federal regulation 40 CFR Part 280, among other requirements. I warrant and represent that I am the owner or that I have the authority to sign this certification on behalf of the owner. I understand that this notification form is sufficient evidence to establish ownership of tanks subject to 9 VAC 25-580-10 et seq.

ADNAN KIRISLIOGLU Pres.      [Signature]      06 / 25 / 2003  
 Name and Title (Type or Print)      Signature      Date

### PART VIII: INSTALLER CERTIFICATION

I certify that the installation of this tank was performed in accordance with all federal, state and local installation requirements. I warrant and represent that I am the installer or that I have the authority to sign this certification on behalf of the installer.

\_\_\_\_\_  
 Name and Title (Type or Print)      Signature      Date  
 \_\_\_\_\_  
 Company Name      Address      Telephone Number

JUSTP

PART IX: TANK DESCRIPTION FOR NEW INSTALLATIONS AND AMENDMENTS										
Owner Tank Identification Number	1		2							
DEQ Tank Identification Number										
Tank Status	<input type="checkbox"/> New Tank <input checked="" type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input checked="" type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input checked="" type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment						
Date of Installation (MM/DD/YYYY)										
Date of Amendment (MM/DD/YYYY)	6/25/03		6/25/03							
Tank Capacity (Gallons)	8000		8000							
Substance stored (if hazardous, include CERCLA name and/or CAS number)	Gasoline		Gasoline							
Material of Construction (v all that apply)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coated and Cathodically Protected/STI-P3®	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>						
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Impressed Current System Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Composite (Steel Clad with Fiberglass)/ACT 100 @	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Lined Interior	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Polyethylene Tank Jacket	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Concrete	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Excavation Liner	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Asphalt Coated or Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Secondary Containment		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Polyflexible piping		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Galvanized Steel		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Other (specify)										
Has tank/piping been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Piping Type	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Safe Suction (No Check Valve at Tank)		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
U.S. Suction (Check Valve at Tank)		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Pressure		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Gravity Fed		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Release Detection	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Manual Tank Gauging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>						
Tightness Testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inventory Control	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Automatic Tank Gauging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>						
Vapor Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Groundwater Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interstitial Monitoring-Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interstitial Monitoring-Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Line Leak Detectors		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Statistical Inventory Reconciliation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify)										
Spill Containment & Overfill Prevention	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Spill Containment/Bucket	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Overfill Automatic Shutoff	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Overfill Alarm	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Overfill Ball Float Valve	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

# Notification for Underground Storage Tanks (USTs)

Virginia DEQ Water Form 7580-2

(See reverse for mailing instructions)

Rev. (01/03)

## STATE USE ONLY

ID Number: 053105  
 Date Received: 05/31/05  
 Date Entered: 06/01/05  
 Entered By: Angela Gent  
 Comments:

### PART I: PURPOSE OF NOTIFICATION

Check all that apply:

- New (not previously registered) facility
- Temporary closure
- Change in tank contents
- New tank(s) at previously registered facility
- Tank removal or closure
- New owner
- Change in tanks (e.g., upgrade)
- Piping removal or closure
- Change in owner address
- Change in piping (e.g., upgrade)
- Other (specify): amendment of information

### PART II: OWNERSHIP OF TANKS

### PART III: LOCATION OF TANKS

A. Owner Name  
ADONAN KIRISCIOGLU

B. Owner Address  
2664 RT 112

C. City, State, Zip  
MEDFORD N.Y 11763

D. Name of Contact Person  
TAMER ARSLAN

E. Title of Contact Person  
MANAGER

F. Phone Number  
(757) 562 2659

Fax Number  
(757) 562 6902

G. E-mail Address

H. Name of Previous Owner  
LYNN KEEFER

A. Facility Name  
FRANKLIN EAGLE MART

B. Facility Street Address (P.O. Box not acceptable)  
1397 CARROLLVILLE HWY

C. City, Zip  
FRANKLIN VA 23851

D. County or Municipality where Facility is Located  
ISLE OF WEIGHT

E. Name of Contact Person  
TAMER ARSLAN

F. Title of Contact Person  
MANAGER

G. Phone Number  
(757) 562 2659

Fax Number  
(757) 562 2659

H. E-mail Address

**RECEIVED**  
 JUN 14 2005

**OSRR**

### PART IV: TYPE OF OWNER

### PART V: TYPE OF FACILITY

- Federal government
- Commercial
- State government
- Private
- Local government

- Retail gas station
- Petroleum distributor
- Local government

- Federal non-military
- Federal military
- State government
- Commercial (non-resale)
- Industrial
- Other
- Residence
- Farm

### PART VI: FINANCIAL RESPONSIBILITY

The tank owner has met the financial responsibility requirements contained in 9 VAC 25-590-10 et seq. using the following methods/mechanisms.

- Self Insurance
- Insurance
- Letter of Credit
- Virginia Petroleum Storage Tank Fund
- Guarantee
- Surety Bond
- Trust Fund

### PART VII: OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I understand that the owner of the underground storage tanks hereby registered is responsible for compliance with the requirements of Virginia Regulations 9 VAC 25-580-10 et seq. and federal regulation 40 CFR Part 280, among other requirements. I warrant and represent that I am the owner or that I have the authority to sign this certification on behalf of the owner. I understand that this notification form is sufficient evidence to establish ownership of tanks subject to 9 VAC 25-580-10 et seq.

TAMER ARSLAN MANAGER  
 Name and Title (Type or Print)

Signature

Date

05/31/05

### PART VIII: INSTALLER CERTIFICATION

I certify that the installation of this tank was performed in accordance with all federal, state and local installation requirements. I warrant and represent that I am the installer or that I have the authority to sign this certification on behalf of the installer.

Name and Title (Type or Print)

Signature

Date

Company Name

Address

Telephone Number

CX 28

EPA 489

**PART IX: TANK DESCRIPTION FOR NEW INSTALLATIONS AND AMENDMENTS**

<b>Owner Tank Identification Number</b>	1		2							
<b>DEQ Tank Identification Number</b>										
<b>Tank Status</b>	<input type="checkbox"/> New Tank <input checked="" type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input checked="" type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment							
<b>Date of Installation (MM/DD/YYYY)</b>	1988		1988							
<b>Date of Amendment (MM/DD/YYYY)</b>										
<b>Tank Capacity (Gallons)</b>	8000		8000							
<b>Substance stored (if hazardous, include CERCLA name and/or CAS number)</b>	GAS		GAS							
<b>Material of Construction (v all that apply)</b>	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coated and Cathodically Protected/STI-P3®	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Impressed Current System Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Composite (Steel Clad with Fiberglass)/ACT 100®	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Lined Interior	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Polyethylene Tank Jacket	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Concrete	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Excavation Liner	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Asphalt Coated or Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Secondary Containment		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Polyflexible piping		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Galvanized Steel		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Other (specify)										
Has tank/piping been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Piping Type</b>	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Safe Suction (No Check Valve at Tank)		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
U.S. Suction (Check Valve at Tank)		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Pressure		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Gravity Fed		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
<b>Release Detection</b>	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Manual Tank Gauging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tightness Testing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inventory Control	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Automatic Tank Gauging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vapor Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Groundwater Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interstitial Monitoring-Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interstitial Monitoring-Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Line Leak Detectors		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Statistical Inventory Reconciliation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify)										
<b>Spill Containment &amp; Overfill Prevention</b>	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Spill Containment/Bucket	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Overfill Automatic Shutoff	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Overfill Alarm	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Overfill Ball Float Valve	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

**RCRA Subtitle I Inspection Report**  
**UST Compliance Evaluation Inspection**

Franklin Eagle Mart  
1397 Carrsville Highway  
Franklin, Virginia 23851

Telephone Number: 757-562-2659

Date of Inspection: March 31, 2010

Facility ID: 5022340

EPA-Region 3 Inspectors:

Andrew Ma, Environmental Scientist  
Office of Land Enforcement  
(215)-814-3429

Melissa Toffel, Environmental Protection Specialist  
Office of Land Enforcement  
(215)-814-2060

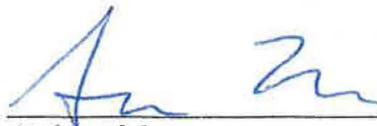
Tank Owner:

Adnan Kiriscioglu, Owner  
New Jersey Petroleum Organization (NJPO)  
(201)-866-9000

Tank Owner Representative:

Tamer Arklan, General Manager  
NJPO  
(757)-562-2659

Jennifer Arklan, Former Employee  
NJPO

  
Andrew Ma

5/24/10  
Date

**CX 29**

**EPA 491**

## **Background**

On March 31, 2010 the United States Environmental Protection Agency (“EPA”), Region 3, Land and Chemicals Division, Office of Land Enforcement conducted a Compliance Evaluation Inspection (“CEI”) of the underground storage tanks (“UST”) at the Franklin Eagle Mart located at 1397 Carrsville Highway, Franklin, Virginia 23851 (“the Facility”) to determine the extent of the compliance with Subtitle I of the Resource Conservation and Recovery Act (“RCRA”). The Virginia Department of Environmental Quality (VADEQ) was notified of the inspection on March 22, 2010, but no VADEQ representative was present at the inspection. EPA Enforcement Officer, Andrew Ma, contacted the owner of the Facility, Adnan Kiriscioglu of New Jersey Petroleum Organization (NJPO), and notified him of the EPA inspection 4 days prior to the inspection.

## **Inspection Observations**

### **Inspection Procedures:**

Upon arrival at 8 AM, EPA inspector Ma showed his credentials to Tamer Arklan, an employee of NJPO that manages the Facility. Mr. Arklan stated that he has been an employee of NJPO since 2001, and that NJPO’s mailing address is 8012 Tonnelle Avenue, North Bergen, NJ, 07047. Mr. Ma explained the scope and purpose of the inspection to Mr. Arklan, and EPA inspectors proceeded with the inspection. After completing the inspection, Mr. Ma completed the Region 3 UST Compliance Checklist, which is included as Attachment 1 to this report.

### **Tank Descriptions:**

The Facility has two USTs, which are summarized in Table 1 below. See the site diagram sketch in Attachment 1, and for an overview of the Facility, please see Photo #1 in the Photo Log (Attachment 2). Tank 1 stores diesel fuel and Tank 2 stores regular gasoline. At the time of the inspection, the Facility was not selling or dispensing diesel fuel or gasoline. Mr. Arklan stated that the last fuel delivery occurred on 1/19/10, which was delivered by Crossroads Fuel Delivery Service, Inc. Mr. Arklan also stated that the last sale of fuel occurred on 2/1/09, and that the Facility began selling diesel fuel from Tank 1 on 1/5/09. Prior to 1/5/09, Tank 1 previously held premium gasoline.

**Table 1**  
**Underground Storage Tank and Piping details for the Facility located at**  
**1397 Carrsville Highway, Franklin, Virginia 23851**

Tank Number	Material Stored	Capacity (Gallons)	Installation Date	Tank Construction	Piping Construction Material
1	Diesel	8,000	1/1/88	cathodically-protected Steel	FRP
2	Gasoline (Regular)	8,000	1/1/88	cathodically-protected steel	FRP

Fiberglass Reinforced Plastic (“FRP”)

**Tank Release Detection:**

At the time of the inspection the inspectors observed a Veeder-Root ("VR") TLS-350 Automatic Tank Gauging ("ATG") monitoring system inside the store at the Facility (Photo #2). During the inspection, the VR TLS-350 monitor indicated a "Low Product Alarm" for Tank 1 and Tank 2. The EPA inspectors printed a System Status Report and Inventory Report from the VR TLS-350 monitor (Attachment 3: VR TLS-350 ATG Printouts). A "Low Product Alarm," "Invalid Fuel Delivery," and "Delivery Needed" were indicated for Tank 1 and Tank 2. The Inventory Report printout showed that at the time of the inspection Tank 1 contained 314 gallons of diesel fuel, and Tank 2 contained 302 gallons of regular gasoline. EPA inspectors also printed a "Leak Test Report" for Tank 1 and Tank 2 and each indicated "Low Level Test Error; Percent Volume Too Low; Invalid Fuel Level" for each tank (Attachment 3).

Other VR TLS-350 records printed at the time of the inspection that are included as part of Attachment 3 includes the "Tank leak History" and "In-Tank Diagnostics" for Tank 1 and the "Alarm History Report" for Tank 1 and Tank 2. Also included in Attachment 3 is the "System Setup," "Communication Setup," "In-Tank Setup," and the "Leak Test Method" for Tank 1 and Tank 2. At the time of the inspection, the Facility did not have monthly VR TLS-350 ATG tank release detection records on-site.

Mr. Arklan stated that the Facility does not currently use the VR TLS-350 ATG as a form of release detection. Mr. Arklan stated that he prints out a tank inventory report every evening from the VR TLS-350 monitor. He enters any sales data into a computer, and he faxes the sales data and the tank inventory report to NJPO. NJPO collects and records the tank inventory report data to be sent for monthly Statistical inventory reconciliation ("SIR") at the end of each month. Mr. Arklan provided inspectors with an example of the sales data report and tank inventory data report for March 30, 2010, which was sent to NJPO (Attachment 4). At the time of the inspection, Mr. Arklan could not provide EPA inspectors with copies of the tank release detection SIR records, and he suggested that the inspectors contact NJPO for copies of SIR release detection records.

EPA inspectors lifted a lid to the sump that contained the ATG port for Tank 1. EPA inspectors observed liquid and rust in the sump which housed the ATG port (Photo #8). EPA inspectors also lifted the lid to the sump that contained the ATG port for Tank 2, and observed the sump to be rusted and containing liquid (Photo #5).

**Piping Release Detection:**

The pressurized piping for Tank 1 and Tank 2 have line leak detectors as a form of release detection. The line leak detectors for Tank 1 and Tank 2 are installed in separate sumps from their respective ATG ports. When the inspectors lifted the lid to the sump containing the Submersible Turbine Pump ("STP") for Tank 1 (Photo #7), the sump appeared to be uncontained. The inspectors observed liquid in the sump for Tank 1, but could not verify the material of construction of the piping leaving the sump, because there was soil in the sump partially covering the STP. The inspectors also observed a line leak detector for the piping affiliated with Tank 1, but were unable to read the make, model, and serial number from the top of the line leak detector. The EPA inspectors observed a line leak detector in the sump containing the STP for Tank 2, but could not

read the make, model, or serial number from the top of the line leak detector (Photo #4). The sump for Tank 2 appeared to be uncontained. The inspectors observed liquid in the sump for Tank 2, but could not verify the material of construction of the piping leaving the sump, because there was soil partially covering the STP and piping.

The Facility provided a copy of a line tightness test for the underground piping affiliated with Tank 1 and Tank 2, as well as annual line leak detector functionality test for their line leak detectors. The testing was conducted by Crompco, LLC on Tuesday, November 3, 2009, and the Facility provided a copy of the test results as seen in Attachment 5. The test results indicate that the piping is FRP pressurized piping, and the line leak detectors are Red Jacket mechanical line leak detectors. The line tightness tests and annual line leak detector functionality tests for November 3, 2009 also indicated passing results for both lines affiliated with Tank 1 and Tank 2. The Facility did not have line tightness testing records or line leak detector functionality testing records for 2010 on-site at the time of the inspection, and the Facility did not have copies of passing results for 2007 or 2008 at the time of the inspection.

On May 11, 2010, NJPO e-mailed copies of line tightness testing and line leak detector testing to EPA. The testing was completed by Crompco, LLC on November 3, 2009, December 11, 2008, and December 5, 2007 (Attachment 6). The November 3, 2009 copies of the Crompco, LLC test results that were sent via e-mail on May 11, 2010, are the same copies of the testing provided by the Facility during the inspection as seen in Attachment 5. The December 11, 2008 line tightness tests indicated "Inconclusive" results for the underground piping affiliated with Tank 1 and Tank 2, and the annual line leak detector functionality tests indicated passing results for the leak detectors for both Tank 1 and Tank 2. The test results also showed that the grade of fuel contained in Tank 1 during the test on December 11, 2008 was "Regular," and the grade of fuel contained in Tank 2 was "Premium." The December 5, 2007 line tightness tests indicated passing results for underground piping affiliated with Tank 1 (Premium) and Tank 2 (Regular). The December 5, 2007 annual line leak detector functionality tests indicated a "Fail" result for Tank 1 (Premium) and a passing result for Tank 2 (Regular).

#### **Cathodic Protection:**

Based on information gathered from the VADEQ prior to the inspection, all tanks at the Facility are constructed of steel. At the time of the inspection the sumps for Tank 1 and Tank 2 contained soil that partially covered the STP for each tank. The inspectors could not verify the material of construction of the piping inside the sump, because the piping components leaving the sump were covered in soil.

The inspectors observed the piping underneath dispensers #5 & #6 (Photo #9). The inspectors observed a shear valve, but did not observe a dispenser pan. By touching a magnet to the piping, the inspectors verified that the piping going into the ground is fiberglass. The inspectors also observed the piping underneath dispenser #3 & #4 (Photo #10). The inspectors observed a shear valve, but did not observe a dispenser pan. By touching a magnet to the piping, the inspectors verified that the piping going into the ground is fiberglass.

Testing conducted by Crompco, LLC on November 3, 2009 indicated that the material of construction for Tank 1 and Tank 2 is steel, and that the underground piping affiliated with Tank 1 and Tank 2 is constructed of FRP. The cathodic protection tests conducted by Crompco, LLC on November 3, 2009 reveal that Tank 1 and Tank 2 are cathodically protected by sacrificial anodes. Crompco, LLC indicated passing cathodic protection tests for Tank 1 and Tank 2 on November 3, 2009 (Attachment 5). The cathodic protection test report indicated failing results for flex connectors for each dispenser (#1 - #7), and failing results for the flex connectors affiliated with the STP for Tank 1 and Tank 2. The cathodic protection report also stated "No CP Installed" for the flex connectors in all of the dispensers (#1 - #7), as well as for the flex connectors affiliated with both STPs for Tank 1 and Tank 2. At the time of the inspection, the Facility did not have records of cathodic protection testing for Tank 1 and Tank 2 and the affiliated underground piping for 3 years prior to the November 3, 2009 test.

After the EPA inspection, NJPO e-mailed copies of cathodic protection testing to EPA on May 11, 2010. The testing was completed by Crompco, LLC on November 3, 2009, December 11, 2008, and December 5, 2007 (Attachment 6). The cathodic protection test results provided by the Facility for November 3, 2009 were copies of the same results provided by the Facility during the inspection as seen in Attachment 5. The December 11, 2008 cathodic protection test showed passing results for Tank 1 and Tank 2, and failing results for the flex connectors for each dispenser (#1 - #7), and failing results for the flex connectors affiliated with the STP for Tank 1 and Tank 2. The December 11, 2008 cathodic protection test results also stated "No CP Installed" for the flex connectors in all of the dispensers (#1 - #7), and for the flex connectors affiliated with the STPs for Tank 1 and Tank 2. The December 5, 2007 cathodic protection test results included: passing results for Tank 1 and Tank 2, failing results for flex connectors for each dispenser (#1 - #7), and failing results for the flex connectors affiliated with the STP for Tank 1 and Tank 2.

**Financial Assurance:**

At the time of the inspection, the Facility did not have documentation of a financial assurance insurance policy that covers potential releases from the USTs at the Facility.

**Used Oil:**

The EPA inspectors did not observe any used-oil tanks at the Facility during the inspection.

**Spill/Overfill Prevention:**

The EPA inspectors observed an overfill cutoff valve ("flapper valve") in the fill pipe for Tank 2. The inspectors also observed a spill bucket for Tank 2, which was bent along its edge and had a loose internal liner (Photo #3). The inspector verified a flapper valve in the fill pipe for Tank 1, as well as a spill bucket in the fill port (Photo #6).

**Attachments:**

1. Region 3 UST Compliance Checklist
2. Photo Log
3. VR TLS-350 ATG Printouts
4. Facility Tank Inventory Data
5. November 3, 2009 LDDT, LTT, & CP Test
6. May 11, 2010 Post Inspection Information: LDDT, LTT, CP Test for November 3, 2009, December 11, 2008 and December 5, 2007

**Attachment 1**

**Region 3 UST Compliance Checklist**



### Leak Detection Inspection Checklist

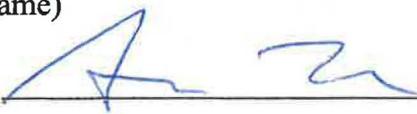
I. Ownership of Tank(s)	II. Location of Tank(s)
New Jersey Petroleum Organization (NJPO) Adnan Kiriscioglu 631-207-1563	Franklin Eagle Mart, 1397 Carrsville Highway, Franklin, VA 23851; Phone #: 757-562-22659 <b>Number of Tanks at This Location: <u>2</u></b>

III. Tank Information <span style="float: right;">Complete for each tank. If facility has more than 4 tanks, photocopy page and complete information for additional tanks.</span>				
Tank presently in use (circle)	Tank 1	Tank 2	Tank 3	Tank 4
If not, date last used				
If emptied, verify 1" or less of product in tank				
Month and Year Tank Installed	1/88	1/88		
Material of Construction tank/pipe	Steel / FRP	Steel / FRP		
Capacity of Tank (in gallons)	8,000	8,000		
Substance Stored	diesel	gasoline		

IV.A. Release Detection For Tanks <span style="float: right;">Check the release detection method(s) used for each tank or N/A if none required.</span>				
Manual Tank Gauging (tanks under 1,000 gal.)				
Manual Tank Gauging and Tank Tightness Testing (tanks under 2,000 gal.)				
Tank Tightness Testing and Inventory Control				
Automatic Tank Gauging				
Vapor, Groundwater or Interstitial Monitoring				
Other approved method (SIR)	SIR	SIR		

IV.B. Release Detection For Piping <span style="float: right;">Check the release detection method(s) used for piping.</span>				
Check Pressurized (P) or Suction (S) Piping for each tank	P	P		
Automatic Line Leak Detectors, <b>and</b> check one	X	X		
Vapor or Groundwater Monitoring				
Secondary Containment with Monitoring				
Line Tightness Testing	X	X		

I, Andrew Ma, certify that I have inspected the above named facility on March 31, 2010  
 (print name) month/day/year

Inspector's Signature: 

Date: 5/24/10

EPA 498

### Leak Detection for Piping

**Pressurized Piping** A method must be selected from each set. Where applicable indicate date of last test. If this facility has more than 4 tanks, please photocopy this page and complete information for all additional piping.

Set 1	Tank 1	Tank 2	Tank 3	Tank 4
Automatic Flow Restrictor				
Automatic Shut-off Device	X	X		
Continuous Alarm System				
<b>and</b>				
<b>Set 2</b>				
Annual Line Tightness Testing	11/3/09 (P)	11/3/09 (P)		
Interstitial Monitoring				
If Interstitial Monitoring, documentation of monthly monitoring is available				
Ground-Water or Vapor Monitoring				
If Ground-Water or Vapor Monitoring, documentation of monthly monitoring is available				
Other Approved Method (specify in comments section)				

**Suction Piping.** Indicate date of most recent test.

Line Tightness Testing (required every 3 years)				
Secondary Containment with Interstitial Monitoring				
Ground-Water or Vapor Monitoring				
Other Approved Method (specify in comments section)				
<b>No Leak Detection Required (must answer yes to all of the following questions)</b>				
Operates at less than atmospheric pressure				
Has only one check valve, which is located directly under pump				
Slope of piping allows product to drain back into tank when suction released				
All above information on suction piping is verifiable				

On the back of this sheet, please sketch the site, noting all piping runs, tanks (including size and substances stored) and location of wells and their distance from tanks and piping.

Comments: The inspector reviewed LLDTs/LTTs by Crompco, Inc. for 11/3/2009, which indicated passing LLDTs/LTTs for Tank 1 and Tank 2. After the inspection the Facility also provided LLDT/LLTs for 12/11/08 and 12/6/07.

Inspector's Signature: \_\_\_\_\_



EPA 499

Date: 5/24/10

**Inventory Control and Tank Tightness Testing**

Method of tank tightness testing: \_\_\_\_\_

Address of tank tightness tester: \_\_\_\_\_

**Please complete all information for each tank**      If this facility has more than 4 tanks, please photocopy this page and complete the information for all additional tanks.

	Tank 1	Tank 2	Tank 3	Tank 4
Date of last tank tightness test.				
Did tank pass test? Indicate yes or no. If no, specify in comments section below the status of the tank or what actions have been taken (e.g., has state been notified?)				
Documentation of deliveries and sales balances with daily measurements of liquid volume in tank are maintained and available.				
Overages or shortages are less than 1% + 130 gals of tank's flow-through volume.				
If no, which months were not?				

**Please answer yes or no for each question**

Owner/operator can explain inventory control methods and figures used and recorded.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Records include monthly water monitoring.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Tank inventory reconciled before and after fuel delivery.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Books are reconciled monthly.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Appropriate calibration chart is used for calculating volume.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Dispenser pumps are calibrated to within 6 cubic inches per five gallons.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
The drop tube in the fill pipe extends to within one foot of tank bottom.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Owner can demonstrate consistency in dipsticking techniques.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
The dipstick is long enough to reach the bottom of the tank.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
The ends of the gauge stick are flat and not worn down.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
The dipstick is marked legibly & the product level can be determined to the nearest 1/8th inch.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
The tank has been tested within the year & has passed the tightness test (if necessary).	Yes <input type="checkbox"/>	No <input type="checkbox"/>
A third-party certification of the tank tightness test method is available.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Tank tester complied with all certification requirements.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Monitoring and testing are maintained and available for the past 12 months.	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Comments: N/A

Inspector's Signature: *Am*

EPA 500

Date: 5/24/10

**Vapor Monitoring**

Name of monitoring device: \_\_\_\_\_  
 Date system installed \_\_\_\_\_ Number of monitoring wells \_\_\_\_\_  
 Distance of monitoring well(s) from tank(s) (1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_  
 Site assessment was conducted by: \_\_\_\_\_  
 Location of site assessment documentation: \_\_\_\_\_

**Please indicate yes or no for each tank** Please complete all information for each tank. If facility has more than 4 tanks, please photocopy this page and complete the information for additional tanks.

	Tank 1	Tank 2	Tank 3	Tank 4
Well is clearly marked and secured.				
Well caps are tight.				
Well is constructed so that monitoring device is not rendered inoperative by moisture or other interferences.				
Well is free of debris or has other indications that it has been recently checked.				

**Please answer yes or no for each question**

UST excavation zone was assessed prior to vapor monitoring system installation.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
One or more USTs is/are included in system.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	

**If the system is automatic, check the following:**

Power box is accessible and power light is on.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Documentation of monthly readings is available for last 12 months.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Equipment used to take readings is accessible and functional.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Vapor monitoring equipment has been calibrated within the last year.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	

**If the system is manual, check the following:**

Documentation of monthly readings is available for last 12 months.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Equipment used to take readings is accessible and functional.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Vapor monitoring equipment has been calibrated within the last year.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Porous material was used for backfill.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Wells are placed within the excavation zone.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Level of background contamination is known. If so -- what is level?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	

On the back of this sheet, please sketch the site, noting all piping runs, tanks (including size and substances stored) and location of wells and their distance from tanks and piping.

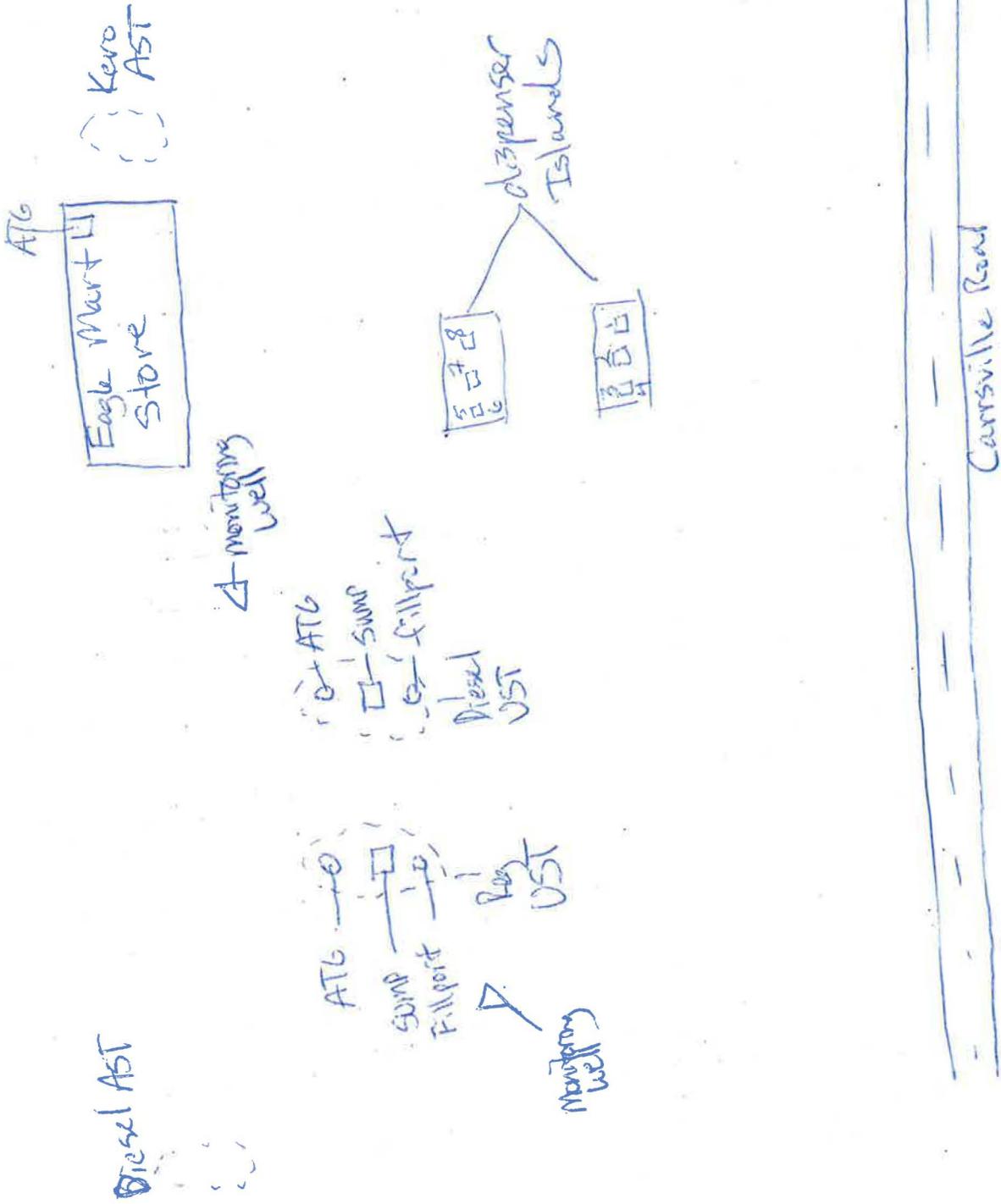
Comments: N/A

Inspector's Signature: [Signature]

EPA 501

Date: 5/24/10

Site Sketch/Photo Log



### Manual Tank Gauging

Manual tank gauging may be used as the sole method of leak detection only for tanks of 1,000 gal. or fewer or in combination with tank tightness testing for tanks of up to 2,000 gal.

Please indicate the number of the tank or tanks for which manual tank gauging is used as the main leak detection method (e.g., tanks 1 & 4):

**Please answer yes or no for each question**

Records show liquid level measurements are taken at beginning and end of period of at least ([Circle one] 36, 44, 58) hours during which no liquid is added to or removed from the tank.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Level measurements are based on average of two consecutive stick readings at both beginning and end of period.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Monthly average of variation between beginning and end measurements is less than standard shown below for corresponding size and dimensions of tank and waiting time.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Gauge stick is long enough to reach bottom of the tank. Ends of gauge stick are flat and not worn down.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Gauge stick is marked legibly and product level can be determined to the nearest one-eighth of an inch.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
MTG is used as sole method of leak detection for tank.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
MTG is used in conjunction with tank tightness testing.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Are all tanks for which MTG is used under 2,000 gallons in capacity?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Are monitoring records available for the last 12 month period?	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Check One:	Nominal Tank Capacity (in gallons)	Tank Dimensions	Monthly Standard (in gallons)	Minimum Test Duration
( )	110-550	N/A	5	36 hours
( )	551 - 1,000*	N/A	7	36 hours
( )	1,000*	64" diameter x 73" length	4	44 hours
( )	1,000*	48" diameter x 128" length	6	58 hours
( )	1,001 - 2,000*	N/A	13	36 hours

\* Manual tank gauging must be used in combination with tank tightness testing for tanks over 550 gal. and up to 2,000 gal.

Comments: *N/A*

Inspector's Signature:

EPA 503

Date: *5/24/10*

### Ground Water Monitoring

Date System Installed: \_\_\_\_\_

Distance of well from tank(s) (1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_

Distance of well from piping (1) \_\_\_\_\_ (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_

Site assessment was conducted by: \_\_\_\_\_

Location of site assessment documentation: \_\_\_\_\_

**Please answer each question of each well** If there are more than 4 wells, please photocopy this page and complete the information for all additional wells.

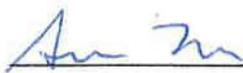
	Well 1	Well 2	Well 3	Well 4
Well is clearly marked and secured to avoid unauthorized access or tampering.				
Well was opened and presence of water was observed in well at depth of _____ ft.				

**Please answer yes or no for each question**

Wells are used to monitor piping.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Site assessment was performed prior to installation of wells.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Documentation of monthly readings is available.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Specific gravity of product is less than one.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Hydraulic conductivity of soil between UST system and monitoring wells is not less than 0.01 cm/sec. According to:	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Groundwater is not more than 20 feet from ground surface.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Wells are sealed from the ground surface to top of filter pack.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Continuous monitoring device or manual bailing method used can detect the presence of at least one-eighth of an inch of the product on top of groundwater in well.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Groundwater is monitored: ( ) Manually on a monthly basis. ( ) Automatically (continuously or monthly basis [Circle one]).		
Check the following if groundwater is monitored <u>manually</u> : Bailer used is accessible and functional.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Check the following if groundwater is monitored <u>automatically</u> : Monitoring box is operational.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Checked for presence of sensor in monitoring well.	Yes <input type="checkbox"/>	No <input type="checkbox"/>

**On the back of this sheet, please sketch the site, noting all piping runs, tanks (including size and substances stored) and location of wells and their distance from tanks and piping.**

Comments: N/A

Inspector's Signature: 

EPA 504

Date: 5/24/10

**Interstitial Monitoring**

Manufacturer and name of system: \_\_\_\_\_

Date system installed: \_\_\_\_\_

Materials used for secondary barrier: \_\_\_\_\_

Materials used for internal lining: \_\_\_\_\_

Interstitial space is monitored (Circle one): automatically, continuously, monthly basis.

**Please answer yes or no for each question**

All tanks in system are fitted with secondary containment and interstitial monitoring.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
System is designed to detect release from any portion of UST system that routinely contains product.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Monitoring method is documented as capable of detecting a leak as small as .1 gal./hr. with at least a 95% probability of detection and a probability of false alarm of no more than 5%.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Documentation of monthly readings is available for last 12 months.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Maintenance and calibration documents and records are available and indicate appropriate maintenance procedures for system have been implemented.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Monitoring box, if present, is operational.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
If monitoring wells are part of leak detection system, monitoring wells are clearly marked and secured to avoid unauthorized access and tampering.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<b>Interstitial space is monitored manually on monthly basis (answer the following question).</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Equipment used to take readings is accessible and functional.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<b>Tank is double-walled</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<b>Tank is fitted with internal bladder to achieve secondary containment (answer the following question).</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Bladder is compatible with substance stored and will not deteriorate in the presence of that substance.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<b>Excavation is lined with impervious artificial material to achieve secondary containment (answer the following questions).</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Secondary barrier is always above groundwater.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
If secondary barrier is not always above groundwater, secondary barrier and monitoring designs are for use under such conditions.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Secondary barrier is constructed from artificially constructed material, with permeability to substance < 10 <sup>6</sup> cm/sec.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Secondary barrier is compatible with the regulated substances stored and will not deteriorate in presence of that substance.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Secondary barrier does not interfere with operation of cathodic protection system.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

Comments: N/A

Inspector's Signature: [Signature]

**Automatic Tank Gauging**

Manufacturer, name and model number of system: Veeder-Root TLS-350

**Please answer yes or no for each question**

Device documentation is available at site (e.g., manufacturer's brochures, owner's manual).	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Device can measure height of product to nearest one-eighth of an inch.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Documentation shows that water in bottom of tank is checked monthly to nearest one-eighth of an inch.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Documentation is available that the ATG was in test mode a minimum of once a month.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Checked for presence of gauge in tanks.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Checked for presence of monitoring box and evidence that device is working (i.e., device is equipped with roll of paper for results documentation).	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Owner/operator has documentation on file verifying method meets minimum performance standards of .20 gph with probability of detection of 95% and probability of false alarm of 5% for automatic tank gauging (e.g., results sheets under EPA's "Standard Test Procedures for Evaluating Leak Detection Methods").	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Checked documentation that system was installed, calibrated, and maintained according to manufacturer's instructions.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Maintenance records are available upon request.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Monthly testing records are available for the past 12 months.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Daily monitoring records are available for the past 12 months (if applicable).	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Comments: During the inspection the Facility had a VR TLS-350 ATG monitor inside the store, which showed a "Low Product Alarm" for Tank 1 and Tank 2. The Facility representative stated that they do not utilize the ATG as a form of release detection. The Facility collects daily inventory and sales data from the ATG that is sent to NJPO at the end of each month to be used as data for SIR. The Facility indicated that SIR is the primary form of release detection for Tank 1 and Tank 2.

Inspector's Signature: *[Handwritten Signature]*

EPA 506

Date: 5/24/10

**Statistical Inventory Reconciliation**

**Please complete all information for each tank**

If this facility has more than 4 tanks, please photocopy this page and complete the information for all additional tanks.

Documentation of deliveries and sales balances with daily measurements of liquid volume in tank are maintained and available.

**Please answer yes or no for each question**

Records include monthly water monitoring.

Yes

No

Tank inventory reconciled before and after fuel delivery.

Yes

No

Appropriate calibration chart is used for calculating volume.

Yes

No

Dispenser pumps are calibrated to within 6 cubic inches per five gallons.

Yes

No

The drop tube in the fill pipe extends to within one foot of tank bottom.

Yes

No

Answer one of the following three:

1) Owner can demonstrate consistency in dipsticking techniques.

Yes

No

a) The dipstick is long enough to reach the bottom of the tank.

Yes

No

b) The end of the gauge stick is flat and not worn down.

Yes

No

c) The dipstick is legible & the product level can be determined to the nearest 1/8th inch.

Yes

No

**OR**

2) Automatic tank gauge is used for readings.

Yes X

No

**OR**

3) Other method is used for readings (explain in comment section below).

Yes

No

A third-party certification of the SIR method is available.

Yes

No

Monitoring and testing records are maintained and available for the past 12 months.

Yes

No

Comments: The Facility collects daily tank inventory reports from the VR TLS-350 monitor. Sales data is entered into a computer, and sent, along with inventory data, to NJPO. NJPO collects and records the tank inventory reports at the end of each month and that data is sent to a third party for SIR. The Facility provided inspectors with an example of the store sales data report and tank inventory data report for March 30, 2010, which will be sent to NJPO for SIR. There were no SIR records at the Facility at the time of the EPA inspection.

Inspector's Signature: \_\_\_\_\_



Date: 5/24/10

**Spill/Overfill Prevention**

	Tank 1	Tank 2	Tank 3	Tank 4
<b>Are all tank transfers less than 25 gallons?</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>Spill Prevention</b>				
Is there a spill bucket (at least 5 gallons) or another device that will prevent release of product to the environment (such as a dry disconnect coupling)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>Overfill Prevention</b>				
What device is used to prevent tank from being overfilled?				
Ball float valve	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Butterfly valve (in fill pipe)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Automatic alarm monitoring is used	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Other alarm system _____	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>

DOES THE FACILITY HAVE A FINANCIAL ASSURANCE MECHANISM? YES\_\_ NO X (PROVIDE COMMENTS AS TO COMPLIANCE STATUS FOR 40 C.F.R. PART 280 SUBPART H.) At the time of the inspection the Facility did no have documentation of a Financial Assurance Policy for leaks from the USTs.

**Cathodic Protection**

	Tank 1	Tank 2	Tank 3	Tank 4
<b>Sacrificial Anode System</b>				
Test results show a negative voltage of at least 0.85 Volts (using the tank and a copper/copper sulfate cell)?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
The last two test results are available. (Tests are required every three years.)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>Impressed Current</b>				
Rectifier is on 24 hours a day?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
The last two test results are available? (Tests are required every 60 days.)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Test results show a negative voltage of at least 0.85 Volts (using the tank and a copper/copper sulfate cell)?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>

Comments: During the inspection, metal components in the sumps observed to be in contact with soil for Tank 1 and Tank 2. The Facility provided passing CP tests for T1 & T2 on 11/3/2009, but failing CP tests for flex connectors under each dispenser and for each STP on 11/3/2009. Similar passing results for T1 & T2 and failing results for flex connectors under dispensers in the STP were reported on 12/5/07 & 12/11/08.

Inspector's Signature: 



**Attachment 2**

Photo Log





Photo #1: Overview of Franklin Eagle Mart.

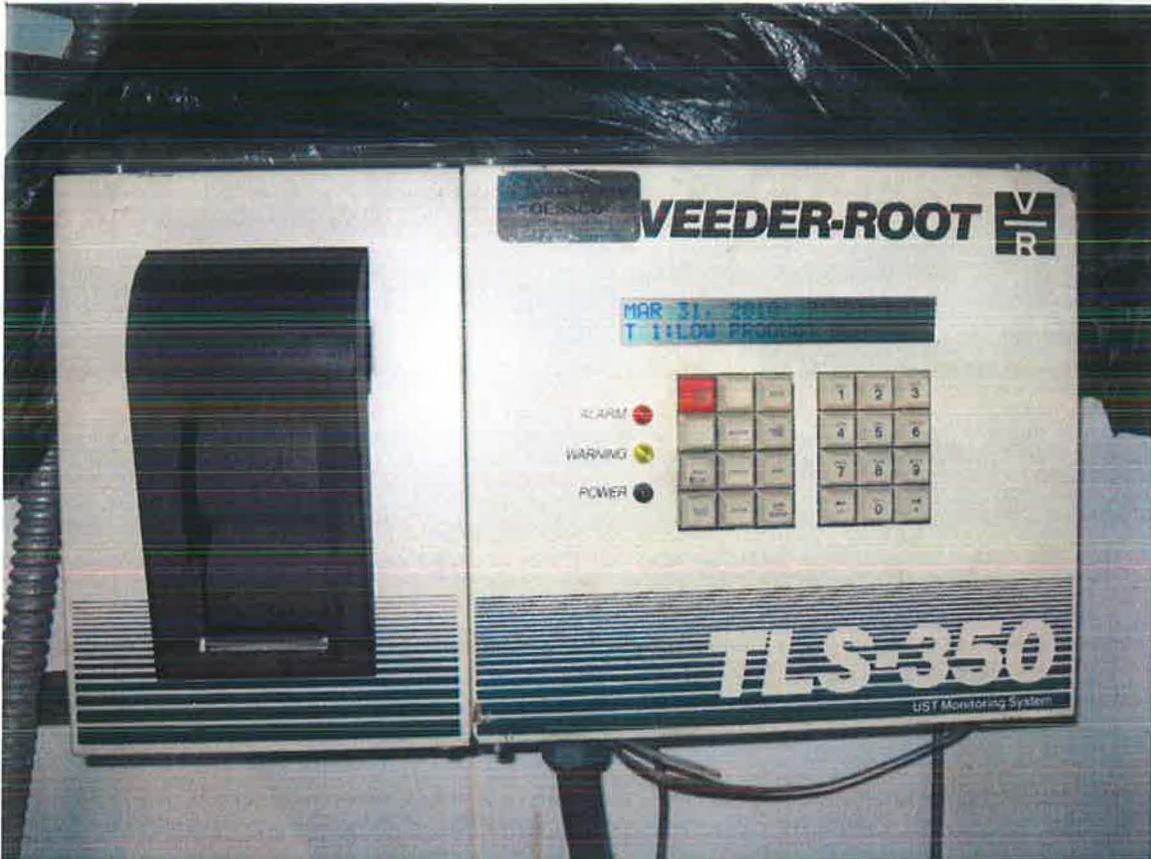


Photo #2: Close-up of VR TLS-350 on the wall in a back office of the store at the Facility. The screen reads “T1: Low Product Alarm.”



Photo #3: Tank 2 fill port and spill bucket. The spill bucket is bent along its edge and it had a loose internal liner.

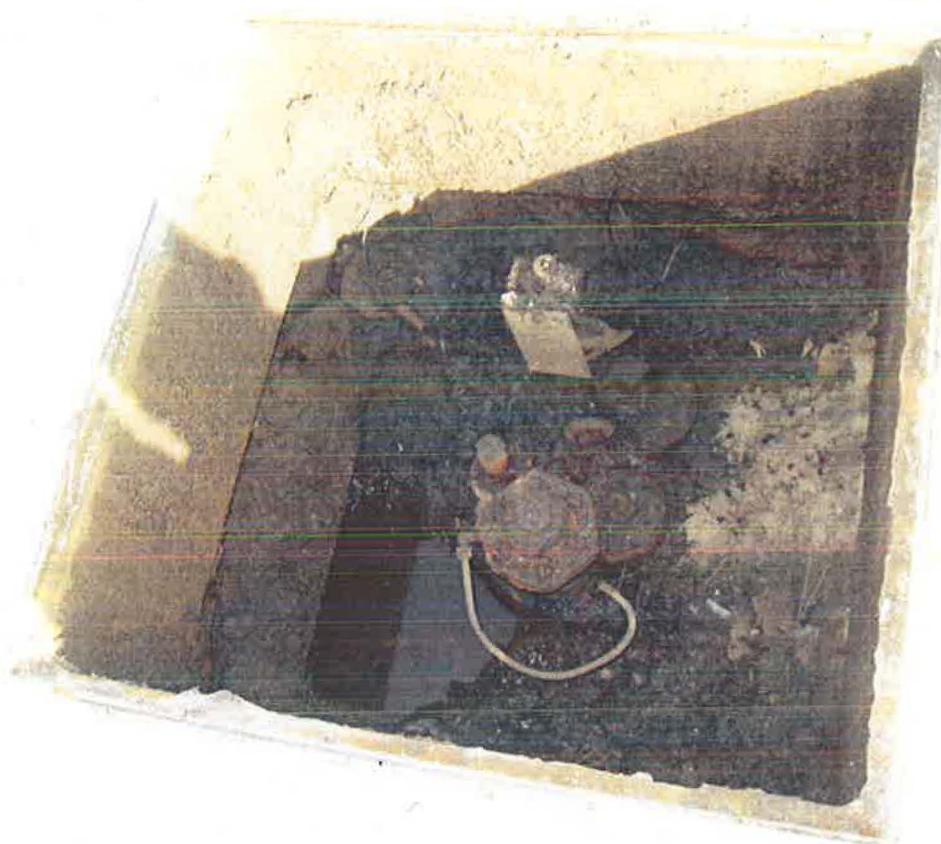


Photo #4: Tank 2 uncontained sump showing a line leak detector, and piping components and the STP partially covered in soil.



Photo #5: Tank 2 ATG port with a rusted sump that contains liquid.

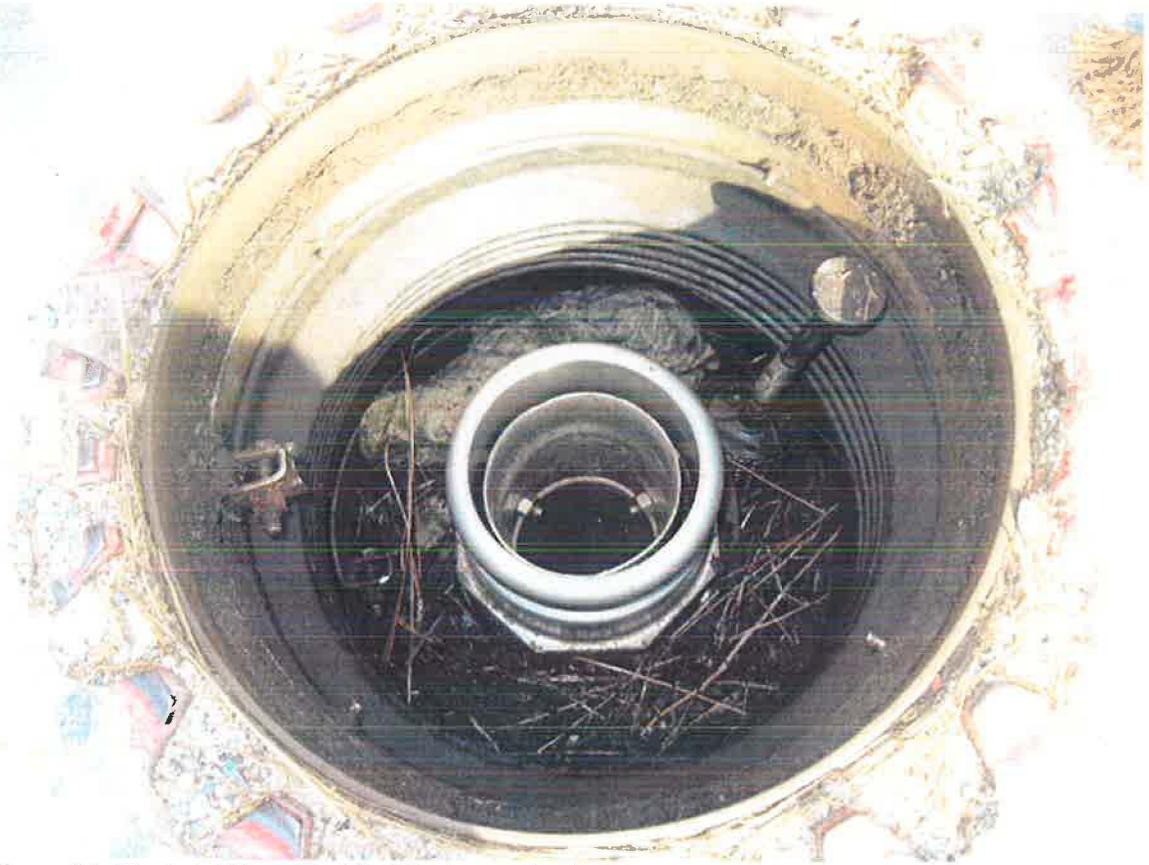


Photo #6: Tank 1 fill port with fill pipe and spill bucket.



Photo #7: Tank 1 uncontained sump showing a line leak detector. The STP and underground piping components are partially covered in soil.



Photo #8: Tank 1 ATG port with liquid in a rusted sump.



Photo #9: Dispensers #5 and #6 with shear valve and soil under the dispenser.

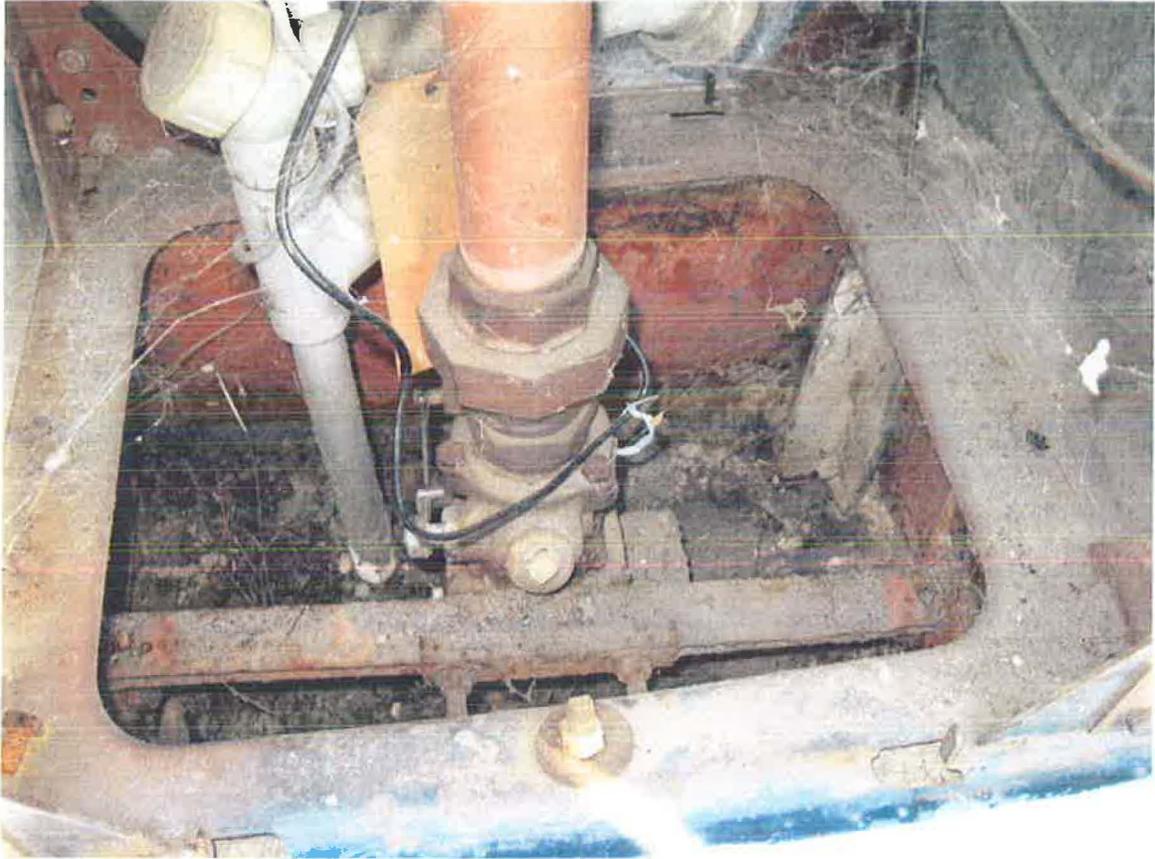


Photo #10: Dispensers #3 and #4 with a shear valve and soil covering the bottom of the dispenser.

**Attachment 3**

VR TLS-350 ATG Printouts



SYSTEM STATUS REPORT

T 1:LOW PRODUCT ALARM

T 1:INVALID FUEL LEVEL

T 1:DELIVERY, NEEDED

T 2:LOW PRODUCT ALARM

T 2:INVALID FUEL LEVEL

T 2:DELIVERY NEEDED

D 1:AUTODIAL FAILURE

D 2:AUTODIAL FAILURE

INVENTORY REPORT

T 1:DIESEL

T 1:INVALID FUEL LEVEL

VOL INVALID 314 GALS

ULLAGE = 7746 GALS

90% ULLAGE= 6940 GALS

TC VOLUME = 314 GALS

HGT INVALID 7.89 INCHES

WATER VOL = 0 GALS

WATER = 0.00 INCHES

TEMP = 59.7 DEG F

T 2:REGULAR

T 2:INVALID FUEL LEVEL

VOL INVALID 302 GALS

ULLAGE = 7758 GALS

90% ULLAGE= 6952 GALS

TC VOLUME = 301 GALS

HGT INVALID 7.67 INCHES

WATER VOL = 11 GALS

WATER = 0.86 IN. HL.

TEMP = 59.6 DEG F

\*\*\*\*\* END \*\*\*\*\*



T 2:REGULAR  
PRODUCT CODE : 2  
THERMAL COEFF : 000700  
TANK DIAMETER : 96.00  
TANK PROFILE : 1 PT  
FULL VOL : 8060

FLOAT SIZE: 4.0 IN.

WATER WARNING : 2.0  
HIGH WATER LIMIT: 2.5

MAX OR LABEL VOL: 8060  
OVERFILL LIMIT : 90%  
: 7254  
HIGH PRODUCT : 95%  
: 7657  
DELIVERY LIMIT : 10%  
: 806

LOW PRODUCT : 1000  
LEAK ALARM LIMIT: 25  
SUDDEN LOSS LIMIT: 99  
TANK TILT : 0.29

MANIFOLDED TANKS  
T#: NONE

LEAK MIN PERIODIC: 30%  
: 2418

LEAK MIN ANNUAL : 30%  
: 2418

PERIODIC TEST TYPE  
STANDARD

ANNUAL TEST FAIL  
ALARM DISABLED

PERIODIC TEST FAIL  
ALARM DISABLED

GROSS TEST FAIL  
ALARM DISABLED

ANN TEST AVERAGING: OFF  
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 3 MIN

LEAK TEST METHOD

TEST WEEKLY : ALL TANK  
MON  
START TIME : 12:00 AM  
TEST RATE : 0.20 GAL/HR  
DURATION : 5 HOURS  
TST EARLY STOP:DISABLED

LEAK TEST REPORT FORMAT  
NORMAL

EAGLE MART  
1397 CARRSVILLE HWY  
FRANKLIN, VA. 23851  
757-562-2659

MAR 31, 2010 7:39 AM



EAGLE MART  
1397 CARRSVILLE HWY  
FRANKLIN,VA. 23851  
757-562-2659

MAR 31, 2010 7:40 AM

LEAK TEST REPORT

T 1:DIESEL  
PROBE SERIAL NUM 124383

TEST STARTING TIME:  
MAR 29, 2010 12:00 AM

TEST LENGTH = 5.0 HRS  
STRT VOLUME = 314.2 GAL

START TEMP = 59.3 F  
END TEMP = 59.4 F

TEST PERIODS 2-10  
-0.00 -0.00 -0.00 -0.00  
-0.00 -0.00 -0.00 -0.00  
-0.01

LEAK TEST RESULTS  
RATE = -0.00 GAL/HR  
0.20 GAL/HR TEST INVL

0.20 GAL/HR FLAGS:  
LOW LEVEL TEST ERROR  
PERCENT VOLUME TOO LOW  
INVALID FUEL LEVEL

\* \* \* \* \* END \* \* \* \* \*

EAGLE MART  
1397 CARRSVILLE HWY  
FRANKLIN,VA. 23851  
757-562-2659

MAR 31, 2010 7:40 AM

LEAK TEST REPORT

T 2:REGULAR  
PROBE SERIAL NUM 124384

TEST STARTING TIME:  
MAR 29, 2010 12:00 AM

TEST LENGTH = 5.0 HRS  
STRT VOLUME = 301.7 GAL

START TEMP = 59.2 F  
END TEMP = 59.3 F

TEST PERIODS 2-10  
0.00 0.00 0.00 -0.00  
-0.00 0.00 -0.00 -0.00  
-0.00

LEAK TEST RESULTS  
RATE = -0.00 GAL/HR  
0.20 GAL/HR TEST INVL

0.20 GAL/HR FLAGS:  
LOW LEVEL TEST ERROR  
PERCENT VOLUME TOO LOW  
INVALID FUEL LEVEL

\* \* \* \* \* END \* \* \* \* \*



TANK LEAK TEST HISTORY

T 1:DIESEL

LAST GROSS TEST PASSED:  
JAN 25, 2010 12:00 AM  
STARTING VOLUME= 667  
PERCENT VOLUME = 8.3  
TEST TYPE = STANDARD

LAST ANNUAL TEST PASSED:  
OCT 26, 2009 12:00 AM  
TEST LENGTH 5 HOURS  
STARTING VOLUME= 3034  
PERCENT VOLUME = 37.7  
TEST TYPE = STANDARD

FULLEST ANNUAL TEST PASS  
SEP 28, 2009 12:00 AM  
TEST LENGTH 5 HOURS  
STARTING VOLUME= 6595  
PERCENT VOLUME = 81.8  
TEST TYPE = STANDARD

LAST PERIODIC TEST PASS:  
OCT 26, 2009 12:00 AM  
TEST LENGTH 5 HOURS  
STARTING VOLUME= 3034  
PERCENT VOLUME = 37.7  
TEST TYPE = STANDARD

FULLEST PERIODIC TEST  
PASSED EACH MONTH:

JAN 06, 2009 12:00 AM  
TEST LENGTH 5 HOURS  
STARTING VOLUME= 3164  
PERCENT VOLUME = 39.3  
TEST TYPE = STANDARD

SEP 28, 2009 12:00 AM  
TEST LENGTH 5 HOURS  
STARTING VOLUME= 6595  
PERCENT VOLUME = 81.8  
TEST TYPE = STANDARD

OCT 5, 2009 12:00 AM  
TEST LENGTH 5 HOURS  
STARTING VOL. 5644  
PERCENT VOL. 70.0  
TEST TYPE = STANDARD

\* \* \* \* \* END \* \* \* \* \*

ALARM HISTORY REPORT

----- SYSTEM ALARM -----  
PAPER OUT  
JAN 29, 2010 10:37 PM  
PRINTER ERROR  
JAN 29, 2010 10:37 PM  
BATTERY IS OFF  
JAN 1, 1996 8:00 AM

\* \* \* \* \* END \* \* \* \* \*

ALARM HISTORY REPORT

----- SENSOR ALARM -----  
# 1:  
OTHER SENSORS

\* \* \* \* \* END \* \* \* \* \*

IN-TANK LEAK DIAGNOSTIC

-----  
PROBE DIAGNOSTICS  
T 1: PROBE TYPE MAG1  
SERIAL NUMBER 124383  
GRADIENT = 351.3000  
NUM SAMPLES = 55307

C00 1346.6 C01 2426.0  
C02 2426.0 C03 2426.0  
C04 2426.0 C05 2426.0  
C06 2426.0 C07 2426.0  
C08 2426.0 C09 2426.0  
C10 2426.0 C11 44397.7  
C12 24056.2 C13 24334.3  
C14 24459.8 C15 24538.1  
C16 24549.8 C17 24638.3  
C18 44399.4



COMMUNICATIONS SETUP

PORT SETTINGS:

COMM BOARD : 2 (FXMOD)
BAUD RATE : 2400
PARITY : ODD
STOP BIT : 1 STOP
DATA LENGTH: 7 DATA
RS-232 SECURITY
CODE : DISABLED
DIAL TYPE : TONE
ANSWER ON : 7 RING
MODEM SETUP STRING :

DIAL TONE INTERVAL: 32

RECEIVER SETUP:

D 1:CROSSROADS
4827849
RCVR TYPE: FACSIMILE
PORT NO: 2
RETRY NO: 3
RETRY DELAY: 3
CONFIRMATION REPORT: ON
D 2:CROSSROADS 2ND TIME
4827849
RCVR TYPE: FACSIMILE
PORT NO: 2
RETRY NO: 3
RETRY DELAY: 3
CONFIRMATION REPORT: ON

AUTO DIAL TIME SETUP:

D 1:CROSSROADS
DIAL DAILY
DIAL TIME : 12:07 PM
RECEIVER REPORTS:
INVENTORY :
D 2:CROSSROADS 2ND TIME
DIAL DAILY
DIAL TIME : 4:29 PM
RECEIVER REPORTS:
INVENTORY :

RS-232 END OF MESSAGE
DISABLED

AUTO DIAL ALARM SETUP

D 1:CROSSROADS

IN-TANK ALARMS
ALL:LOW PRODUCT ALARM

D 2:CROSSROADS 2ND TIME

IN-TANK ALARMS
ALL:LOW PRODUCT ALARM

IN-TANK SETUP

T 1:DIESEL
PRODUCT CODE : 1
THERMAL COEFF :.000450
TANK DIAMETER : 96.00
TANK PROFILE : 1 PT
FULL VOL : 8060

FLOAT SIZE: 4.0 IN.

WATER WARNING : 2.0
HIGH WATER LIMIT: 2.5

MAX OR LABEL VOL: 8060
OVERFILL LIMIT : 90%

HIGH PRODUCT : 7254
95%
7657

DELIVERY LIMIT : 806
1000

LOW PRODUCT : 1000
LEAK ALARM LIMIT: 25
SUDDEN LOSS LIMIT: 99

TANK TILT : 0.71
MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC: 30%
2418

LEAK MIN ANNUAL : 30%
2418

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 3 MIN

SYSTEM SETUP

MAR 31, 2010 7:35 AM

SYSTEM UNITS

U.S.
SYSTEM LANGUAGE
ENGLISH
SYSTEM DATE/TIME FORMAT
MON DD YYYY HH:MM:SS XM

EAGLE MART
1397 CARRSVILLE HWY
FRANKLIN,VA. 23851
757-562-2659

SHIFT TIME 1 : 10:45 AM
SHIFT TIME 2 : DISABLED
SHIFT TIME 3 : DISABLED
SHIFT TIME 4 : DISABLED

TANK PER TST NEEDED WRN
DISABLED
TANK ANN TST NEEDED WRN
DISABLED

LINE RE-ENABLE METHOD
PASS LINE TEST

LINE PER TST NEEDED WRN
DISABLED
LINE ANN TST NEEDED WRN
DISABLED

PRINT TO VOLUMES
ENABLED

TEMP COMPENSATION
VALUE (DEG F ): 60.0
STICK HEIGHT OFFSET
DISABLED

H-PROTOCOL DATA FORMAT
HEIGHT
DAYLIGHT SAVING TIME
DISABLED
RE-DIRECT LOCAL PRINTOUT
DISABLED

SYSTEM SECURITY
CODE : 000000



**Attachment 4**

**Facility Tank Inventory Data**



# FRANKLIN EAGLE MART

VENDORS		AMOUNT
1	ICE	55.00
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
TOTAL		\$55.00

	ENV.	TIME	INTL	AMOUNT
	#			\$
1				1000
2				209
3				100
4				250
5				500
6				264
7	*			173
8				
9				
10				
11				
12				
13				
14				
15				
16				
TOTAL				\$2496.00

DATE	3 / 30 / 2010
DAY	TUESDAY

Weather			
NAME	START	END	HRS
SERDAR	11:30	11:30	12

OTHER EXPENSES		AMOUNT
1	TAMER GAS	30.00
2		
TOTAL		\$ 30.00

INVNTY	REG	DIESEL	DIESEL	KERO
OPEN +	302	314	—	159
DELIV. +				
TOTAL =				
SOLD -				2
CLOSE =	302	314	—	157
ACTUAL				
STICKS				
DIFFERENCE				

PUMPS	PRODUCT	CLOSING READINGS	OPENING READINGS	GALLONS SOLD	UNIT PRICE	TOTAL \$ AMOUNT
1	DIESEL		339047			
2	REGULAR		1493913			
3	REGULAR		20201			
4	REGULAR		212018			
5	REGULAR		5727726			
6	REGULAR		3309550			
7	REGULAR		92143			
8	DIESEL		693683			
9	KERO / RACING	925416	925391	2.5	3.991	10.00
10	DIESEL					
TOTAL FUEL SALES \$						10.00

CHARGES	AMOUNT
Black Water Trans.	
M.L.Coburn	
IOW Parks & Rec.	
Crossroads	
TOTAL CHARGES \$	

PRODUCT	REGULAR	DIESEL	DIESEL	KERO/RACING	TOTAL GALLONS
GALLONS SOLD	—	—	—	2	2

Cig. Sales	Beer Sales
\$2112.71	\$259.67

	REGULAR		GENERIC		SUB-GENERIC	
	PACKS	CARTONS	PACKS	CARTONS	PACKS	CARTONS
OPEN	456	269	200	126	190	342
+/-	+110	-11	+30	-3	+40	-4
TOTAL	566	258	230	123	230	338
CLOSE	467	241	195	113	199	319
SOLD	99	17	35	10	31	19
REGISTER	99	17	35	10	31	19
DIFFERENCE						

	PHONE CARDS			INSTANT LOTTO					
	\$5	\$10	WTS	\$1	\$2	500	1000	5000	10000
OPEN	2		8	2892	1428	1247	275	93	220
+/-				+200	+500	+360	+40		+80
TOTAL				3092	1928	1607	315	173	
CLOSE	2		8	3050	1927	1544	302	171	276
SOLD				33	1	63	7	2	4
VALUE				33	2	215	70	40	12
TOTAL VALUE						472.00			

TOTAL FUEL SALES \$	10.00	TOTAL COLL.-TOTAL SOLD	TOTAL DROPS	2496.00
STORE SALES	2706.72	(-) (+)	CHECKS	67.20
STORE TAX	142.78	SHORT OVER	CREDIT CARDS	1149.20
PHONE CARDS			MANUAL CR.CARDS	
LOTTO BALANCE	772.25		VENDORS	55.00
INSTANT LOTTO	472.00		OTHER EXPENSES	30.00
OTHER PAY-IN		Z1 REPORT#: 286	INST.LOTTO PAYM	312.00
TOTAL SOLD	4109.75	SHIFT SEQ #: —	CHARGES	
		TOTAL VOL: 2	TOTAL COLLECTED	4109.40



virginia lottery . com

DAILY SUMMARY REPORT

FOR TUE MAR 30, 2010  
RETAILER/TERM 170820-00  
EAGLE MART  
PRINTED TUE MAR 30, 2010

22:46:28

PURE FRANKLIN  
1397 CARRSVILLE HWY  
FRANKLIN VA 23851

DATE: 03/30/10  
CHANT ID:

TIME: 23:06  
JA51643607001

COUNT	ONLINE SUMMARY	
313	PICK 3	308.00
492	PICK 4	348.50
10	CASH 5	28.25
34	MEGA MILLIONS	89.00
4	POWERBALL	6.00
2	WIN FOR LIFE	2.00
0	FAST PLAY	0.00
0	RAFFLE	0.00
855	TOTAL	781.75

3	CANCELS	-2.50
2	CASHES	-7.00
0	PROMO CASH	0.00
0	PROMO FREE	0.00
ONLINE TOTAL		772.25

COUNT	INSTANT SUMMARY	
0	ACTIVATIONS	0.00
0	FULL RETURNS	0.00
0	PARTIAL RETURNS	0.00
30	CASHES	-312.00

NOT FOR SALE - NOT FOR PLAY  
REPORTING ONLY

ALS DATE : 03/31/10  
VENCE NUM: 337050

HOST TOTALS CLOSE

HOST TOTALS		TERM TOTALS	
CNT	AMOUNT	CNT	AMOUNT
45	\$1149.20	45	\$1149.20
NOT INCLUDED IN TOTAL		=====	
TOTAL \$1149.20		\$1149.20	
TOTAL \$0.00			
TOTAL \$1149.20			

EAGLE MART  
1397 CARRSVILLE HWY  
FRANKLIN,VA. 23851  
757-562-2659

MAR 30, 2010 9:13 PM

SYSTEM STATUS REPORT

T 1:LOW PRODUCT ALARM  
T 1:INVALID FUEL LEVEL  
T 1:DELIVERY NEEDED  
T 2:LOW PRODUCT ALARM  
T 2:INVALID FUEL LEVEL  
T 2:DELIVERY NEEDED  
D 1:AUTODIAL FAILURE  
D 2:AUTODIAL FAILURE

INVENTORY REPORT

T 1:DIESEL  
T 1:INVALID FUEL LEVEL  
VOL INVALID 314 GALS  
ULLAGE = 7746 GALS  
90% ULLAGE= 6940 GALS  
TC VOLUME = 314 GALS  
HGT INVALID 7.89 INCHES  
WATER VOL = 0 GALS  
WATER = 0.00 INCHES  
TEMP = 59.6 DEG F

T 2:REGULAR  
T 2:INVALID FUEL LEVEL  
VOL INVALID 302 GALS  
ULLAGE = 7758 GALS  
90% ULLAGE= 6952 GALS  
TC VOLUME = 301 GALS  
HGT INVALID 7.67 INCHES  
WATER VOL = 11 GALS  
WATER = 0.86 INCHES  
TEMP = 59.5 DEG F

\*\*\*\*\* END \*\*\*\*\*



**Attachment 5**

November 3, 2009 LDDT, LTT, & CP Test





**IMPORTANT LEGAL DOCUMENTS**

November 30th, 2009

Franklin Eagle Mart #USP1397  
1397 Carrsville Hwy  
Franklin, VA 23851

Re:  
2009 Compliance Test Results  
Crompco Work Order #223114  
Test Performed on Tue Nov 3rd, 2009

Dear Manager (Facility #USP1397):

Enclosed are the 2009 Compliance Test Results for testing performed by Crompco. These test results are **important legal documents** that are required to be retained at your facility in the "Environmental Compliance Binder" in case an inspection would occur by a state or local agency. Upon receipt, please put the results in the binder as requested.

The 2009 compliance tests performed at your facility are indicated below. For specific testing detail, please refer to the enclosed test report.

	Tank(s)
X	Line(s) and/or Leak Detector(s)
X	Cathodic Protection
	Monitor Inspection
	Vapor Recovery
	Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Crompco at 1-800-646-3161.

Sincerely,

Francyne Klein  
Compliance Administrator



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**CERTIFICATE OF UNDER GROUND STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
 1815 Gallagher Road  
 Plymouth Meeting, PA 19462

**Phone:** (610) 278-7203  
**Fax:** (610) 278-7621

Work Order #223114	Client Information	Location #USP1397
<b>Date:</b> Tue Nov 3rd, 2009 <b>Reason:</b> Compliance	CASH ON DELIVERY - Testing Services Agreement <b>Invoice #</b> 248510 <b>Permit#</b> <b>P.O.#</b>	Franklin Eagle Mart 1397 Carrsville Hwy Franklin, VA 23851 <b>County:</b> Isle Of Wight

Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.

**Lines**

Equip #	Grade	Test	Result
1 (1 and 8)	Diesel	Petro-tite Line	Pass
2 (2-7)	Regular	Petro-tite Line	Pass

**Leak Detectors**

Equip #	Grade	Test	Result
002	Regular	Leak Detector	Pass
001	Diesel	Leak Detector	Pass

**Cathodic Protection: Tanks**

Equip #	Grade	Test	Result
2	Regular	CP: Tanks	Pass
1	Diesel	CP: Tanks	Pass

**Cathodic Protection: Connectors/Siphon Bar**

Equip #	Location	Test	Result
1	Dispenser - Diesel	CP: Connectors	Fail
7	Dispenser - Regular	CP: Connectors	Fail
2	Dispenser - Regular	CP: Connectors	Fail
3-4	Dispenser - Regular	CP: Connectors	Fail
5-6	Dispenser - Regular	CP: Connectors	Fail
8	Dispenser - Diesel	CP: Connectors	Fail
002	STP - Regular	CP: Connectors	Fail
001	STP - Diesel	CP: Connectors	Fail

**Ray Bailey**  
 VMI LDT-890 #2481 and Install/Replace #2480  
 Cathodic Protection Testing Training: CorPreTek  
 Petro-Tite Line Testing #PAC01117112111R (Exp: 11/21/2011)



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Franklin Eagle Mart** 1397 Carrsville Hwy **Customer Copy**  
**Phone:** (610) 278-7203 Franklin, VA 23851 **Site #** USP1397 / **WO #** 223114  
**FAX:** 610-278-7621 **Tue Nov 3rd, 2009**

**Petro Tite Line Test**

Line Number:	1						
Grade:	Diesel	Net Volume Change:					0.00000 gph
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	125 ft.	(PL X Ba) + (FC X Bb) + B = N					
Diameter:	2 in.	(125 x 0.00000) + (3 x 0.006) + 0.05 = 0.068 gals					
Testing Line Length:	125						
Dispenser Range	1 and 8						
Wall:	Single	Allowable (gal):				0.06800	
Pump Manufac:	Red Jacket	Measured (gal):				0.03900	
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:				<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1159	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0	
1200	Started line test	0.0	50.0	0.0000	0.0230	N/A	
1215	Line Test Continued	50.0	50.0	0.0230	0.0230	0	
1230	Line Test Continued	50.0	50.0	0.0230	0.0230	0	
	Bleed Back	50.0	0.0	0.0230	0.0620	0.039	

**Petro Tite Line Test**

Line Number:	2						
Grade:	Regular	Net Volume Change:					0.00000 gph
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	125 ft.	(PL X Ba) + (FC X Bb) + B = N					
Diameter:	2 in.	(125 x 0.00000) + (5 x 0.006) + 0.05 = 0.08 gals					
Testing Line Length:	125						
Dispenser Range	2-7						
Wall:	Single	Allowable (gal):				0.08000	
Pump Manufac:	Red Jacket	Measured (gal):				0.04500	
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:				<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1159	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0	
1201	Started line test	0.0	50.0	0.0000	0.0330	N/A	
1216	Line Test Continued	50.0	50.0	0.0330	0.0330	0	
1231	Line Test Continued	50.0	50.0	0.0330	0.0330	0	
	Bleed Back	50.0	0.0	0.0330	0.0780	0.045	



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Franklin Eagle Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

**1397 Carrsville Hwy**  
**Franklin, VA 23851**  
**Site #USP1397 / WO #223114**  
**Tue Nov 3rd, 2009**

**Customer Copy**

Line Leak Detector Test		Line Leak Detector Test	
Leak Detector Number:	002	Leak Detector Number:	001
Grade:	Regular	Grade:	Diesel
Dispenser Range:	2-7	Dispenser Range:	1 and 8
Make:	Red Jacket	Make:	Red Jacket
Model:	FX1V	Model:	FX1DV
Serial #	9239	Serial #	
<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic	<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic
Test Conducted at Dispenser #:	5/6	Test Conducted at Dispenser #:	8
Submersible Pump Operating Pressure (psi):	28	Submersible Pump Operating Pressure (psi):	28
Check Valve Holding Pressure (psi):	20	Check Valve Holding Pressure (psi):	20
Bleedback Check (gal):	.016	Bleedback Check (gal):	.014
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	5	Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	7
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive		Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.		Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	



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 Site #USP1397 / WO #223114  
 Tue Nov 3rd, 2009

**Cathodic Protection: Tanks**

Tank # 2		Tank # 1	
Grade:	Regular	Grade:	Diesel
Material:	Steel	Material:	Steel
Capacity:	8060	Capacity:	8060
Cathode Type:	Sacrificial	Cathode Type:	Sacrificial
Installation:	Field Install	Installation:	Field Install
<b>Location 1</b>		<b>Location 1</b>	
Half Cell Location:	Extractor riser	Half Cell Location:	Extractor riser
Half Cell Location Equipment Number (optional):		Half Cell Location Equipment Number (optional):	
Energized On:	-1080 mv	Energized On:	-1016 mv
Instant Off:	mv	Instant Off:	mv
Native (local):	mv	Native (local):	mv
Native (remote):	mv	Native (remote):	mv
<b>Location 2</b>		<b>Location 2</b>	
Half Cell Location:	STP sump	Half Cell Location:	STP sump
Half Cell Location Equipment Number (optional):		Half Cell Location Equipment Number (optional):	
Energized On:	-1091 mv	Energized On:	-1040 mv
Instant Off:	mv	Instant Off:	mv
Native (local):	mv	Native (local):	mv
Native (remote):	mv	Native (remote):	mv
<b>Location 3</b>		<b>Location 3</b>	
Half Cell Location:	End of tank	Half Cell Location:	End of tank
Half Cell Location Equipment Number (optional):		Half Cell Location Equipment Number (optional):	
Energized On:	-1077 mv	Energized On:	-1038 mv
Instant Off:	mv	Instant Off:	mv
Native (local):	mv	Native (local):	mv
Native (remote):	mv	Native (remote):	mv
Lead Wires Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lead Wires Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Test Station Present:	<input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Test Station Present:	<input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Instant Off Capability:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Instant Off Capability:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Result:	P	Result:	P



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 Tue Nov 3rd, 2009

**Cathodic Protection: Connectors**

Equipment # 1		Equipment # 7	
Grade:	Diesel	Grade:	Regular
Material:	Steel	Material:	Steel
Type:	Flex Connector	Type:	Flex Connector
Location:	Dispenser	Location:	Dispenser
Cathode Type:	No CP Installed	Cathode Type:	No CP installed
Installation:	None	Installation:	None
<b>Location 1</b>		<b>Location 1</b>	
Half Cell Location:	Dispenser	Half Cell Location:	Dispenser
Half Cell Location Equipment Number (optional):		Half Cell Location Equipment Number (optional):	
Energized On:	-472 mv	Energized On:	-488 mv
Instant Off:	mv	Instant Off:	mv
Native (local):	mv	Native (local):	mv
Native (remote):	mv	Native (remote):	mv
<b>Location 2</b>		<b>Location 2</b>	
Half Cell Location:		Half Cell Location:	
Half Cell Location Equipment Number (optional):		Half Cell Location Equipment Number (optional):	
Energized On:	mv	Energized On:	mv
Instant Off:	mv	Instant Off:	mv
Native (local):	mv	Native (local):	mv
Native (remote):	mv	Native (remote):	mv
Lead Wires Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lead Wires Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Test Station Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Test Station Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Instant Off Capability:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Instant Off Capability:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result: F</b>		<b>Result: F</b>	



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Franklin Eagle Mart 1397 Carrsville Hwy  
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 FAX: 610-278-7621 Tue Nov 3rd, 2009

**Cathodic Protection: Connectors**

Equipment # 2		Equipment # 3-4	
<b>Grade:</b>	Regular	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-476 mv	<b>Energized On:</b>	-491 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>F</b>	<b>Result:</b>	<b>F</b>



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 Tue Nov 3rd, 2009

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**Cathodic Protection: Connectors**

Equipment # 5-6		Equipment # 8	
Grade:	Regular	Grade:	Diesel
Material:	Steel	Material:	Steel
Type:	Flex Connector	Type:	Flex Connector
Location:	Dispenser	Location:	Dispenser
Cathode Type:	No CP Installed	Cathode Type:	No CP Installed
Installation:	None	Installation:	None
<b>Location 1</b>		<b>Location 1</b>	
Half Cell Location:	Dispenser	Half Cell Location:	Dispenser
Half Cell Location Equipment Number (optional):		Half Cell Location Equipment Number (optional):	
Energized On:	-482 mv	Energized On:	-472 mv
Instant Off:	mv	Instant Off:	mv
Native (local):	mv	Native (local):	mv
Native (remote):	mv	Native (remote):	mv
<b>Location 2</b>		<b>Location 2</b>	
Half Cell Location:		Half Cell Location:	
Half Cell Location Equipment Number (optional):		Half Cell Location Equipment Number (optional):	
Energized On:	mv	Energized On:	mv
Instant Off:	mv	Instant Off:	mv
Native (local):	mv	Native (local):	mv
Native (remote):	mv	Native (remote):	mv
Lead Wires Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lead Wires Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Test Station Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Test Station Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Instant Off Capability:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Instant Off Capability:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Result:	F	Result:	F



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 Site #USP1397 / WO #223114  
 Tue Nov 3rd, 2009

**Cathodic Protection: Connectors**

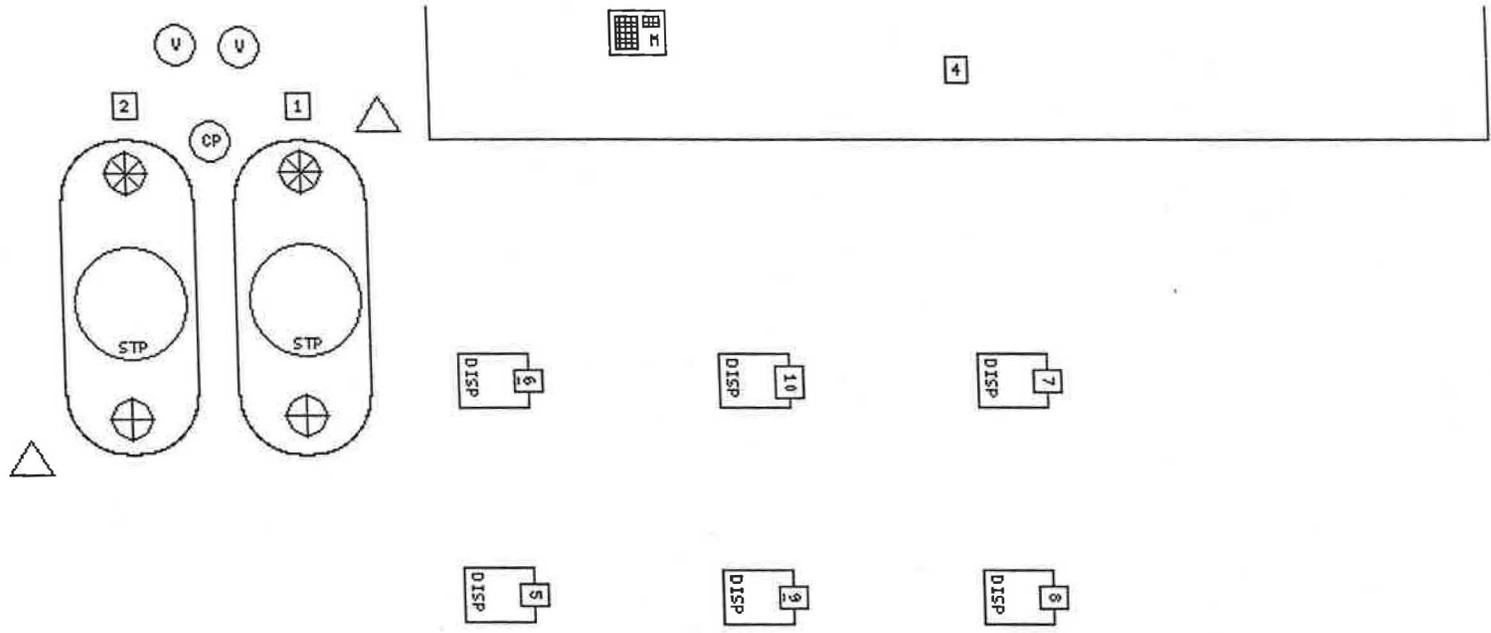
Equipment # 002		Equipment # 001	
Grade:	Regular	Grade:	Diesel
Material:	Steel	Material:	Steel
Type:	Flex Connector	Type:	Flex Connector
Location:	STP	Location:	STP
Cathode Type:	No CP Installed	Cathode Type:	No CP Installed
Installation:	None	Installation:	None
<b>Location 1</b>		<b>Location 1</b>	
Half Cell Location:	STP sump	Half Cell Location:	STP sump
Half Cell Location Equipment Number (optional):		Half Cell Location Equipment Number (optional):	
Energized On:	-572 mv	Energized On:	-523 mv
Instant Off:	mv	Instant Off:	mv
Native (local):	mv	Native (local):	mv
Native (remote):	mv	Native (remote):	mv
<b>Location 2</b>		<b>Location 2</b>	
Half Cell Location:		Half Cell Location:	
Half Cell Location Equipment Number (optional):		Half Cell Location Equipment Number (optional):	
Energized On:	mv	Energized On:	mv
Instant Off:	mv	Instant Off:	mv
Native (local):	mv	Native (local):	mv
Native (remote):	mv	Native (remote):	mv
Lead Wires Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lead Wires Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Test Station Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Test Station Present:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Instant Off Capability:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Instant Off Capability:	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Result:	F	Result:	F





**Date:** 2009-11-03  
**Work Order #:** 223114  
**Location #:** USP1397

Remote Fill	ATG	Road	Fixed Reference Cell	Circuit Breaker	Vent	Overfill Alarm
Dry Brake	Emergency Stop	Block	Stage 1 w/ Extractor	Interstitial	Containment Sump	Dispenser
Riser	Fill	CP Test Station	Flapper Direction	Temp Well Installed	Monitor	Rectifier
Anode	STP	CP Junction Box	Tank	Compass	Well	Drop Tank
Extractor				Manway	DW Fill	Remote Dry Brake





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Site #USP1397 / WO #223114  
Tue Nov 3rd, 2009

**Site Diagram Labels**

- 1: Tank - 8k diesel Tank 1
- 2: Tank - 8k Regular Tank 2
- 3: Road - Carrsville Highway (US 58 Business)
- 4: Block - Eagle Mart
- 5: Dispenser - 3 - 4 Regular
- 6: Dispenser - 5 - 6 Regular
- 7: Dispenser - 8 diesel
- 8: Dispenser - 1 diesel
- 9: Dispenser - 2 reg
- 10: Dispenser - 7 reg



1815 Gallagher Road Plymouth Meeting, Pa 19462 <b>WORK VERIFICATION</b>	 <b>CROMPCO</b> <small>COMPLIANCE WITHOUT COMPROMISE</small>	610-278-7203 610-278-7621 (fax) www.crompco.com
---	---	---

STATION INFORMATION	
TEST DATE <u>11/3/07</u>	WORK ORDER # <u>22314</u>
ARRIVAL TIME <u>1145</u>	SITE NUMBER <u>USP1377</u>
DEPART TIME <u>1300</u>	SITE NAME <u>EAGLE MART</u>
TOTAL HRS ON SITE <u>1.25</u>	SITE ADDRESS <u>1397 Chambersville Hwy</u>
ADDL LABOR HRS _____	<u>Franklin VA 23851</u>

**WORK PERFORMED**

LINKS, LEAK DETECTORS, CATHODIC PROTECTION

**PARTS REPLACED**

\_\_\_\_\_

\_\_\_\_\_

**ADDITIONAL INFORMATION**

DISPENSER # AND PRODUCT IF NOZZLES REPLACED \_\_\_\_\_

TOTAL # DISPENSED PER PRODUCT PER DISPENSER \_\_\_\_\_

DISPENSER #/GRADE FUEL POINT LOCK OUT/TAG OUT \_\_\_\_\_

TOTAL GAL'S DISPENSED PER PRODUCT PER DISPENSER \_\_\_\_\_

**COMMENTS**

Total \$200.00

Received 1 for 4600.00 / # 348

**SAFETY OSHA REQUIREMENTS**

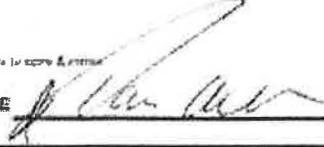
<input checked="" type="checkbox"/> SAFETY VEST	<input checked="" type="checkbox"/> GLOVES	<input checked="" type="checkbox"/> SAFETY GLASSES/GOOGLES
<input type="checkbox"/> PROTECTIVE CLOTHING	<input type="checkbox"/> HEARING PROTECTION	<input type="checkbox"/> RESPIRATOR
<input checked="" type="checkbox"/> BOOTS	<input type="checkbox"/> WELDING PPE	<input type="checkbox"/> HARD HAT
<input type="checkbox"/> OTHER		

**CHECK APPLICABLE ITEM(S) BELOW PER OSHA REQUIREMENTS**

<input type="checkbox"/> ABOVE GROUND WORK & LADDER USAGE	Use fall protection on walking surfaces 6 feet or more above the ground Use correct sized ladder/step stool for climbing that is in good condition and sturdy
<input checked="" type="checkbox"/> BARRIERS & WARNING SIGNS	Use barriers & safety cones to warn others of work activity and potential hazards
<input type="checkbox"/> CONFINED SPACE ENTRY	Use written confined space entry program & permit in accordance with OSHA regulations
<input type="checkbox"/> EXCAVATION & TRENCHING	Identify location of underground pipelines, wiring & utilities prior to start of work Use appropriate shoring & follow confined space procedures when required
<input checked="" type="checkbox"/> LOCKOUT/TAGOUT PROCEDURES	Identify components in circuit breaker, line breaker, & place LOTO prior to start of work

**GENERAL SITE SAFETY RULES**

1. Safety vest must be worn at all times
2. Wear other personal protective equipment specified by the job site. Use barricades, vehicles & orange safety cones when working outside.
3. Use correct ladders/steps used by ensuring ladders are in good condition, used properly extended 3 ft beyond the top & feet off or properly secured.
4. Smoking is NOT permitted anywhere on the work site AT ANY TIME
5. Drug and alcohol use is prohibited. Contractors under the influence of alcohol and drugs will not be allowed to work.
6. Have appropriate PPE instructions and list and list available by use on vehicle.
7. Follow ALL safety programs & procedures and report unsafe conditions, property damage, slips, trips, and other safety hazards to supervisor.

DEALER OR MANAGER NAME (PRINT) Tommy Acklan SIGNATURE 



VIRGINIA DEQ		CATHODIC PROTECTION SYSTEM EVALUATION FORM		7531-CP (05/06)	
<p>&gt; This form should be utilized to evaluate underground storage tank (UST) cathodic protection systems in the Commonwealth of Virginia</p> <p>&gt; Access to the soil directly over the cathodically protected structure that is being evaluated must be provided.</p> <p>&gt; A site drawing depicting the UST cathodic protection system and all reference electrode placements must be completed.</p>					
I. UST OWNER			II. UST FACILITY		
NAME:		NAME: <u>Franklin Electric MFG</u>		ID #	
ADDRESS:		ADDRESS: <u>1397 Cambridge Blvd</u>			
CITY:		CITY: <u>Franklin</u>		COUNTY: <u>Stafford</u>	
STATE:		STATE: <u>VA</u>		PHONE: <u>757-562-2500</u>	
ZIP:		ZIP: <u>22951</u>			
III. REASON SURVEY WAS CONDUCTED (mark only one)					
<input type="checkbox"/> Routine - 3 year <input type="checkbox"/> Routine - within 6 months of installation <input type="checkbox"/> 90-day re-survey after fail <input type="checkbox"/> Re-survey after repair/modification					
Date next cathodic protection survey must be conducted: _____ (Required within 6 months of installation/repair & every 3 years thereafter)					
IV. CATHODIC PROTECTION TESTER'S EVALUATION (mark only one)					
<input type="checkbox"/> <b>PASS</b> All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VII)					
<input checked="" type="checkbox"/> <b>FAIL</b> One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system(s) (complete Section VII)					
TESTER'S NAME: <u>Ron Bailey</u>		SOURCE OF CERTIFICATION:			
COMPANY NAME: <u>C Comp LLC</u>		TYPE OF CERTIFICATION:			
ADDRESS: <u>1815 Cambridge Rd</u>		CERTIFICATION NUMBER:			
CITY: <u>Franklin, VA</u>	STATE: <u>VA</u>	ZIP: <u>22952</u>	PHONE: <u>603-649-3341</u>		
CP TESTER'S SIGNATURE: <u>[Signature]</u>		DATE SIGNED: <u>11/2/09</u>		DATE OF SURVEY PERFORMED: <u>1/7/09</u>	
V. CORROSION EXPERT'S EVALUATION (mark only one)					
The survey must be conducted and/or evaluated by a <b>CORROSION EXPERT</b> when: a) supplemental anodes or other changes in the construction of the cathodic protection system are made, b) stray current may be affecting buried metallic structures or c) an inconclusive result was written in Section VI. (except for under §11-917 - "Recommended Practice for the Addition of Supplemental Anodes to sP" UST's")					
<input type="checkbox"/> <b>PASS</b> All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VII)					
<input type="checkbox"/> <b>FAIL</b> One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system (indicate what action is necessary by completion of Section VII)					
CORROSION EXPERT'S NAME:		SOURCE OF CERTIFICATION:			
COMPANY NAME:		TYPE OF CERTIFICATION:			
ADDRESS:		CERTIFICATION NUMBER:			
CITY:	STATE:	ZIP:	PHONE:		
CORROSION EXPERT'S SIGNATURE:		DATE:			
VI. CRITERIA APPLICABLE TO EVALUATION (mark all that apply)					
<input checked="" type="checkbox"/> <b>-850mV ON / (Instant) OFF</b> (Date "ON" or "OFF" to specify)		Structure-to-soil potential more negative than -850 mV with respect to a Cu/CuSO <sub>4</sub> reference electrode with protective current ON (galvanic) or temporarily interrupted (Instant-OFF (impressed)). Inconclusive? <input type="checkbox"/>			
<input type="checkbox"/> <b>100 mV POLARIZATION</b>		Structure(s) exhibit at least 100 mV of cathodic polarization. Inconclusive? <input type="checkbox"/>			
VII. ACTION REQUIRED AS A RESULT OF THIS EVALUATION (mark only one)					
<input type="checkbox"/> <b>NONE</b>		Cathodic protection is adequate. No further action is necessary at this time. Test again by no later than (see Section V).			
<input type="checkbox"/> <b>RETEST</b>		Cathodic protection may not be adequate. Retest during the next 90 days to determine if passing results can be achieved.			
<input checked="" type="checkbox"/> <b>REPAIR &amp; RETEST</b>		Cathodic protection is not adequate. Repair/modification is necessary as soon as practical but within the next 90 days.			

PRODUCED BY THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY, UST PROGRAM  
 PO BOX 10306 RICHMOND, VA 23233-0306 PHONE (804) 698-3016 FACSIMILE (804) 698-4296 www.deq.virginia.gov



XIV CATHODIC PROTECTION SYSTEM SURVEY								
This section may be utilized to conduct a survey of the cathodic protection system by obtaining structure-to-soil potential measurements								
<p>For Impressed Current (IC) systems: the reference electrode must be placed (minimum of three locations) in the soil directly above the structure that is being tested and as far away from any active anode as practical to obtain a valid structure-to-soil potential (refer to the VADCO cathodic protection evaluation guidance document for detailed discussion of electrode placement)</p> <p>Both "on" and "instant off" potentials must be measured for each structure that is intended to be under cathodic protection</p> <p>The "instant off" potential must be <math>-850</math> mV DC or more negative or the <math>-800</math> mV DC polarization criterion must be satisfied in order to pass</p>				<p>For Galvanic (G) systems: the reference electrode must be placed (minimum of three locations) with at least one local and at least one placed remotely 25-100 feet away from the structure</p> <p>Both the local and remote voltage must be <math>-850</math> mV DC or more negative, in order for the structure to pass</p> <p>Inoperative is indicated when both the local and remote structure-to-soil potentials do not result in the same outcome (both must "pass" or both must "fail")</p> <p>As a precaution to record the "galvanic CP system voltage", use the "On Voltage" fifth column below, and in cases with supplemental readers use the "Instant Off" column six.</p>				
FACILITY NAME:				NOTE: This survey is not complete unless all applicable parts of sections I - XIV are also completed				
LOCATION CODE	STRUCTURE	CONTACT POINT	REFERENCE CELL PLACEMENT	ON VOLTAGE	INSTANT OFF VOLTAGE	100 mV polarization		PASS/FAIL
						ON VOLTAGE	OFF VOLTAGE	
R14-C	PLUS STEP LIFT	TANK BOTTOM	SOIL @ PLUS TANK STEP MANNWAY	-870mV	-870 mV	-870 mV	-870 mV	PASS
R24-C	DIESEL PIPE	DISPENSER #1	SOIL @ DIESEL TANK STEP MANNWAY	-810 mV	-800 mV	-870 mV	-800 mV	PASS
R24-C	DIESEL PIPE	DISPENSER #2	SOIL @ DIESEL TANK STEP MANNWAY	-810 mV	-700 mV	-850 mV	-800 mV	FAIL
R24-G	PREMIUM 44-PS*	TANK BOTTOM	SOIL @ PREM. TANK STEP MANNWAY	-880 mV	NA	NA	NA	PASS
R24-G	PREMIUM 44-PY*	TANK BOTTOM	SOIL @ PREM. TANK STEP MANNWAY	-880 mV	NA	NA	NA	FAIL
R24-G	PREMIUM 44-PS*	TANK BOTTOM	SOIL @ PREM. TANK STEP MANNWAY	-870mV	-850mV	NA	NA	PASS
	REG. TANK	Tank Top	EXTENSOR (Soil)	-850mV				Pass
	REG. TANK	Tank Top	STEP SAND (Soil)	-800mV				Pass
	REG. TANK	Tank Top	END OF TANK (Soil)	-800mV				Pass
	DIESEL TANK	Tank Top	EXTENSOR (Soil)	-800mV				Pass
	DISPENSER TANK	Tank Top	STEP SAND (Soil)	-800mV				Pass
	DISPENSER TANK	Tank Top	END OF TANK (Soil)	-800mV				Pass
	DIESEL FLEX	FLEX	DISP #1 (Soil)	-870mV				Fail
	REG. FLEX	FLEX	DISP #7 (Soil)	-850mV				Fail
	REG. FLEX	FLEX	DISP #2 (Soil)	-870mV				Fail
	REG. FLEX	FLEX	DISP #4 (Soil)	-870mV				Fail
	REG. FLEX	FLEX	DISP #6 (Soil)	-870mV				Fail
	REG. FLEX	FLEX	DISP #5 (Soil)	-870mV				Fail

COMMENTS:

Use copies of this page as needed for additional reference cell readings.

- Designate numerically by code on the site drawing each local reference electrode placement (e.g. R14-C, R14-G, R14-D, etc.)
- Describe the structure that is being tested (e.g. plus tank; diesel tank; flex connector, etc.)
- Describe when the structure being tested is contacted by the test lead (e.g. plus tank bottom; dispensing @ dispenser #7; etc.)
- Describe in which location the reference electrode is placed for each measurement (e.g. soil @ regulator 5 ft; manway; soil @ dispenser # 1, etc.)
- (Apply to all tests) Record the structure-to-soil potential (voltage) observed with the current applied (e.g. -1070 mV)
- (Apply to all tests) Record the structure-to-soil potential (voltage) observed when the current is removed (e.g. -850 mV)
- (Apply to 100 mV polarization test only) Record the voltage measured at the end of the test period (e.g. -870 mV)
- (Apply to 100 mV polarization test only) Subtract the final voltage from the instant off voltage (e.g. -880 mV - -870 mV = -10 mV)
- Indicate if the tested structure passed or failed one of the two applicable criteria (850 instant off or 100 mV polarization) based on your interpretation of data.

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 PO BOX 10650, RICHMOND, VA 23230-0050 PHONE (804) 693-4010 FACSIMILE (804) 693-4255 www.doe.virginia.gov



**XIV. CATHODIC PROTECTION SYSTEM SURVEY**

This section may be utilized to conduct a survey of the cathodic protection system by obtaining structure-to-soil potential measurements.

- > **For Impressed Current (IC) systems:** The reference electrode must be placed (minimum of three locations) in the soil directly above the structure that is being tested and as far away from any active anodes as practical to obtain a valid structure-to-soil potential (refer to the VACEQ cathodic protection evaluation guidance document for details of installation of electrode placement)
- > Both "on" and "instant off" potentials must be measured for each structure that is intended to be under cathodic protection
- > The "instant off" potential must be  $-850$  mV DC or more negative of the 100 mV DC polarization criterion must be satisfied in order to pass
- > **For Galvanic (G) systems:** The reference electrode must be placed (minimum of three locations) with at least one local and at least one placed remotely 25-100 feet away from the structure
- > Both the local and remote voltage must be  $-850$  mV DC or more negative, in order for the structure to pass
- > Inconclusive is indicated when both the local and remote structure-to-soil potentials do not result in the same outcome (both must "pass" or both must "fail")
- > As a guide to record the "galvanic CP system voltage", use the "On Voltage" fifth column below, and, in cases with supplemental anodes use the "Instant Off" column six

FACILITY NAME: \_\_\_\_\_ NOTE: This survey is not complete unless all applicable parts of sections I - XIV are 100% completed

Location Code	STRUCTURE*	CONTACT POINT*	REFERENCE CELL PLACEMENT*	ON VOLTAGE†	INSTANT OFF VOLTAGE	100 mV POLARIZATION		PASS/FAIL
						ON VOLTAGE	VOLTAGE CHANGE	
R1A-D	PLUS STEEL LUST	TANK BOTTOM	SOIL @ PLUS TANK STP MANWAY	-1120 mV	-875 mV			PASS
R2A-C	DIESEL PIPE	DISPENSER #/A	SOIL @ DIESEL TANK STP MANWAY	-610 mV	-800 mV	-575 mV	105 mV	PASS
R2B-C	DIESEL PIPE	DISPENSER #/B	SOIL @ DIESEL TANK STP MANWAY	-810 mV	-725 mV	-690 mV	80 mV	FAIL
R2A-G	PREMIUM 48-P*	TANK BOTTOM	SOIL @ PREM. TANK STP MANWAY	-950 mV	NA	NA	NA	PASS
R2B-G	PREMIUM 48-P*	TANK BOTTOM	SOIL @ PREM. TANK STP MANWAY	-880 mV	NA	NA	NA	FAIL
R2C-G	PREMIUM 48-P*	TANK BOTTOM	SOIL @ PREM. TANK STP MANWAY	-1070 mV	-855 mV	NA	NA	PASS
	REM STP PIP	FIELD	REM STP (SOIL)	-570 mV				FAIL
	DIESEL STP PIP	FIELD	DIESEL STP (SOIL)	-523 mV				FAIL

COMMENTS:

Use copies of this page as needed for additional reference cell readings.

1. Designate temporary or by code on the site drawing each local reference electrode placement (e.g. R1-C, R1-D, R2-C, etc.)
2. Describe the structure that is being tested (e.g. steel tank, diesel piping, fuel dispenser, etc.)
3. Describe where the structure being tested is connected by the test lead (e.g. plus tank bottom, diesel piping @ dispenser #/A, etc.)
4. Describe the exact location where the reference electrode is placed for each measurement (e.g. soil @ remote tank STP manway, soil @ dispenser #/B, etc.)
5. (Applies to all tests) Record the structure-to-soil potential (voltage) observed with the current applied (e.g. -1070 mV)
6. (Applies to all tests) Record the structure-to-soil potential (voltage) observed when the current is interrupted (e.g. -875 mV)
7. (Applies to 100 mV polarization test only) Record the voltage observed at the end of the test period (e.g. -875 mV)
8. (Applies to 100 mV polarization test only) Subtract the final voltage from the initial cell voltage (e.g. 660 mV - 875 mV = 105 mV)
9. Evaluate if the tested structure passed or failed one of the two acceptable criteria (100 mV instant off or 100 mV polarization) based on your interpretation of data.

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**Attachment 6**

May 11, 2010 Post Inspection Information: LDDT, LTT, CP Test for November 3, 2009,  
December 11, 2008 and December 5, 2007



Fwd: Crompco Test Results: Work Order #190977  
Ezgi Kiriscioglu  
to:  
Andrew Ma  
05/11/2010 12:19 PM  
Show Details

----- Forwarded message -----

From: **Jennifer Foster** <[jennifer.foster@crompco.com](mailto:jennifer.foster@crompco.com)>  
Date: Tue, May 11, 2010 at 11:45 AM  
Subject: Crompco Test Results: Work Order #190977  
To: [ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com), "[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)" <[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)>

Please see attachment.

--  
Ezgi Kiriscioglu  
P: 201-866-9000  
F: 201-866-9006





### IMPORTANT LEGAL DOCUMENTS

December 27th, 2007

Franklin Eagle Mart #USP1397  
1397 Carrsville Hwy  
Franklin, VA 23851

Re:  
2007 Compliance Test Results  
Crompco Work Order #190977  
Test Performed on December 5th, 2007

Dear Station Manager (Facility #USP1397):

Enclosed are the 2007 Compliance Test Results for testing performed by Crompco for USP-NJPO. These test results are **important legal documents** that are required to be retained at your facility in the "Environmental Compliance Binder" in case an inspection would occur by a state or local agency. Upon receipt, please put the results in the binder as requested by USP-NJPO.

The 2007 compliance tests performed at your facility are indicated below. For specific testing detail, please refer to the enclosed test report.

	Tank(s)
X	Line(s) and/or Leak Detector(s)
X	Cathodic Protection
	Monitor Inspection
	Vapor Recovery
	Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Jennifer Foster or Sue Hickey of Crompco at 1-800-646-3161.

Sincerely,

*Jennifer Foster*

Jennifer Foster  
Compliance Administrator

EPA 547



**CERTIFICATE OF UNDERGROUND STORAGE TANK SYSTEM TESTING**



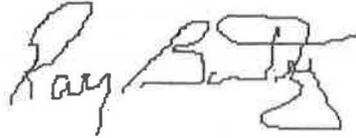
**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

Phone: (610) 278-7203  
 Fax: (610) 278-7621

<b>Work Order #190977</b>		<b>Client Information</b>		<b>Station #USP1397</b>	
<b>Date:</b> December 5th, 2007 <b>Reason:</b> Compliance		New Jersey Petroleum Organization (Accounts Payable) <b>Invoice #</b> 187233 <b>Permit#</b> <b>P.O.#</b>		USP-NJPO 1397 Carrsville Hwy Franklin, VA 23851 <b>County:</b> Isle Of Wight	
Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.					
<b>Lines</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
1	Premium	Petro-tite Line	Pass		
2	Regular	Petro-tite Line	Pass		
<b>Leak Detectors</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
2	Regular	Leak Detector	Pass		
1	Premium	Leak Detector	Fail		
<b>Cathodic Protection: Tanks</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
1	Premium	CP: Tanks	Pass		
2	Regular	CP: Tanks	Pass		
<b>Cathodic Protection: Connectors/Siphon Bar</b>					
<b>Equip #</b>	<b>Location</b>	<b>Test</b>	<b>Result</b>		
1	Dispenser - Premium	CP: Connectors	Fail		
2	Dispenser - Regular	CP: Connectors	Fail		
2	Dispenser - Premium	CP: Connectors	Fail		
3-4	Dispenser - Regular	CP: Connectors	Fail		
5-6	Dispenser - Regular	CP: Connectors	Fail		
7	Dispenser - Premium	CP: Connectors	Fail		
7	Dispenser - Regular	CP: Connectors	Fail		
8	Dispenser - Premium	CP: Connectors	Fail		
<b>Additional Costs</b>					
<b>PARTS: Fill Adaptor Non-Swivel (2)</b>					
<b>Comments</b>					
The Premium leak detector fails, it is not reading any pressure in the line and is not detecting a 3 gph leak. All flex connectors in all dispensers fail, there is no CP installed on them.					

**Michael Ford**  
**Petro-Tite Line Testing #PAC01321203090 (Exp:**  
**12/03/2009)**  
**Cathodic Protection Testing Training: CorPreTek**

EPA 548

A handwritten signature in black ink, appearing to read "Ray Bailey". The signature is stylized and somewhat cursive.

**Ray Bailey**  
**Cathodic Protection Testing Training: CorPreTek**  
**Petro-Tite Line Testing #PAC011171203090 (Exp:**  
**12/03/2009)**

**EPA 548a**

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
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1397 Carrsville Hwy **Facility/Agency Copy**  
 Franklin, VA 23851 Site #USP1397 / WO #190977  
 December 5th, 2007

**Petro Tite Line Test**

Line Number: 1  
 Grade: Premium  
 Material: Fiberglass  
 Length: 125 ft.  
 Diameter: 2 in.  
 Wall: Single  
 Pump Manufac: Red Jacket

Test Pressure: 50.00 psi  
 Net Volume Change: 0.00000 gph  
*Bleedback*  
 Allowable (gal): 0.08000  
 Measured (gal): 0.03900

Type of System:  American Suction  
 Pressure

Result:  Pass  
 Fail  
 Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1125	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1130	Started line test	0.0	50.0	0.0000	0.0280	0.0000	
1145	Line Test Continued	50.0	50.0	0.0280	0.0280	0.0000	
1200	Line Test Continued	50.0	50.0	0.0280	0.0280	0.0000	
	Bleed Back	50.0	0.0	0.0280	0.0670	0.0390	

**Petro Tite Line Test**

Line Number: 2  
 Grade: Regular  
 Material: Fiberglass  
 Length: 125 ft.  
 Diameter: 2 in.  
 Wall: Single  
 Pump Manufac: Red Jacket

Test Pressure: 50.00 psi  
 Net Volume Change: 0.00000 gph  
*Bleedback*  
 Allowable (gal): 0.08000  
 Measured (gal): 0.04000

Type of System:  American Suction  
 Pressure

Result:  Pass  
 Fail  
 Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1125	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0.0000	
1130	Started line test	0.0	50.0	0.0000	0.0570	0.0000	
1145	Line Test Continued	50.0	50.0	0.0570	0.0570	0.0000	
1200	Line Test Continued	50.0	50.0	0.0570	0.0570	0.0000	
	Bleed Back	50.0	0.0	0.0570	0.0970	0.0400	

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1397 Carrsville Hwy **Facility/Agency Copy**  
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 December 5th, 2007

**Petro Tite Leak Detector Test**

**Petro Tite Leak Detector Test**

Leak Detector Number: 2	Leak Detector Number: 1
Grade: Regular	Grade: Premium
Make: Veeder Root	Make: Veeder Root
Model: PLLD	Model: PLLD
Serial # 010473	Serial # 000435
<input type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Electronic	<input type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Electronic
Test Conducted at Dispenser #: 7	Test Conducted at Dispenser #: 7
Submersible Pump Operating Pressure (psi): 28	Submersible Pump Operating Pressure (psi): 26
Check Valve Holding Pressure (psi): 17	Check Valve Holding Pressure (psi): 17
Bleedback Check (gallons): .013	Bleedback Check (gallons): .011
Mechanical Line Leak Detector Step-Through Time (seconds): na **Note: not applicable for electronic line leak detectors	Mechanical Line Leak Detector Step-Through Time (seconds): na **Note: not applicable for electronic line leak detectors
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	Result: <input type="checkbox"/> Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/> Inconclusive
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	
	<b>Retest</b>
	Make:
	Model:
	Serial #
	<input type="checkbox"/> Mechanical <input type="checkbox"/> Electronic
	Result: <input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive
	Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

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**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

1397 Carrsville Hwy  
 Franklin, VA 23851  
 December 5th, 2007

**Facility/Agency Copy**  
**Site #USP1397 / WO #190977**

<b>Cathodic Protection: Tanks</b>			
<b>Tank # 1</b>		<b>Tank # 2</b>	
<b>Grade:</b>	Premium	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Capacity:</b>	8060	<b>Capacity:</b>	8060
<b>Cathode Type:</b>	Sacrificial	<b>Cathode Type:</b>	Sacrificial
<b>Installation:</b>	Unknown	<b>Installation:</b>	Unknown
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	STP sump	<b>Half Cell Location:</b>	STP sump
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-989 mv	<b>Energized On:</b>	-1086 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>	Monitor riser	<b>Half Cell Location:</b>	Monitor riser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-1000 mv	<b>Energized On:</b>	-1110 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 3</b>		<b>Location 3</b>	
<b>Half Cell Location:</b>	End of tank	<b>Half Cell Location:</b>	End of tank
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-895 mv	<b>Energized On:</b>	-953 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>P</b>	<b>Result:</b>	<b>P</b>

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

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1397 Carrsville Hwy  
 Franklin, VA 23851  
 December 5th, 2007

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Site #USP1397 / WO #190977

December 5th, 2007

Cathodic Protection: Connectors			
Equipment # 1		Equipment # 2	
<b>Grade:</b>	Premium	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-410 mv	<b>Energized On:</b>	-387 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

EPA 552

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

1397 Carrsville Hwy  
 Franklin, VA 23851  
 December 5th, 2007

**Facility/Agency Copy**  
**Site #USP1397 / WO #190977**

Cathodic Protection: Connectors			
<b>Equipment #</b>	2	<b>Equipment #</b>	3-4
<b>Grade:</b>	Premium	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-437 mv	<b>Energized On:</b>	-378 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

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**Phone: (610) 278-7203**  
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1397 Carrsville Hwy  
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Site #USP1397 / WO #190977

<b>Cathodic Protection: Connectors</b>			
<b>Equipment #</b>	5-6	<b>Equipment #</b>	7
<b>Grade:</b>	Regular	<b>Grade:</b>	Premium
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-466 mv	<b>Energized On:</b>	-419 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

EPA 554

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**USP-NJPO**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

1397 Carrsville Hwy  
 Franklin, VA 23851  
 December 5th, 2007

**Facility/Agency Copy**  
**Site #USP1397 / WO #190977**

Cathodic Protection: Connectors			
<b>Equipment #</b>	7	<b>Equipment #</b>	8
<b>Grade:</b>	Regular	<b>Grade:</b>	Premium
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-420 mv	<b>Energized On:</b>	-504 mv.
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

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**Phone: (610) 278-7203**  
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1397 Carrsville Hwy  
Franklin, VA 23851  
Site #USP1397 / WO #190977  
December 5th, 2007

**Facility/Agency Copy**

**Site Diagram Labels**

- 1: Tank - 8k Regular Tank 2
- 2: Tank - 8k Premium Tank 1
- 3: Road - Carrsville Highway (US 58 Business)
- 4: Block - Eagle Mart
- 5: Dispenser - 1 Premium
- 6: Dispenser - 2 Plus
- 7: Dispenser - 3 - 4 Regular
- 8: Dispenser - 5 - 6 Regular
- 9: Dispenser - 7 Plus
- 10: Dispenser - 8 Premium

**EPA 557**

Scanned Paperwork, Page #1



**CROMPCO**  
 1815 Gallagher Road | Plymouth Meeting, PA 19462 | (610) 278-7203 | FAX (610) 278-7621  
 www.crompco.com

GENERAL STATION INFORMATION		WORK VERIFICATION	
TEST DATE	12-5-07	WORK ORDER #	190977
ARRIVAL TIME	1030	SITE NUMBER	551 1197
DEPARTURE TIME	1200	SITE NAME	Engle Court
TOTAL HRS ON SITE	1.5	SITE ADDRESS	2500 Greenwell Hwy
ADDL LABOR HRS			Franklin VA

**WORK PERFORMED**

Task req: All units & tank detectors  
 Cathodic protection

**PARTS REPLACED**

(2) G. coil fill adapters of 505

**ADDITIONAL INFORMATION**

DISPENSER # AND PRODUCT IF NOZZLES REPLACED \_\_\_\_\_  
 TOTAL \$ DISPENSED PER PRODUCT PER DISPENSER \_\_\_\_\_  
 DISPENSER #/MADE FUEL POINT LOCK OUT/ TAG OUT \_\_\_\_\_  
 TOTAL GAL'S DISPENSED PER PRODUCT PER DISPENSER \_\_\_\_\_

**COMMENTS**

**SAFETY OSHA REQUIREMENTS**

<input checked="" type="checkbox"/> SAFETY VEST	<input checked="" type="checkbox"/> GLOVES	<input checked="" type="checkbox"/> SAFETY GLASSES/GOOGLES	<input type="checkbox"/> OTHER
<input type="checkbox"/> PROTECTIVE CLOTHING	<input type="checkbox"/> HEARING PROTECTION	<input type="checkbox"/> RESPIRATOR	
<input checked="" type="checkbox"/> BOOTS	<input type="checkbox"/> WELDING PVE	<input type="checkbox"/> HARD HAT	

**CHECK APPLICABLE ITEM(S) BELOW PER OSHA REQUIREMENTS**

<input type="checkbox"/> ABOVE GROUND WORK & LADDER USAGE	Use fall protection on working surfaces 6 feet or more above the ground. Use correct sized ladder/step stool for climbing that is in good condition and sturdy.
<input checked="" type="checkbox"/> BARRIERS & WARNING SIGNS	Use barriers & safety cones to warn others of work activity and potential hazards.
<input type="checkbox"/> CONFINED SPACE ENTRY	Use written Confined Space Entry program & permit in accordance with OSHA regulations.
<input type="checkbox"/> EXCAVATION & TRENCHING	Identify location of underground pipelines, wiring & utilities prior to start of work. Use appropriate shoring & follow confined space procedures when required.
<input checked="" type="checkbox"/> LOCKOUT/TAGOUT PROCEDURES	Identify components in circuit breaker, trip breaker & place LOTO prior to start of work.

**GENERAL SITE SAFETY RULES**

1. Safety vest must be worn at all times
2. Wear other personal protective equipment req'd by the job task. Use barricades, vehicles, & orange safety cones when working outside.
3. Use correct ladder/step stool for climbing. Ladder to be in good condition; used properly (extended 3 ft beyond roof line & tied off or properly secured).
4. Smoking is NOT permitted anywhere on the work site AT ANY TIME
5. Drug and alcohol use is prohibited. Contractors under the influence of alcohol and drugs will not be allowed to work.
6. Have appropriate fire extinguishers and first aid kit available for use on vehicle.
7. Report ALL safety incidents & near misses and injuries, vehicle accidents, property damage, fires, spills, and potential safety hazards to store & return.

DEALER OR MANAGER NAME (PRINT) Jennifer Arklon SIGNATURE Jennifer Arklon

Scanned Paperwork, Page #2

VIRGINIA DEQ		CATHODIC PROTECTION SYSTEM EVALUATION FORM		7631-CP (08/08)	
<p>► This form should be utilized to evaluate underground storage tank (UST) cathodic protection systems in the Commonwealth of Virginia.</p> <p>► Access to the soil directly over the cathodically protected structure that is being evaluated must be provided.</p> <p>► A site drawing depicting the UST cathodic protection system and all reference electrode placements must be completed.</p>					
I. UST OWNER			II. UST FACILITY		
NAME		NAME		E.I.#	
ADDRESS		ADDRESS			
CITY		CITY		COUNTY	
STATE		STATE		PHONE	
III. REASON SURVEY WAS CONDUCTED (check only one)					
<input checked="" type="checkbox"/> Routine - 3 year <input type="checkbox"/> Routine - within 6 months of installation <input type="checkbox"/> 90 day re-survey after fail <input type="checkbox"/> Re-survey after repair/modification					
Date next cathodic protection survey must be conducted: _____ (required within 6 months of installation/repair & every 3 years thereafter)					
IV. CATHODIC PROTECTION SURVEY EVALUATION (check only one)					
<input type="checkbox"/> PASS		All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VI)			
<input checked="" type="checkbox"/> FAIL		One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system(s) (complete Section VI)			
TESTER'S NAME: <u>Michael Ford</u>		SOURCE OF CERTIFICATION: <u>CertProtek</u>			
COMPANY NAME: <u>Crompco, Inc</u>		TYPE OF CERTIFICATION: <u>CP Tester</u>			
ADDRESS: <u>115 Collier Rd</u>		CERTIFICATION NUMBER: <u>N/A</u>			
CITY: <u>Plymouth, N.C.</u> STATE: <u>NC</u> ZIP: <u>27562</u>		PHONE: _____			
CP TESTER'S SIGNATURE: _____		DATE ISSUED: <u>12/5/06</u> DATE OF SURVEY PERFORMED: <u>11/5/06</u>			
V. CORROSION EXPERT'S EVALUATION (check only one)					
The survey must be conducted and/or evaluated by a <u>REGISTERED</u> person when: a) supplemental anodes or other changes in the construction of the cathodic protection system are made, b) stray current may be affecting buried metallic structures or c) an inconclusive result was written in Section VI, present for under STI-8872 - "Recommended Practice for the Addition of Supplemental Anodes to all UST's"					
<input type="checkbox"/> PASS		All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VI)			
<input type="checkbox"/> FAIL		One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system (indicate what action is necessary by completion of Section VI)			
CORROSION EXPERT'S NAME:		SOURCE OF CERTIFICATION:			
COMPANY NAME:		TYPE OF CERTIFICATION:			
ADDRESS:		CERTIFICATION NUMBER:			
CITY:		STATE:		ZIP:	
CORROSION EXPERT'S SIGNATURE:		DATE:			
VI. CRITERIA APPLICABLE TO EVALUATION (check all that apply)					
<input checked="" type="checkbox"/> -850mV ONLY (Instant) OFF (circle "ON" or "OFF" to specify)		Structure-to-soil potentials more negative than -850 mV with respect to a Cu/CuSO <sub>4</sub> reference electrode with protective current ON (instant) or temporarily interrupted (instant-OFF (impressed)). Inconclusive? <input type="checkbox"/>			
<input type="checkbox"/> 100 mV POLARIZATION		Structure(s) exhibit at least 100 mV of cathodic polarization. Inconclusive? <input type="checkbox"/>			
<input type="checkbox"/> NONE		Cathodic protection is adequate. No further action is necessary at this time. Test again by re-tester than use Section V.			
<input type="checkbox"/> RETEST		Cathodic protection may not be adequate. Retest during the next 90 days to determine if passing results can be achieved.			
<input checked="" type="checkbox"/> REPAIR & RETEST		Cathodic protection is not adequate. Repair/modification is necessary as soon as practical but within the next 90 days.			

Scanned Paperwork, Page #3

VOLTAGE TAP OFF OF DUT SYSTEM						
TANK	PRODUCT	CAPACITY	TANK MATERIAL	PIPING MATERIAL	FLEX CONNECTORS	
1	Reg	6000	Steel	Fiberglass	Steel @ Dispensers	
2	Propan	5000	Steel	Fiberglass	Steel @ Dispensers	
3						
4						
5						
6						
7						
8						
9						
10						

In order to conduct an effective evaluation of the cathodic protection system, a complete evaluation of rectifier operation is necessary.

RECTIFIER MANUFACTURER: \_\_\_\_\_ RATED DC OUTPUT: \_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

RECTIFIER MODEL: \_\_\_\_\_ RECTIFIER SERIAL NUMBER: \_\_\_\_\_

RECTIFIER OUTPUT AS INITIALLY DESIGNED OR LASTLY RECOMMENDED (if available): \_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

EVENT	DATE	TAP SETTINGS		DC OUTPUT		HOUR METER	COMMENTS
		COARSE	FINE	VOLTS	AMPS		
"AS FOUND"							
"AS LEFT"							

Complete if the system is designed to allow such measurements (i.e. individual lead wires to each anode are installed and measurement shunts are present)

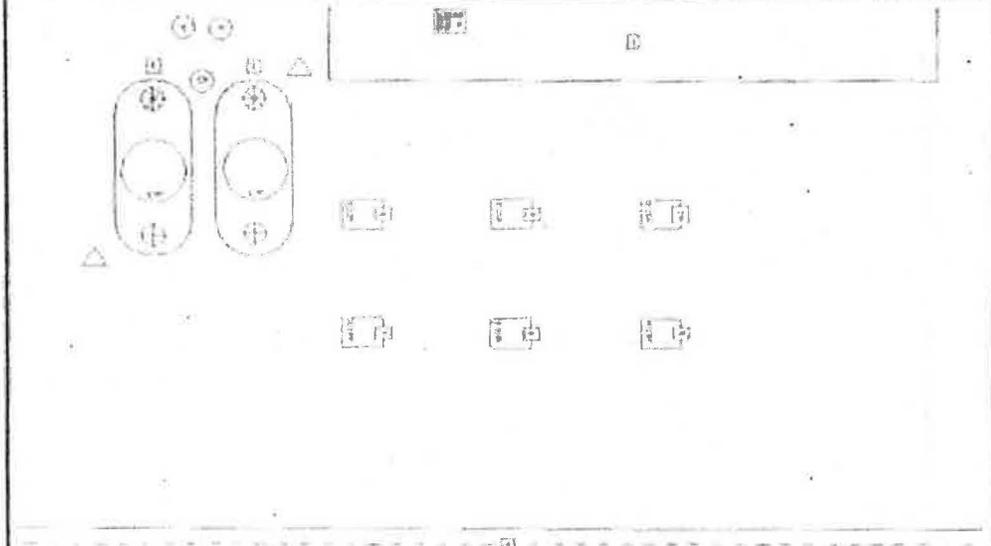
CIRCUIT	1	2	3	4	5	6	7	8	9	10	TOTAL AMPS
ANODE (+)											
TANK (-)											

Complete if any repairs or modifications to the cathodic protection system are made OR are necessary. Certain repairs/modifications as explained in the text of the VADEQ cathodic protection guidance document are required to be designed and/or evaluated by a corrosion expert (completion of Section V required)

- Additional anodes for an impressed current system (attach corrosion expert's design)
- Supplemental anodes for a STI-P30 tank or metallic pipe (attach corrosion expert's design or documentation industry standard was followed)
- Repairs or replacement of rectifier replace in "Remarks/Other" below
- Anode header cables repaired and/or replaced/replace in "Remarks/Other" below
- impressed current protected tanks/piping not electrically continuous (explain in "Remarks/Other" below)
- Galvanically protected (encompassing NOT electrically isolated (explain in "Remarks/Other" below)

Remarks/Other: \_\_\_\_\_

Scanned Paperwork, Page #4

XII. UST FACILITY SITE DRAWING							
<p>Attach detailed drawing of the UST and cathodic protection systems. Sufficient detail must be given in order to clearly indicate where the reference electrode was placed for each structure-to-soil potential that is recorded on the survey forms. Any pertinent data must also be included. At a minimum indicate the following: all tanks, piping and dispensers; all buildings and streets; all anodes and wires; location of CP test stations; and, each reference electrode placement must be indicated by a code followed by a "IC" or "G" to indicate the type of CP system (e.g., R1-IC, R2-G, etc.) corresponding with the appropriate line number in Section XIV of this form. (Note, CP test stations (PT4) may be questionable for use as described in Section 6.1.2)</p>							
<p><b>AN EVALUATION OF THE CATHODIC PROTECTION SYSTEM IS NOT COMPLETE WITHOUT AN ACCEPTABLE SITE DRAWING.</b></p>							
	<p><b>SITE DIAGRAM</b></p>	 Anode	 CP Test Station	 Emergency Stop	 Inventories	 Remedy Dry Stack	 Temp. Vent (Prohibited)
<p>Date: 2007-12-07 Work Order #: 190977 Station #: UST 1 197</p>		 A/B	 Deep Tank	 Exhaustor	 Garage	 Synthetic PG	 Tall
		 CP Cell Reverts	 Dry Stack	 Pit	 Shed	 Tire	 Well
		 CP Sacrificial Anode	 Oil Pit	 Phase Ref. Exp.	 Pond	 Storage W/ Substrate	 Sealed Tank
							

PRODUCED BY THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY - 101 FARM ROAD  
 101 FARM ROAD, FARMINGTON, VA 22620-2200 PHONE (800) 662-6712 FAX (540) 241-6711 WWW.DOE.VA.GOV





Fwd: Crompco Test Results: Work Order #198993

t  
Ezgi Kiriscioglu o Andrew Ma  
:

05/11/2010 12:19 PM

---

----- Forwarded message -----

From: **Jennifer Foster** <[jennifer.foster@crompco.com](mailto:jennifer.foster@crompco.com)>

Date: Tue, May 11, 2010 at 11:45 AM

Subject: Crompco Test Results: Work Order #198993

To: [ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com), "[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)" <[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)>

Please see attachment.

--

Ezgi Kiriscioglu

P: 201-866-9000



F: 201-866-9006 Crompco\_Results\_SUSP1397\_WO198993.html





**IMPORTANT LEGAL DOCUMENTS**

January 7th, 2009

Franklin Eagle Mart #USP1397  
1397 Carrsville Hwy  
Franklin, VA 23851

Re:  
2008 Compliance Test Results  
Crompco Work Order #198993  
Test Performed on Thu Dec 11th, 2008

Dear Manager (Facility #USP1397):

Enclosed are the 2008 Compliance Test Results for testing performed by Crompco. These test results are **important legal documents** that are required to be retained at your facility in the "Environmental Compliance Binder" in case an inspection would occur by a state or local agency. Upon receipt, please put the results in the binder as requested.

The 2008 compliance tests performed at your facility are indicated below. For specific testing detail, please refer to the enclosed test report.

	Tank(s)
X	Line(s) and/or Leak Detector(s)
X	Cathodic Protection
	Monitor Inspection
	Vapor Recovery
	Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Crompco at 1-800-646-3161.

Sincerely,

Francyne Klein  
Compliance Administrator

**EPA 564**



**CERTIFICATE OF UNDER GROUND STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

Phone: (610) 278-7203  
 Fax: (610) 278-7621

<b>Work Order #198993</b>		<b>Client Information</b>		<b>Location #USP1397</b>	
<b>Date:</b> Thu Dec 11th, 2008 <b>Reason:</b> Compliance		New Jersey Petroleum Organization (Accounts Payable) <b>Invoice #</b> 217456 <b>Permit#</b> <b>P.O.#</b>		Franklin Eagle Mart 1397 Carrsville Hwy Franklin, VA 23851 <b>County:</b> Isle Of Wight	
Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.					
<b>Lines</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
002 (3/4-5/6)	Regular	Petro-tite Line	Inconclusive		
001 (5,8)	Premium	Petro-tite Line	Inconclusive		
<b>Leak Detectors</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
001	Premium	Leak Detector	Pass		
002	Regular	Leak Detector	Pass		
<b>Cathodic Protection: Tanks</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
2	Regular	CP: Tanks	Pass		
1	Premium	CP: Tanks	Pass		
<b>Cathodic Protection: Connectors/Siphon Bar</b>					
<b>Equip #</b>	<b>Location</b>	<b>Test</b>	<b>Result</b>		
1	Dispenser - Premium	CP: Connectors	Fail		
2	Dispenser - Regular	CP: Connectors	Fail		
2	Dispenser - Premium	CP: Connectors	Fail		
3-4	Dispenser - Regular	CP: Connectors	Fail		
5-6	Dispenser - Regular	CP: Connectors	Fail		
7	Dispenser - Regular	CP: Connectors	Fail		
7	Dispenser - Premium	CP: Connectors	Fail		
8	Dispenser - Premium	CP: Connectors	Fail		
002	STP - Regular	CP: Connectors	Fail		
001	STP - Premium	CP: Connectors	Fail		
<b>Comments</b>					
The lines are inconclusive because we could not completely isolate the product line.					

**James Gallagher**  
 Petro-Tite Line Testing #PAC01051203090 (Exp:  
 12/03/2009)  
 Cathodic Protection Testing Training: CorPreTek

EPA 565

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Franklin Eagle Mart** 1397 Carrsville Hwy  
**Phone:** (610) 278-7203 Franklin, VA 23851  
**FAX:** 610-278-7621

**Facility/Agency Copy**  
 Site #USP1397 / WO #198993  
 Thu Dec 11th, 2008

**Petro Tite Line Test**

Line Number:	002						
Grade:	Regular	Net Volume Change:	-0.00600 gph				
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	125 ft.	(PL X Ba) + (FC X Bb) + B = N					
Diameter:	2 in.	(125 x 0.00000) + (5 x 0.006) + 0.05 = 0.08 gals					
Testing Line Length:	125						
Dispenser Range	3/4-5/6						
Wall:	Single	Allowable (gal):	0.08000				
Pump Manufac:	Red Jacket	Measured (gal):	0.04300				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1300	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000		
1400	Started line test	0.0	60.0	0.0000	0.0340	na	
1415	Line Test Continued	57.0	60.0	0.0340	0.0310	-0.003	
1430	Line Test Continued	57.0	60.0	0.0310	0.0280	-0.003	
	Bleed Back	60.0	0.0	0.0280	0.0710	0.043	

**Petro Tite Line Test**

Line Number:	001						
Grade:	Premium	Net Volume Change:	-0.01200 gph				
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	125 ft.	(PL X Ba) + (FC X Bb) + B = N					
Diameter:	2 in.	(125 x 0.00000) + (5 x 0.006) + 0.05 = 0.08 gals					
Testing Line Length:	125						
Dispenser Range	5,8						
Wall:	Single	Allowable (gal):	0.08000				
Pump Manufac:	Red Jacket	Measured (gal):	0.04800				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1300	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000		
1430	Started line test	0.0	60.0	0.0000	0.0440	na	
1445	Line Test Continued	52.0	60.0	0.0440	0.0380	-0.006	
1500	Line Test Continued	52.0	60.0	0.0380	0.0320	-0.006	
	Bleed Back	60.0	0.0	0.0320	0.0800	0.048	

**EPA 566**

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Franklin Eagle Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

1397 Carrsville Hwy  
 Franklin, VA 23851  
 Site #USP1397 / WO #198993  
 Thu Dec 11th, 2008

**Petro Tite Leak Detector Test**

**Petro Tite Leak Detector Test**

Leak Detector Number:	001	Leak Detector Number:	002
Grade:	Premium	Grade:	Regular
Dispenser Range:	1,8	Dispenser Range:	3/4-5/6
Make:	Red Jacket	Make:	Red Jacket
Model:	FX1DV	Model:	FX1V
Serial #	1442	Serial #	9239
<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic	<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic
Test Conducted at Dispenser #:	8	Test Conducted at Dispenser #:	5/6
Submersible Pump Operating Pressure (psi):	26	Submersible Pump Operating Pressure (psi):	27
Check Valve Holding Pressure (psi):	26	Check Valve Holding Pressure (psi):	27
Bleedback Check (gallons):	.0110	Bleedback Check (gallons):	.0120
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	2	Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	3
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive		Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.		Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Franklin Eagle Mart** 1397 Carrsville Hwy  
**Phone:** (610) 278-7203 Franklin, VA 23851  
**FAX:** 610-278-7621

**Facility/Agency Copy**  
 Site #USP1397 / WO #198993  
 Thu Dec 11th, 2008

Cathodic Protection: Tanks			
<b>Tank #</b>	2	<b>Tank #</b>	1
<b>Grade:</b>	Regular	<b>Grade:</b>	Premium
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Capacity:</b>	8060	<b>Capacity:</b>	8060
<b>Cathode Type:</b>	Sacrificial	<b>Cathode Type:</b>	Sacrificial
<b>Installation:</b>	Field Install	<b>Installation:</b>	Field Install
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Monitor riser	<b>Half Cell Location:</b>	Monitor riser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-1102 mv	<b>Energized On:</b>	-974 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>	STP sump	<b>Half Cell Location:</b>	STP sump
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-1072 mv	<b>Energized On:</b>	-925 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 3</b>		<b>Location 3</b>	
<b>Half Cell Location:</b>	End of tank	<b>Half Cell Location:</b>	End of tank
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-1005 mv	<b>Energized On:</b>	-966 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	P	<b>Result:</b>	P

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**Facility/Agency Copy**  
**Site #USP1397 / WO #198993**  
**Thu Dec 11th, 2008**

Cathodic Protection: Connectors			
Equipment # 1		Equipment # 2	
<b>Grade:</b>	Premium	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-392 mv	<b>Energized On:</b>	-280 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>F</b>	<b>Result:</b>	<b>F</b>

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**Facility/Agency Copy**  
**Site #USP1397 / WO #198993**  
**Thu Dec 11th, 2008**

Cathodic Protection: Connectors			
<b>Equipment #</b>	2	<b>Equipment #</b>	3-4
<b>Grade:</b>	Premium	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-285 mv	<b>Energized On:</b>	-379 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

EPA 570

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**Facility/Agency Copy**  
 Site #USP1397 / WO #198993  
 Thu Dec 11th, 2008

Cathodic Protection: Connectors			
<b>Equipment #</b>	5-6	<b>Equipment #</b>	7
<b>Grade:</b>	Regular	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-270 mv	<b>Energized On:</b>	-315 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>F</b>	<b>Result:</b>	<b>F</b>

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 Site #USP1397 / WO #198993  
 Thu Dec 11th, 2008

<b>Cathodic Protection: Connectors</b>			
<b>Equipment #</b>	7	<b>Equipment #</b>	8
<b>Grade:</b>	Premium	<b>Grade:</b>	Premium
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-313 mv	<b>Energized On:</b>	-481 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

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**Facility/Agency Copy**  
 Site #USP1397 / WO #198993  
 Thu Dec 11th, 2008

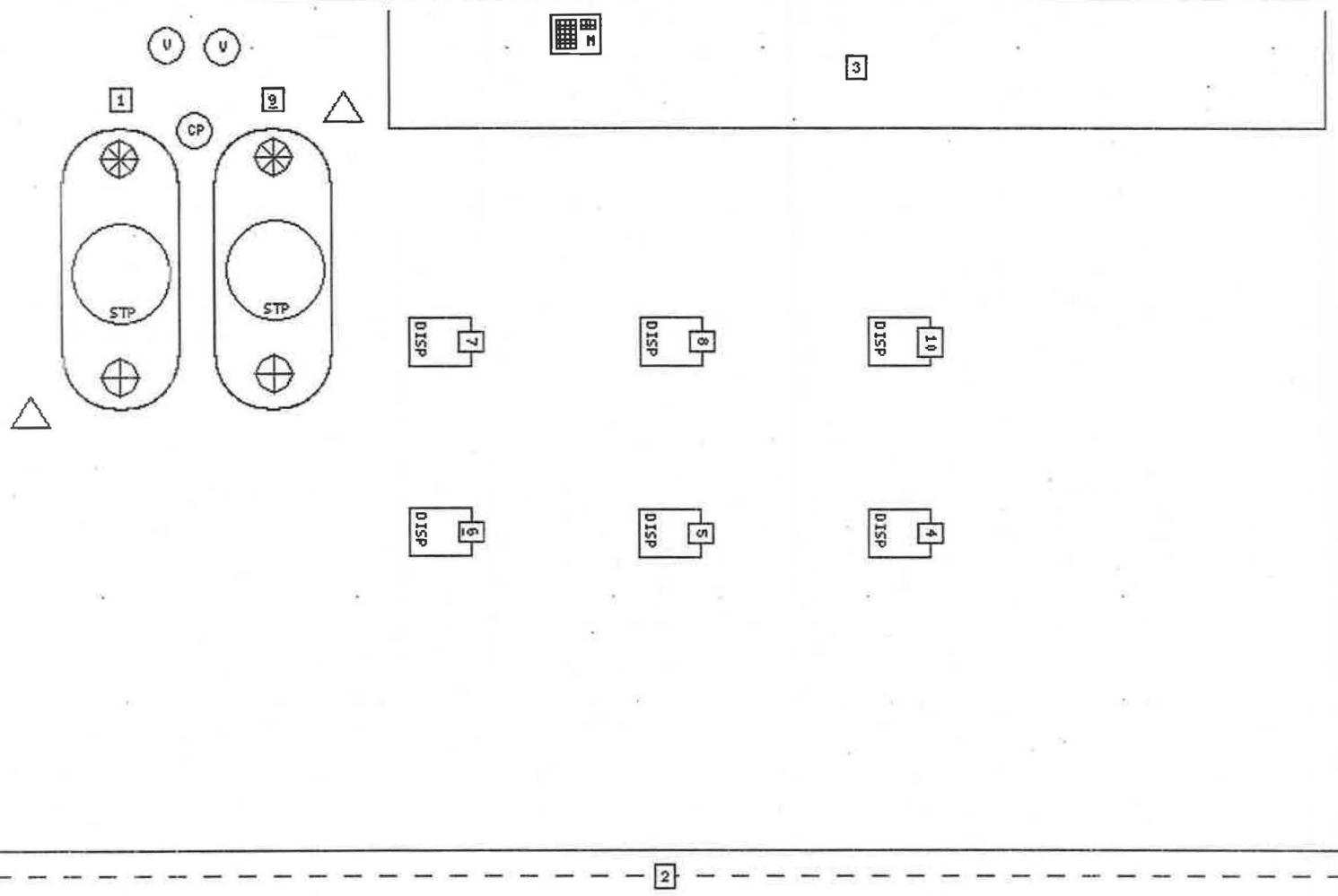
Cathodic Protection: Connectors			
<b>Equipment #</b>	002	<b>Equipment #</b>	001
<b>Grade:</b>	Regular	<b>Grade:</b>	Premium
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	STP	<b>Location:</b>	STP
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	STP sump	<b>Half Cell Location:</b>	STP sump
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-569 mv	<b>Energized On:</b>	-686 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

EPA 573

**CROMPCO**

**Date:** 2008-12-11  
**Work Order #:** 198993  
**Location #:** USP1397

Remote Fill	ATG	Road	Fixed Reference Cell	Circuit Breaker	Vent	Overfill Alarm
Dry Brake	Emergency Stop	Block	Stage 1 w/ Extractor	Interstitial	Containment Sump	Dispenser
Riser	Fill	CP Test Station	Flapper Direction	Temp Well Installed	Monitor	Rectifier
Anode	STP	CP Junction Box	Tank	Compass	Well	Drop Tank
Extractor				Manway	DW Fill	Remote Dry Brake



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**Facility/Agency Copy**  
Site #USP1397 / WO #198993  
Thu Dec 11th, 2008

**Site Diagram Labels**

- 1: Tank - 8k Regular Tank 2
- 2: Road - Carrsville Highway (US 58 Business)
- 3: Block - Eagle Mart
- 4: Dispenser - 1 Premium
- 5: Dispenser - 2 Plus
- 6: Dispenser - 3 - 4 Regular
- 7: Dispenser - 5 - 6 Regular
- 8: Dispenser - 7 Plus
- 9: Tank - 8k Premium Tank 1
- 10: Dispenser - 8 Premium

**EPA 575**

Scanned Paperwork, Page #1



8 hr travel

1815 Gallagher Road | Plymouth Meeting, PA 19462 | (610) 278-7203 | FAX 278-7621

CROMPCO CORPORATION WORK VERIFICATION

DATE 12/11/08

STATION NUMBER USP1397

WORK ORDER NUMBER 198993

ADDRESS FRANKLIN EAGLE MARKET

1397 CARROLL HWY

FRANKLIN VA 23851

ARRIVAL TIME

1200

DEPARTURE TIME

1515

TOTAL HOURS ON SITE

3 1/4

WORK PERFORMED

Lines - 20' - CP

TOTAL ADDITIONAL LABOR HOURS

PARTS REPLACED

DISPENSER NUMBER AND PRODUCT IF NOZZLES REPLACED

TOTAL GALLONS DISPENSED PER PRODUCT PER DISPENSER

TOTAL DOLLARS DISPENSED PER PRODUCT PER DISPENSER

DISPENSER NUMBER/GRADE OF FUELING POINT LOCKED OUT/TAGGED OUT

DEALER OR MANAGER SIGNATURE

*[Handwritten Signature]*

UNDERGROUND TANK & LINE TESTING

2

Scanned Paperwork, Page #2

VIRGINIA DEQ		CATHODIC PROTECTION SYSTEM EVALUATION FORM		7831-GP (06/06)	
> This form should be utilized to evaluate underground storage tank (UST) cathodic protection systems in the Commonwealth of Virginia. > Access to the soil directly over the cathodically protected structure that is being evaluated must be provided. > A site drawing depicting the UST cathodic protection system and all reference electrode placements must be completed.					
I. UST OWNER			II. UST FACILITY		
NAME: NEW Jersey Petroleum - Deq		NAME: Franklin Eagle Mart		NO.:	
ADDRESS: 100 Plaza Drive Suite 100		ADDRESS: 1327 Carrollville Hwy			
CITY: SEAFORD		CITY: Franklin		COUNTY:	
STATE: NJ		STATE: VA		ZIP: 23851	
PHONE: 201-860-9000		PHONE:			
ZIP: 07094		ZIP: 23851		PHONE:	
III. REASON SURVEY WAS CONDUCTED (check only one)					
<input checked="" type="checkbox"/> Routine - 3 year <input type="checkbox"/> Routine - within 6 months of installation <input type="checkbox"/> 90 day re-survey after fail <input type="checkbox"/> Re-survey after repair/modification					
(Date next cathodic protection survey must be conducted) _____ (required within 6 months of installation/repair & every 3 years thereafter)					
IV. CATHODIC PROTECTION TESTER'S EVALUATION (check only one)					
<input type="checkbox"/> <b>PASS</b> All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VI).					
<input checked="" type="checkbox"/> <b>FAIL</b> One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system(s) (complete Section VII).					
TESTER'S NAME: James Callagher		SOURCE OF CERTIFICATION: CalProTek			
COMPANY NAME: Crompco Corp		TYPE OF CERTIFICATION: Tester			
ADDRESS: 1815 Callagher Rd		CERTIFICATION NUMBER:			
CITY: Monroeth Station		STATE: PA		PHONE: 610 278 7203	
ZIP: 19462					
DATE TESTED: 12/1/08		DATE SURVEY PERFORMED: 12/1/08			
V. CORROSION EXPERT'S EVALUATION (Indicate only one)					
The survey must be conducted and/or conducted by a (certified person) when: a) supplemental anodes or other changes in the construction of the cathodic protection system are made; b) stray current may be affecting buried metallic structures; or c) an inconclusive result was written in Section VI. (except for under STI-9972 - Recommended Practice for the Addition of Supplemental Anodes to UST's)					
<input type="checkbox"/> <b>PASS</b> All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VI).					
<input type="checkbox"/> <b>FAIL</b> One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system (indicate what action is necessary by completion of Section VII).					
CORROSION EXPERT'S NAME:		SOURCE OF CERTIFICATION:			
COMPANY NAME:		TYPE OF CERTIFICATION:			
ADDRESS:		CERTIFICATION NUMBER:			
CITY:	STATE:	ZIP:	PHONE:		
CORROSION EXPERT'S SIGNATURE:		DATE:			
VI. CRITERIA APPLICABLE TO EVALUATION (check all that apply)					
<input checked="" type="checkbox"/> <b>-850mV ON / (Inert) OFF</b> (Circle "ON" or "OFF" to specify)		Structure-to-soil potential more negative than -850 mV with respect to a Cu/CuSO <sub>4</sub> reference electrode with protective current ON (galvanic) or temporarily interrupted (resists OFF (energized)) Inconclusive? <input type="checkbox"/>			
<input type="checkbox"/> <b>100 mV POLARIZATION</b>		Structure(s) arrive at least 100 mV of cathodic polarization Inconclusive? <input type="checkbox"/>			
VII. ACTION REQUIRED AS A RESULT OF THIS EVALUATION (check only one)					
<input type="checkbox"/> <b>NONE</b>		Cathodic protection is adequate. No further action is necessary at this time. Test again by no later than (see Section VI).			
<input type="checkbox"/> <b>RETEST</b>		Cathodic protection may not be adequate. Retest during the next 90 days to determine if passing results can be achieved.			
<input checked="" type="checkbox"/> <b>REPAIR &amp; RETEST</b>		Cathodic protection is not adequate. Repair/modification is necessary as soon as practical but within the next 90 days.			

Scanned Paperwork, Page #3

VII IDENTIFICATION OF LUST SYSTEM					
TANK	PRODUCT	CAPACITY	TANK MATERIAL	PIPING MATERIAL	FLEX CONNECTORS
1	Premium	80kL	Steel	FRP	Steel
2	Regular	80kL	Steel	FRP	Steel
3					
4					
5					
6					
7					
8					
9					
10					

**VIII IMPRESSED CURRENT RECTIFIER DATA (Complete all possible items)**

In order to conduct an effective evaluation of the cathodic protection system, a complete evaluation of rectifier operation is necessary.

RECTIFIER MANUFACTURER: \_\_\_\_\_ RATED DC OUTPUT: \_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

RECTIFIER MODEL: \_\_\_\_\_ RECTIFIER SERIAL NUMBER: \_\_\_\_\_

RECTIFIER OUTPUT AS INITIALLY DESIGNED OR LATEST RECOMMENDED (if available): \_\_\_\_\_ VOLTS \_\_\_\_\_ AMPS

EVENT	DATE	TAP SETTINGS		DC OUTPUT		HOUR METER	COMMENTS
		COARSE	FINE	VOLTS	AMPS		
"AS FOUND"							
"AS LEFT"							

**IX IMPRESSED CURRENT POSITIVE & NEGATIVE CIRCUIT MEASUREMENTS (When Applicable)**

Complete if the system is designed to allow such measurements (i.e. individual lead wires for each anode are installed and measurement shunts are present)

CIRCUIT	1	2	3	4	5	6	7	8	9	10	TOTAL AMPS
ANODE (+)											
TANK (-)											

**XI DESCRIPTION OF CATHODIC PROTECTION SYSTEM REPAIRS AND/OR MODIFICATION**

Complete if any repairs or modifications to the cathodic protection system are made OR are necessary. Certain repairs/modifications are explained in the text of the VADES cathodic protection planning document and required to be designed and/or evaluated by a corrosion expert (completion of Section V required).

- Additional anodes for an impressed current system (attach corrosion expert's design)
- Supplemental anodes for a BT-PCB tank or metallic pipe (attach corrosion expert's design or documentation industry standard was followed)
- Repair or replacement of rectifier (explain in "Remarks/Other" below)
- Anode header cables repaired and/or replaced (explain in "Remarks/Other" below)
- Impressed current protected tanks/piping not electrically continuous (explain in "Remarks/Other" below)
- Sacrificial protected tanks/piping NOT electrically isolated (explain in "Remarks/Other" below)

Remarks/Other: \_\_\_\_\_

APPROVED BY THE OPERATOR: \_\_\_\_\_ ENVIRONMENTAL QUALITY UNIT PROGRAM

Scanned Paperwork, Page #4

**XII. UST FACILITY SITE DRAWING**

Attach detailed drawing of the UST and cathodic protection systems. Sufficient detail must be given in order to clearly indicate where the reference electrode was placed for each structure-to-soil potential that is recorded on the survey forms. Any pertinent data must also be included. At a minimum indicate the following: all tanks, piping and dispensers; all buildings and streets; all anodes and wires; location of CP test stations; and, each reference electrode placement must be indicated by a code followed by a "C" or "G" to indicate the type of CP system (e.g., R1-C, R2-G, etc.) corresponding with the appropriate line number in Section XIV of this form. (Note, CP test stations (PPS) may be questionable for use as described in Section 6.1.2)

**AN EVALUATION OF THE CATHODIC PROTECTION SYSTEM IS NOT COMPLETE WITHOUT AN ACCEPTABLE SITE DRAWING.**

PROVIDED BY THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY - UST PROGRAM  
 P.O. Box 11000, RICHMOND, VA 23211-0000 Phone: (804) 785-6912 Fax: (804) 785-6924 www.deq.state.va.us



Scanned Paperwork, Page #6

This section may be utilized to conduct a survey of the cathodic protection system by obtaining structure-to-soil potential measurements.

**For Impressed Current (IC) systems:** The reference electrode must be placed (minimum of three locations) in the soil directly above the structure that is being tested and as far away from any sacrificial anode as practical to obtain a valid structure-to-soil potential (refer to the VADEQ cathodic protection evaluation guidance document for detailed discussion of electrode placement).  
 Both "on" and "instant off" potentials must be measured for each structure that is intended to be under cathodic protection.  
 The "instant off" potential must be  $\geq 100$  mV DC or more negative or the 100 mV DC polarization criterion must be satisfied in order to pass.

**For Galvanic (GI) systems:** The reference electrode must be placed (minimum of three locations) with at least one local and at least one placed remotely 25-100 feet away from the structure.  
 Both the local and remote voltage must be  $\geq -650$  mV DC or more negative in order for the structure to pass.  
 Concurrence is indicated when both the local and remote structure-to-soil potentials do not result in the same outcome (both must "pass" or both must "fail").  
 As a place to record the "galvanic CP system voltage", use the "On Voltage" from column below and, in cases with supplemental anodes use the "Instant Off" column as well.

NOTE: This survey is not complete unless all applicable parts of sections 1 - 11V are also completed!

PLANT/FACILITY NAME: \_\_\_\_\_

Structure Type	STRUCTURE	CONTACT POINT	REFERENCE CELL PLACEMENT	ON VOLTAGE	INSTANT OFF VOLTAGE	11V OR POLARIZATION		PASS/FAIL
						Structure Vol. (mV)	Structure Change (mV)	
HAZ-0	HAZ-0 STEEL TANK	TANK BOTTOM	SOIL @ FLEX TANK STEP MANWAY	-870 mV	-870 mV	Structure	Structure	PASS
HAZ-0	HAZ-0 STEEL TANK	TANK BOTTOM	SOIL @ CHEMIL TANK STEP MANWAY	-870 mV	-870 mV	Structure	Structure	PASS
HAZ-0	HAZ-0 STEEL TANK	DISPENSER 7/8	SOIL @ CHEMIL TANK STEP MANWAY	-810 mV	-720 mV	Structure	Structure	FAIL
HAZ-0	HAZ-0 STEEL TANK	TANK BOTTOM	SOIL @ PREM. TANK STEP MANWAY	-800 mV	NA	Structure	Structure	PASS
HAZ-0	HAZ-0 STEEL TANK	TANK BOTTOM	SOIL @ PREM. TANK STEP MANWAY	-580 mV	NA	Structure	Structure	FAIL
HAZ-0	HAZ-0 STEEL TANK	TANK BOTTOM	SOIL @ PREM. TANK STEP MANWAY	-1070 mV	-850 mV	Structure	Structure	PASS
	Prem 1st	Tank Bottom	Soil @ Prem 1st	-974				PASS
	Prem 1st	Tank Bottom	Soil @ Prem 1st	-925				PASS
	Prem 1st	Tank Bottom	Soil @ Prem end of tank	-966				PASS
	Prem 1st	Tank Bottom	Soil @ Manway	-1102				PASS
	Prem 1st	Tank Bottom	Soil @ 1st	-1072				PASS
	Prem 1st	Tank Bottom	Soil @ end of tank	-1005				PASS
	Prem Flex	Flex Conn	Soil @ Disp 1	-372				FAIL
	Prem Flex	Flex Conn	Soil @ Disp 2	-390				FAIL
	Prem Flex	Flex Conn	Soil @ Disp 2	-393				FAIL
	Prem Flex	Flex Conn	Soil @ Disp 1/4	-339				FAIL
	Prem Flex	Flex Conn	Soil @ Disp 5/8	-370				FAIL
	Prem Flex	Flex Conn	Soil @ Disp 2	-315				FAIL

COMMENTS:

Use copies of this page as needed for additional reference cell readings.

- Designate numerically or by name on the site drawing each local reference electrode placement (e.g. R1, R2, R3, etc.).
- Describe the structure that is being tested (e.g. plus tank; steel piping; the structure, etc.).
- Describe the where the structure being tested is connected by the test lead (e.g. plus tank bottom; steel piping @ dispenser; etc.).
- Describe the test setup where the reference electrode is placed for each measurement (e.g. end @ region top step manway or @ Dispenser 1, etc.).
- (Applies to all tests) Record the structure-to-soil potential (voltage observed with the current applied (e.g. -870 mV)).
- (Applies to all tests) Record the structure-to-soil potential (voltage) observed with the current to interruption (e.g. 800 mV).
- (Applies to 11V test polarization test only) Record the voltage observed at the end of the test period (e.g. 875 mV).
- (Applies to 11V test polarization test only) Record the final voltage from the instant off voltage (e.g. 800 mV - 875 mV = -75 mV).
- Indicate if the test structure passed or failed one of the two acceptable criteria (650 mV instant off or 100 mV polarization) based on your interpretation of data.

APPROVED BY THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY: DAE PROGRAM  
 PROJECT: 10001, 10002, 10003, 10004, 10005, 10006, 10007, 10008, 10009, 10010, 10011, 10012, 10013, 10014, 10015, 10016, 10017, 10018, 10019, 10020

Scanned Paperwork, Page #7

This section may be utilized to conduct a survey of the cathodic protection system by obtaining structure-to-soil potential measurements.

**For impressed current (IC) systems:** the reference electrode must be placed (minimum of three locations) in the soil directly above the structure that is being tested and as far away from any anode as practical to obtain a valid structure-to-soil potential (refer to the NACE/CIP cathodic protection evaluation guidance document for detailed discussion of electrode placement).

**For Galvanic (G) systems:** the reference electrode must be placed (minimum of three locations) with at least one local and at least one placed remotely 25-100 feet away from the structure.

Both the local and remote voltage must be  $-850$  mV DC or more negative, in order for the structure to pass.

Inconclusive is indicated when both the local and remote structure-to-soil potentials do not result in the same outcome (both must "pass" or both must "fail").

As a place to record the "Galvanic CP system voltage" use the "On Voltage" fifth column below, and, in cases with supplemental anodes use the "Instant Off" column as well.

**FACILITY NAME:** \_\_\_\_\_ **NOTE:** This survey is not complete unless all applicable parts of sections I - XIV are also completed.

Location Code	Structure	Contact Point	Reference Cell Placement	On Voltage	Instant Off Voltage	100 mV Polarization		Pass/Fail
						Structure Voltage	Structure Change	
R1-C	PLATE STEEL 100'	TANK BOTTOM	SOIL @ FLEX TANK STP MANWAY	-1210 mV	-876 mV			PASS
R2-A	DIESEL TANK	DISPENSER 70'	SOIL @ DIESEL TANK STP MANWAY	-810 mV	-882 mV	-870 mV	100 mV	PASS
R2-B	DIESEL TANK	DISPENSER 70'	SOIL @ DIESEL TANK STP MANWAY	-810 mV	-720 mV	-830 mV	80 mV	FAIL
R3-A-G	PREMIUM 45-100'	TANK BOTTOM	SOIL @ PREM TANK STP MANWAY	-880 mV	SEA	SEA	SEA	PASS
R3-B-G	PREMIUM 45-100'	TANK BOTTOM	SOIL @ PREM TANK STP MANWAY	-880 mV	SEA	SEA	SEA	FAIL
R3-C-G	PREMIUM 45-100'	TANK BOTTOM	SOIL @ PREM TANK STP MANWAY	-1070 mV	-853 mV	SEA	SEA	PASS
	Flex Conn	Flex Conn	Soil @ Disp 7	-313				Fail
	Flex Conn	Flex Conn	Soil @ Disp 8	-481				Fail
	Flex Conn	Flex Conn	Soil @ Stp Manway	-686				
	Flex Conn	Flex Conn	Soil @ Stp Manway	-569				

**COMMENTS:**

Use copies of this page as needed for additional reference cell readings.

- Designate location(s) of test site on the site drawing each local reference electrode placement (e.g. R1-A, R1-B, R1-C, etc.)
- Describe the structure that is being tested (e.g. steel tank, steel piping, etc.)
- Describe where the structure being tested is contacted by the test lead (e.g. tank bottom, steel piping @ dispenser, etc.)
- Describe the exact location where the reference electrode is placed for each measurement (e.g. sea @ regular sea STP Manway, etc.)
- (Applies to all tests) Record the structure-to-soil potential (voltage) observed with the circuit applied (e.g. -1070 mV)
- (Applies to all tests) Record the structure-to-soil potential (voltage) observed when the system is interrupted (e.g. 882 mV)
- (Applies to 100 mV polarization test only) Record the voltage observed at the end of the test period (e.g. 870 mV)
- (Applies to 100 mV polarization test only) Submit the final voltage from the instant off voltage (e.g. 880 mV - 870 mV = 100 mV)
- Indicate if the tested structure passed or failed one of the two acceptable criteria (850 mV instant off or 100 mV polarization) based on your interpretation of data.

APPROVED FOR THE UNIVERSITY OF TEXAS AT AUSTIN BY: \_\_\_\_\_

DATE: \_\_\_\_\_



**Fwd: Crompco Test Results: Work Order #223114**

t  
Ezgi Kiriscioglu o Andrew Ma

05/11/2010 11:21 AM

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----- Forwarded message -----

**From: Jennifer Foster** <[jennifer.foster@crompco.com](mailto:jennifer.foster@crompco.com)>

**Date:** Tue, May 11, 2010 at 10:59 AM

**Subject:** Crompco Test Results: Work Order #223114

**To:** [ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com), "ezgi.njpo@gmail.com" <[ezgi.njpo@gmail.com](mailto:ezgi.njpo@gmail.com)>

Please see attachment.

--

Ezgi Kiriscioglu

P: 201-866-9000



F: 201-866-9006 [Crompco\\_Results\\_SUSP1397\\_WO223114.html](#)





**IMPORTANT LEGAL DOCUMENTS**

December 3rd, 2009

Franklin Eagle Mart #USP1397  
1397 Carrsville Hwy  
Franklin, VA 23851

Re:  
2009 Compliance Test Results  
Crompco Work Order #223114  
Test Performed on Tue Nov 3rd, 2009

Dear Manager (Facility #USP1397):

Enclosed are the 2009 Compliance Test Results for testing performed by Crompco. These test results are **important legal documents** that are required to be retained at your facility in the "Environmental Compliance Binder" in case an inspection would occur by a state or local agency. Upon receipt, please put the results in the binder as requested.

The 2009 compliance tests performed at your facility are indicated below. For specific testing detail, please refer to the enclosed test report.

	Tank(s)
X	Line(s) and/or Leak Detector(s)
X	Cathodic Protection
	Monitor Inspection
	Vapor Recovery
	Other (See Report for Details)

If you should have any questions regarding the test results enclosed, please contact Crompco at 1-800-646-3161.

Sincerely,

Francyne Klein  
Compliance Administrator

**EPA 584**



## CERTIFICATE OF UNDER GROUND STORAGE TANK SYSTEM TESTING



**Crompco, LLC**  
1815 Gallagher Road  
Plymouth Meeting, PA 19462

**Phone:** (610) 278-7203  
**Fax:** (610) 278-7621

<b>Work Order #223114</b>		<b>Client Information</b>		<b>Location #USP1397</b>	
<b>Date:</b> Tue Nov 3rd, 2009 <b>Reason:</b> Compliance		CASH ON DELIVERY - Testing Services Agreement <b>Invoice #</b> 248510 <b>Permit#</b> <b>P.O.#</b>		Franklin Eagle Mart 1397 Carrsville Hwy Franklin, VA 23851 <b>County:</b> Isle Of Wight	
Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.					
<b>Lines</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
1 (1 and 8)	Diesel	Petro-tite Line	Pass		
2 (2-7)	Regular	Petro-tite Line	Pass		
<b>Leak Detectors</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
002	Regular	Leak Detector	Pass		
001	Diesel	Leak Detector	Pass		
<b>Cathodic Protection: Tanks</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
2	Regular	CP: Tanks	Pass		
1	Diesel	CP: Tanks	Pass		
<b>Cathodic Protection: Connectors/Siphon Bar</b>					
<b>Equip #</b>	<b>Location</b>	<b>Test</b>	<b>Result</b>		
1	Dispenser - Diesel	CP: Connectors	Fail		
7	Dispenser - Regular	CP: Connectors	Fail		
2	Dispenser - Regular	CP: Connectors	Fail		
3-4	Dispenser - Regular	CP: Connectors	Fail		
5-6	Dispenser - Regular	CP: Connectors	Fail		
8	Dispenser - Diesel	CP: Connectors	Fail		
002	STP - Regular	CP: Connectors	Fail		
001	STP - Diesel	CP: Connectors	Fail		

Ray Bailey  
VMI LDT-890 #2481 and Install/Replace #2480  
Cathodic Protection Testing Training: CorPreTek  
Petro-Tite Line Testing #PAC01117112111R (Exp:  
11/21/2011)

EPA 585

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Franklin Eagle Mart** 1397 Carrsville Hwy  
**Phone:** (610) 278-7203 Franklin, VA 23851  
**FAX:** 610-278-7621

**Facility/Agency Copy**  
 Site #USP1397 / WO #223114  
 Tue Nov 3rd, 2009

**Petro Tite Line Test**

Line Number:	1	
Grade:	Diesel	Net Volume Change: 0.00000 gph
Material:	Fiberglass	<b>Bleedback</b>
Total Line Length:	125 ft.	(PL X Ba) + (FC X Bb) + B = N
Diameter:	2 in.	(125 x 0.00000) + (3 x 0.006) + 0.05 = 0.068 gals
Testing Line Length:	125	
Dispenser Range	1 and 8	
Wall:	Single	Allowable (gal): 0.06800
Pump Manufac:	Red Jacket	Measured (gal): 0.03900
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1159	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0	
1200	Started line test	0.0	50.0	0.0000	0.0230	N/A	
1215	Line Test Continued	50.0	50.0	0.0230	0.0230	0	
1230	Line Test Continued	50.0	50.0	0.0230	0.0230	0	
	Bleed Back	50.0	0.0	0.0230	0.0620	0.039	

**Petro Tite Line Test**

Line Number:	2	
Grade:	Regular	Net Volume Change: 0.00000 gph
Material:	Fiberglass	<b>Bleedback</b>
Total Line Length:	125 ft.	(PL X Ba) + (FC X Bb) + B = N
Diameter:	2 in.	(125 x 0.00000) + (5 x 0.006) + 0.05 = 0.08 gals
Testing Line Length:	125	
Dispenser Range	2-7	
Wall:	Single	Allowable (gal): 0.08000
Pump Manufac:	Red Jacket	Measured (gal): 0.04500
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive

Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
1159	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000	0	
1201	Started line test	0.0	50.0	0.0000	0.0330	N/A	
1216	Line Test Continued	50.0	50.0	0.0330	0.0330	0	
1231	Line Test Continued	50.0	50.0	0.0330	0.0330	0	
	Bleed Back	50.0	0.0	0.0330	0.0780	0.045	

EPA 586

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Franklin Eagle Mart**  
**Phone: (610) 278-7203**  
**FAX: 610-278-7621**

1397 Carrsville Hwy  
 Franklin, VA 23851  
 Site #USP1397 / WO #223114  
 Tue Nov 3rd, 2009

**Line Leak Detector Test**

**Line Leak Detector Test**

Leak Detector Number:	002	Leak Detector Number:	001
Grade:	Regular	Grade:	Diesel
Dispenser Range:	2-7	Dispenser Range:	1 and 8
Make:	Red Jacket	Make:	Red Jacket
Model:	FX1V	Model:	FX1DV
Serial #	9239	Serial #	
<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic	<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electronic
Test Conducted at Dispenser #:	5/6	Test Conducted at Dispenser #:	8
Submersible Pump Operating Pressure (psi):	28	Submersible Pump Operating Pressure (psi):	28
Check Valve Holding Pressure (psi):	20	Check Valve Holding Pressure (psi):	20
Bleedback Check (gal):	.016	Bleedback Check (gal):	.014
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	5	Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	7
During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	During actual testing, when simulated leak is induced . The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive		Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.		Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	

**Crompco, LLC**      **Franklin Eagle Mart**      1397 Carrsville Hwy **Facility/Agency Copy**  
**1815 Gallagher Road**      **Phone:** (610) 278-7203 Franklin, VA 23851      **Site #USP1397 / WO #223114**  
**Plymouth Meeting, PA 19462**      **FAX:** 610-278-7621      **Tue Nov 3rd, 2009**

<b>Cathodic Protection: Tanks</b>			
<b>Tank #</b> 2		<b>Tank #</b> 1	
<b>Grade:</b> Regular		<b>Grade:</b> Diesel	
<b>Material:</b> Steel		<b>Material:</b> Steel	
<b>Capacity:</b> 8060		<b>Capacity:</b> 8060	
<b>Cathode Type:</b> Sacrificial		<b>Cathode Type:</b> Sacrificial	
<b>Installation:</b> Field Install		<b>Installation:</b> Field Install	
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Extractor riser	<b>Half Cell Location:</b>	Extractor riser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-1080 mv	<b>Energized On:</b>	-1016 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>	STP sump	<b>Half Cell Location:</b>	STP sump
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-1091 mv	<b>Energized On:</b>	-1040 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 3</b>		<b>Location 3</b>	
<b>Half Cell Location:</b>	End of tank	<b>Half Cell Location:</b>	End of tank
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-1077 mv	<b>Energized On:</b>	-1038 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>P</b>	<b>Result:</b>	<b>P</b>

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Franklin Eagle Mart** 1397 Carrsville Hwy **Facility/Agency Copy**  
**Phone:** (610) 278-7203 Franklin, VA 23851 **Site #USP1397 / WO #223114**  
**FAX:** 610-278-7621 **Tue Nov 3rd, 2009**

Cathodic Protection: Connectors			
<b>Equipment #</b>	1	<b>Equipment #</b>	7
<b>Grade:</b>	Diesel	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-472 mv	<b>Energized On:</b>	-488 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	<b>F</b>	<b>Result:</b>	<b>F</b>

EPA 589

**Crompco, LLC**      **Franklin Eagle Mart**      1397 Carrsville Hwy      **Facility/Agency Copy**  
**1815 Gallagher Road**      **Phone:** (610) 278-7203 Franklin, VA 23851      **Site #USP1397 / WO #223114**  
**Plymouth Meeting, PA 19462**      **FAX:** 610-278-7621      **Tue Nov 3rd, 2009**

Cathodic Protection: Connectors			
<b>Equipment #</b>	2	<b>Equipment #</b>	3-4
<b>Grade:</b>	Regular	<b>Grade:</b>	Regular
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-476 mv	<b>Energized On:</b>	-491 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Franklin Eagle Mart** 1397 Carrsville Hwy  
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**FAX:** 610-278-7621

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**Site #USP1397 / WO #223114**  
**Tue Nov 3rd, 2009**

Cathodic Protection: Connectors			
<b>Equipment #</b>	5-6	<b>Equipment #</b>	8
<b>Grade:</b>	Regular	<b>Grade:</b>	Diesel
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	Dispenser	<b>Location:</b>	Dispenser
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	Dispenser	<b>Half Cell Location:</b>	Dispenser
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-482 mv	<b>Energized On:</b>	-472 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Franklin Eagle Mart** 1397 Carrsville Hwy  
**Phone:** (610) 278-7203 Franklin, VA 23851  
**FAX:** 610-278-7621

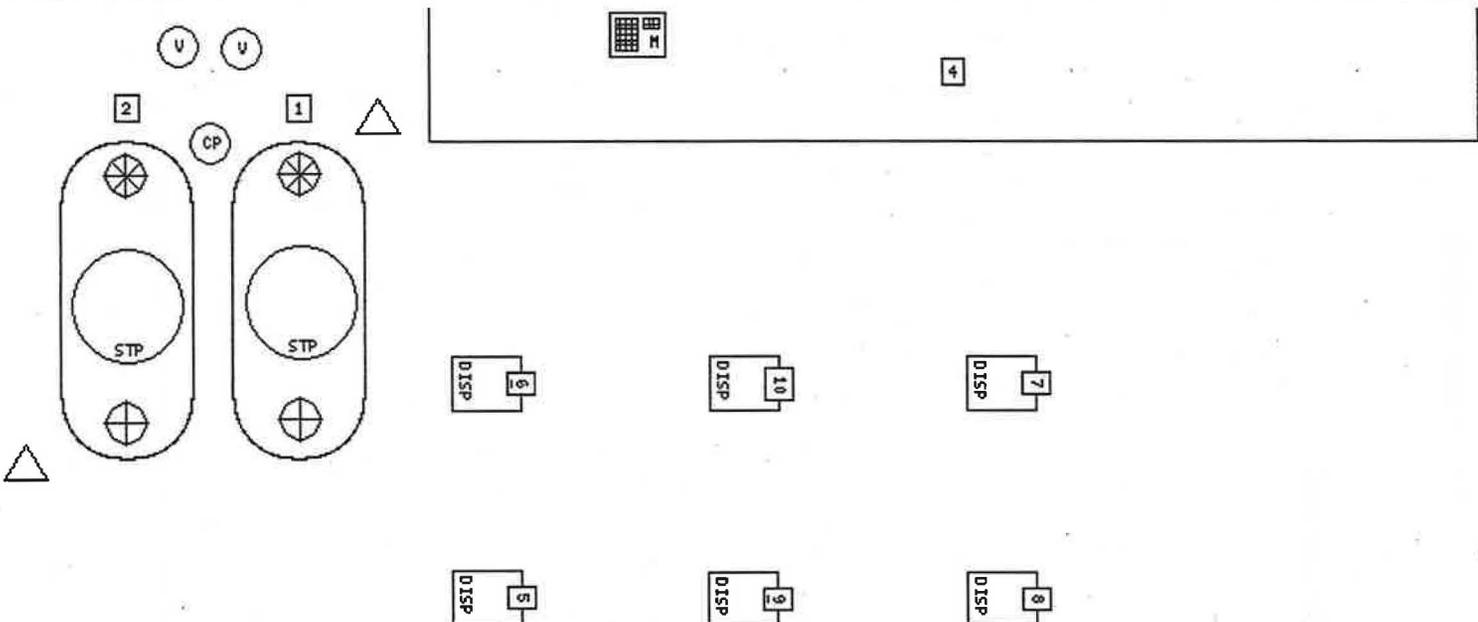
**Facility/Agency Copy**  
 Site #USP1397 / WO #223114  
 Tue Nov 3rd, 2009

Cathodic Protection: Connectors			
<b>Equipment #</b>	002	<b>Equipment #</b>	001
<b>Grade:</b>	Regular	<b>Grade:</b>	Diesel
<b>Material:</b>	Steel	<b>Material:</b>	Steel
<b>Type:</b>	Flex Connector	<b>Type:</b>	Flex Connector
<b>Location:</b>	STP	<b>Location:</b>	STP
<b>Cathode Type:</b>	No CP Installed	<b>Cathode Type:</b>	No CP Installed
<b>Installation:</b>	None	<b>Installation:</b>	None
<b>Location 1</b>		<b>Location 1</b>	
<b>Half Cell Location:</b>	STP sump	<b>Half Cell Location:</b>	STP sump
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	-572 mv	<b>Energized On:</b>	-523 mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Location 2</b>		<b>Location 2</b>	
<b>Half Cell Location:</b>		<b>Half Cell Location:</b>	
<b>Half Cell Location Equipment Number (optional):</b>		<b>Half Cell Location Equipment Number (optional):</b>	
<b>Energized On:</b>	mv	<b>Energized On:</b>	mv
<b>Instant Off:</b>	mv	<b>Instant Off:</b>	mv
<b>Native (local):</b>	mv	<b>Native (local):</b>	mv
<b>Native (remote):</b>	mv	<b>Native (remote):</b>	mv
<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Lead Wires Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Test Station Present:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Instant Off Capability:</b>	<input type="checkbox"/> Unknown <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Result:</b>	F	<b>Result:</b>	F



Date: 2009-11-03  
Work Order #: 223114  
Location #: USP1397

Remote Fill	ATG	Road	Fixed Reference Cell	Circuit Breaker	Vent	Overfill Alarm
Dry Brake	Emergency Stop	Block	Stage 1 w/ Extractor	Interstitial	Containment Sump	Dispenser
Riser	Fill	CP Test Station	Flapper Direction	Temp Well Installed	Monitor	Rectifier
Anode	STP	Tank	Compass	Well	DW Fill	Drop Tank
Extractor	CP Junction Box		Manway	Remote Dry Brake		



**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Franklin Eagle Mart** 1397 Carrsville Hwy  
**Phone:** (610) 278-7203 Franklin, VA 23851  
**FAX:** 610-278-7621

**Facility/Agency Copy**  
Site #USP1397 / WO #223114  
Tue Nov 3rd, 2009

**Site Diagram Labels**

- 1: Tank - 8k diesel Tank 1
- 2: Tank - 8k Regular Tank 2
- 3: Road - Carrsville Highway (US 58 Business)
- 4: Block - Eagle Mart
- 5: Dispenser - 3 - 4 Regular
- 6: Dispenser - 5 - 6 Regular
- 7: Dispenser - 8 diesel
- 8: Dispenser - 1 diesel
- 9: Dispenser - 2 reg
- 10: Dispenser - 7 reg

**EPA 594**

Scanned Paperwork, Page #1

1815 Gallagher Road Plymouth Meeting, Pa 19462 <b>WORK VERIFICATION</b>	 <b>CROMPCO</b> <small>PERFORMANCE WITHOUT COMPROMISE</small>	610-278-7203 610-278-7621 (fax) www.crompco.com	
<b>STATION INFORMATION</b>			
TEST DATE	<u>11/3/09</u>	WORK ORDER #	<u>223114</u>
ARRIVAL TIME	<u>1145</u>	SITE NUMBER	<u>USP1397</u>
DEPART TIME	<u>1300</u>	SITE NAME	<u>EAGLE MART</u>
TOTAL HRS ON SITE	<u>1.25</u>	SITE ADDRESS	<u>1397 Caccosville Hwy/ Franklin VA 23851</u>
ADDL LABOR HRS			
<b>WORK PERFORMED</b>			
<u>LINES, LEAK DETECTORS, CATHODIC PROTECTION</u>			
<b>PARTS REPLACED</b>			
<b>ADDITIONAL INFORMATION</b>			
DISPENSER # AND PRODUCT IF NOZZLES REPLACED _____			
TOTAL \$ DISPENSED PER PRODUCT PER DISPENSER _____			
DISPENSER # GRADE FUEL POINT LOCK OUT/TAG OUT _____			
TOTAL GAL'S DISPENSED PER PRODUCT PER DISPENSER _____			
<b>COMMENTS</b>			
<u>Total \$200.00</u>			
<u>received 1-for 9600.00 / # 398</u>			
<b>SAFETY OSHA REQUIREMENTS</b>			
<input checked="" type="checkbox"/> SAFETY VEST	<input checked="" type="checkbox"/> GLOVES	<input checked="" type="checkbox"/> SAFETY GLASSES/GOGGLES	
<input type="checkbox"/> PROTECTIVE CLOTHING	<input type="checkbox"/> HEARING PROTECTION	<input type="checkbox"/> RESPIRATOR	<input type="checkbox"/> OTHER
<input checked="" type="checkbox"/> BOOTS	<input type="checkbox"/> WELDING PPE	<input type="checkbox"/> HARD HAT	
<b>CHECK APPLICABLE ITEM(S) BELOW PER OSHA REQUIREMENTS</b>			
<input type="checkbox"/> ABOVE GROUND WORK & LADDER USAGE	Use fall protection on walking surfaces 6 feet or more above the ground Use correct sized ladder/walk step for climbing that is in good condition and sturdy		
<input checked="" type="checkbox"/> BARRIERS & WARNING SIGNS	Use barriers & safety cones to warn others of work activity and potential hazards		
<input type="checkbox"/> CONFINED SPACE ENTRY	Use written confined space entry program & permit in accordance with OSHA regulations		
<input type="checkbox"/> EXCAVATION & TRENCHING	Identify location of underground pipelines, wiring & utilities prior to start of work Use appropriate shoring & follow confined space procedures when required		
<input checked="" type="checkbox"/> LOCKOUT/TAGOUT PROCEDURES	Identify components in circuit breaker, trip breaker, & place LOTO prior to start of work		
<b>GENERAL SITE SAFETY RULES</b>			
1. Safety vest must be worn at all times 2. Wear other personal protective equipment required by the job task. Use barricades, reflectors, & orange safety cones when working outside 3. Use proper ladder/walk step for climbing. Ladder to be in good condition, used properly (extended 3 ft beyond roof line & tied off or properly secured) 4. Smoking is NOT permitted anywhere on the work site AT ANY TIME 5. Drug and alcohol use is prohibited. Contractors under the influence of alcohol and drugs will not be allowed to work 6. Have appropriate fire extinguishers and first aid kit available for use on vehicle 7. Report ALL safety incidents & near misses (no) to site manager immediately, property damage, fires, spills, and other safety hazards to owner & engineer			
DEALER OR MANAGER NAME (PRINT) <u>James Ackman</u>		SIGNATURE <u>[Signature]</u>	

EPA 595

Scanned Paperwork, Page #2

VIRGINIA DEQ		CATHODIC PROTECTION SYSTEM EVALUATION FORM		7831-CP (05/06)	
> This form should be utilized to evaluate underground storage tank (UST) cathodic protection systems in the Commonwealth of Virginia. > Access to the soil directly over the cathodically protected structure that is being evaluated must be provided. > A site drawing depicting the UST cathodic protection system and all reference electrode placements must be completed.					
I. UST OWNER			II. UST FACILITY		
NAME:		NAME: <u>Franklin Energy Mart</u>		NO.:	
ADDRESS:		ADDRESS: <u>1397 Concession Hwy</u>			
CITY:	PHONE:	CITY: <u>Franklin</u>	COUNTY: <u>Stafford</u>		
STATE:	ZIP:	STATE: <u>VA</u>	ZIP: <u>25951</u>	PHONE: <u>757-562-2600</u>	
III. REASON SURVEY WAS CONDUCTED (mark only one)					
<input type="checkbox"/> Routine - 3 year		<input type="checkbox"/> Routine - within 6 months of installation		<input type="checkbox"/> 90-day re-survey after fail	
				<input type="checkbox"/> Re-survey after repair/modification	
Date next cathodic protection survey must be conducted: _____ (required within 6 months of installation/repair & every 3 years thereafter)					
IV. CATHODIC PROTECTION TESTER'S EVALUATION (mark only one)					
<input type="checkbox"/> PASS		All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section V).			
<input checked="" type="checkbox"/> FAIL		One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system(s) (complete Section VII).			
TESTER'S NAME: <u>Ron Bailey</u>		SOURCE OF CERTIFICATION:			
COMPANY NAME: <u>Cramco LLC</u>		TYPE OF CERTIFICATION:			
ADDRESS: <u>1815 Concession Rd</u>		CERTIFICATION NUMBER:			
CITY: <u>Franklin, Virginia</u>	STATE: <u>VA</u>	ZIP: <u>25952</u>	PHONE: <u>800-646-3441</u>		
CP TESTER'S SIGNATURE: <u>[Signature]</u>		DATE SIGNED: <u>11/2/09</u>		DATE CP SURVEY PERFORMED: <u>11/2/09</u>	
V. CORROSION EXPERT'S EVALUATION (mark only one)					
The survey must be conducted and/or evaluated by a <u>certified</u> person when: a) supplemental anodes or other changes in the construction of the cathodic protection system are made; b) stray currents may be affecting buried metallic structures; or c) an inconclusive result was written in Section VI. (except for under STI-R972 - "Recommended Practice for the Addition of Supplemental Anodes to all P-1 UST's")					
<input type="checkbox"/> PASS		All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section V).			
<input type="checkbox"/> FAIL		One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system (indicate what action is necessary by completion of Section VII).			
CORROSION EXPERT'S NAME:		SOURCE OF CERTIFICATION:			
COMPANY NAME:		TYPE OF CERTIFICATION:			
ADDRESS:		CERTIFICATION NUMBER:			
CITY:	STATE:	ZIP:	PHONE:		
CORROSION EXPERT'S SIGNATURE:		DATE:			
VI. CRITERIA APPLICABLE TO EVALUATION (mark all that apply)					
<input checked="" type="checkbox"/> <u>-850mV ON / (instant) OFF</u> (Indicate "ON" or "OFF" to specify)		Structure-to-soil potential more negative than <u>-850 mV</u> with respect to a Cu/Cu <sub>2</sub> SO <sub>4</sub> reference electrode with protective current ON (galvanic) or temporarily interrupted (instant-OFF impressed). Inconclusive? <input type="checkbox"/>			
<input type="checkbox"/> <u>100 mV POLARIZATION</u>		Structure(s) exhibit at least <u>100 mV</u> of cathodic polarization. Inconclusive? <input type="checkbox"/>			
VII. ACTION REQUIRED AS A RESULT OF THIS EVALUATION (mark only one)					
<input type="checkbox"/> NONE		Cathodic protection is adequate. No further action is necessary at this time. Test again by no later than (see Section V).			
<input type="checkbox"/> RETEST		Cathodic protection may not be adequate. Retest during the next 90 days to determine if passing results can be achieved.			
<input checked="" type="checkbox"/> REPAIR & RETEST		Cathodic protection is not adequate. Repair/modification is necessary as soon as practical but within the next 90 days.			
PRODUCED BY THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY, UST PROGRAM PO BOX 10009 RICHMOND, VA 23210-0009 PHONE (804) 698-8818 FACSIMILE (804) 698-4195 www.deq.virginia.gov					

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XIV. CATHODIC PROTECTION SYSTEM SURVEY							
<p>This section may be utilized to conduct a survey of the cathodic protection system by obtaining structure-to-soil potential measurements.</p> <p>&gt; <b>For Impressed Current (IC) systems:</b> the reference electrode must be placed (minimum of three locations) in the soil directly above the structure that is being tested and as far away from any active anode as practical to obtain a valid structure-to-soil potential (refer to the VADEQ cathodic protection evaluation guidance document for detailed discussion of electrode placement).</p> <p>&gt; Both "on" and "instant off" potentials must be measured for each structure that is intended to be under cathodic protection.</p> <p>&gt; The "instant off" potential must be <math>-850</math> mV DC or more negative or the <math>100</math> mV DC polarization criterion must be satisfied in order to pass.</p> <p>&gt; <b>For Galvanic (G) systems:</b> the reference electrode must be placed (minimum of three locations) with at least one local and at least one placed remotely 25-100 feet away from the structure.</p> <p>&gt; Both the local and remote voltage must be <math>-850</math> mV DC or more negative, in order for the structure to pass.</p> <p>&gt; Inconclusive is indicated when both the local and remote structure-to-soil potentials do not result in the same outcome (both must "pass" or both must "fail").</p> <p>&gt; As a place to record the "galvanic CP system voltage", use the "On-Voltage" for column below, and, in cases with supplemental anodes use the "Instant Off" column six.</p>							
FACILITY NAME:				NOTE: This survey is not complete unless all applicable parts of sections I - XIV are also completed.			
Structure Code	STRUCTURE	CONTACT POINT	REFERENCE CELL PLACEMENT	ON VOLTAGE	INSTANT OFF POL. VOLTAGE	100 mV polarization CHANGE	PASS/ FAIL
R11-C	PLUS STEEL LUST	TANK BOTTOM	SOIL @ PLUS TANK STP MANWAY	-1070mV	-875 mV		PASS
R24-C	DIESEL PIPE	DISPENSER 7/8	SOIL @ DIESEL TANK STP MANWAY	-810 mV	-685 mV	-675 mV	PASS
R28-C	DIESEL PIPE	DISPENSER 7/8	SOIL @ DIESEL TANK STP MANWAY	-810 mV	-700 mV	-655 mV	FAIL
R34-G	PREMIUM #1-PS	TANK BOTTOM	SOIL @ PREM TANK STP MANWAY	-880 mV	NA	NA	PASS
R38-G	PREMIUM #3-PS	TANK BOTTOM	SOIL @ PREM TANK STP MANWAY	-880 mV	NA	NA	FAIL
R39-G	PREMIUM #4-PS	TANK BOTTOM	SOIL @ PREM TANK STP MANWAY	-1370mV	-850mV	NA	PASS
	REG TANK	Tank Bot.	EXTRACTOR (coil)	-1050mV			PASS
	Reg Tank	Tank Bot.	STP SUMP (coil)	-1050mV			FAIL
	Reg Tank	Tank Bot.	END OF TANK (coil)	-1070mV			FAIL
	DIESEL TANK	Tank Bot.	EXTRACTOR (coil)	-1060mV			FAIL
	DIESEL TANK	Tank Bot.	STP SUMP (coil)	-1090mV			FAIL
	DIESEL TANK	Tank Bot.	END OF TANK (coil)	-1050mV			FAIL
	DIESEL PIPE	DISP #1	DISP #1 (coil)	-1020mV			FAIL
	Reg Pipe	PIPE	DISP #7 (coil)	-1060mV			FAIL
	Reg Pipe	PIPE	DISP #2 (coil)	-1170mV			FAIL
	Reg Pipe	PIPE	DISP #4 (coil)	-1160mV			FAIL
	Reg Pipe	PIPE	DISP #5 (coil)	-1180mV			FAIL
	DIESEL PIPE	PIPE	DISP #8 (coil)	-1170mV			FAIL

COMMENTS:

Use copies of this page as needed for additional reference cell readings.

- Designate numerically or by code of the site drawing each local reference electrode placement (e.g. R11-C, R3-G, R31-C, etc.)
- Describe the structure that is being tested (e.g. 30" dia tank; 6000 gal sump; PVC connector, etc.)
- Describe when the structure being tested is connected to the test lead (e.g. plus to be tested; direct piping @ separator; etc.)
- Describe the on location where the reference electrode is placed (e.g. soil @ regulator; STP manway; soil @ dispenser; etc.)
- Apply to all tests: Record the structure-to-soil potential (voltage) observed with the current applied (e.g. -1070 mV).
- Apply to all tests: Record the structure-to-soil potential (voltage) observed when the current is interrupted (e.g. -880 mV).
- Apply to 100 mV polarization test only: Record the voltage observed at the end of the test period (e.g. 875 mV).
- Apply to 100 mV polarization test only: Record the final voltage from the instant off voltage (e.g. -880 mV - 875 mV = 105 mV).
- Indicate if the tested structure passed or failed one of the two applicable criteria: 100 instant off or 100 mV polarization based on your interpretation of data.

PRODUCED BY THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY - UST PROGRAM  
 PO BOX 10000, RICHMOND, VA 23290-0000 PHONE (804) 693-4910 FACSIMILE (804) 698-4258 www.doe.virginia.gov

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XIV. CATHODIC PROTECTION SYSTEM SURVEY								
This section may be utilized to conduct a survey of the cathodic protection system by obtaining structure-to-soil potential measurements.								
<p>For impressed current (IC) systems: The reference electrode must be placed (minimum of three locations) in the soil directly above the structure that is being tested and as far away from any active anodes as practical to obtain a valid structure-to-soil potential (refer to the VADEQ cathodic protection evaluation guidance document for detailed discussion of electrode placement).</p> <p>Both "on" and "instant off" potentials must be measured for each structure that is intended to be under cathodic protection.</p> <p>The "instant off" potential must be <math>-850</math> mV DC or more negative of the <math>100</math> mV DC polarization criterion must be satisfied in order to pass.</p>				<p>For Galvanic (GI) systems: The reference electrode must be placed (minimum of three locations) with at least one local and at least one placed remotely 25-100 feet away from the structure.</p> <p>Both the local and remote voltage must be <math>-850</math> mV DC or more negative, in order for the structure to pass.</p> <p>Inconclusive is indicated when both the local and remote structure-to-soil potentials do not result in the same outcome (both must "pass" or both must "fail").</p> <p>As a place to record the "passive CP system voltage", use the "On Voltage" fifth column below, and, in cases with supplemental probes, use the "Instant Off" column as well.</p>				
FACILITY NAME:				NOTE: This survey is not complete unless all applicable parts of sections I - XIV are also completed.				
LOCATION CODE	STRUCTURE #	CONTACT POINT	REFERENCE CELL PLACEMENT	ON VOLTAGE	INSTANT OFF VOLTAGE	100 mV POLARIZATION VOLTAGE	VOLTAGE CHANGE	PASS/FAIL
RY-1C	PLUS STEEL LST	TANK BOTTOM	SOIL @ PLUS TANK STP MANWAY	-1070 mV	-873 mV			PASS
R2A-1C	DIESEL PIPE	DISPENSER 7/8	SOIL @ DIESEL TANK STP MANWAY	-810 mV	-600 mV	375 mV	130 mV	PASS
R2B-1C	DIESEL PIPE	DISPENSER 7/8	SOIL @ DIESEL TANK STP MANWAY	-810 mV	-725 mV	-600 mV	92 mV	FAIL
R1A-1G	PREMIUM 48" PIP	TANK BOTTOM	SOIL @ PREM TANK STP MANWAY	-960 mV	NA	NA	NA	PASS
R1B-1G	PREMIUM 48" PIP	TANK BOTTOM	SOIL @ PREM TANK STP MANWAY	-880 mV	NA	NA	NA	FAIL
R2C-1G	PREMIUM 48" PIP	TANK BOTTOM	SOIL @ PREM TANK STP MANWAY	-1070 mV	-850 mV	NA	NA	PASS
	RES STP FICH	FICH	RES STP (SOIL)	-572 mV				FAIL
	DIESEL STP FICH	FICH	DIESEL STP (SOIL)	-573 mV				FAIL
COMMENTS:								
Use copies of this page as needed for additional reference cell readings.								
<p>1. Designate numerically or by code on the site drawing each local reference electrode placement (e.g. R1-1C, R2-1G, R3-1C, etc.)</p> <p>2. Describe the structure that is being tested (e.g. plus tank; diesel piping; tank connectors, etc.)</p> <p>3. Describe where the structure being tested is contacted by the test lead (e.g. plus tank bottom; diesel piping @ dispenser 7/8; etc.)</p> <p>4. Describe the exact location where the reference electrode is placed for each measurement (e.g. soil @ regular tank STP manway; soil @ dispenser 2; etc.)</p> <p>5. (Applies to all tests) Record the structure-to-soil potential (voltage) observed with the current applied (e.g. <math>-1070</math> mV).</p> <p>6. (Applies to all tests) Record the structure-to-soil potential (voltage) observed when the current is interrupted (e.g. <math>-880</math> mV).</p> <p>7. (Applies to 100 mV polarization test only) Record the voltage observed at the end of the test period (e.g. <math>375</math> mV).</p> <p>8. (Applies to 100 mV polarization test only) Subtract the final voltage from the instant off voltage (e.g. <math>880</math> mV <math>- 873</math> mV = <math>130</math> mV).</p> <p>9. Indicate if the tested structure passed or failed one of the two acceptance criteria (850 mV instant off or 100 mV polarization) based on your interpretation of data.</p>								
<p>PRODUCED BY THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY, UST PROGRAM</p> <p>PO BOX 10009, RICHMOND, VA 23225-0009. PHONE (804) 693-4010. FACSIMILE (804) 698-4200. www.deq.virginia.gov</p>								





RE: EPA 9005 Information Request Letter

Seamus Kelly

to:

Andrew Ma

09/14/2011 05:26 PM

Cc:

"Batur Gokcan", "Jeffrey Anderson"

Hide Details

From: "Seamus Kelly" <skelly@solutionsenvironmental.com>

To: Andrew Ma/R3/USEPA/US@EPA

Cc: "Batur Gokcan" <batur.njpo@gmail.com>, "Jeffrey Anderson" <janderson@solutionsenvironmental.com>

History: This message has been forwarded.

#### 4 Attachments



5703 - Line & Tank Test.pdf Franklin Eagle Mart CP test 8-3-11.pdf Rte 58 Food Mart CP test 8-4-11.pdf



USP-NJPO CP test 8-4-11.pdf

Mr. Ma

Please find attached the Jones & Frank tank and line test results for the Pure Gas Station, 5703 Holland Road, Suffolk, VA and the Cathodic Protection results for the three (3) properties.

Please feel free to contact me if you have any questions.

Seamus

CX 30

EPA 599

**From:** Ma.Andrew@epamail.epa.gov [mailto:Ma.Andrew@epamail.epa.gov]  
**Sent:** Wednesday, September 14, 2011 4:58 PM  
**To:** Seamus Kelly  
**Cc:** Batur Gokcan; Jeffrey Anderson  
**Subject:** RE: EPA 9005 Information Request Letter

Good Afternoon Mr. Kelly,

I have reviewed NJPO's June 29, 2011 response to EPA's information request letter regarding the underground storage tanks (USTs) located at the following locations: Franklin Eagle Mart, 1397 Carrsville Highway, Franklin, VA 23851; Rt. 58 Food Mart, 8917 S. Quay Road, Suffolk, VA 23437; and Pure Gas Station, 5703 Holland Road, Suffolk, VA 23437. Below I had a few follow-up questions regarding the response

1) In the June 29, 2011 response regarding the USTs and UST systems at the Franklin Eagle Mart and Rt. 58 Food Mart you indicated the following:

*"Additional records are still being obtained from the facility and the NJPO records archive and will be forwarded to your attention upon receipt. Cathodic Protection testing has been scheduled for August 3-5, 2011 and results of that testing will also be forwarded to your attention."*

- a) Please provide the "additional records from the facility and NJPO records archive" for the USTs and UST systems at the Franklin Eagle Mart and Rt. 58 Food Mart, as indicated in your June, 2011 response;
- b) Please provide the records of the August 3-5, 2011 cathodic protection test results for the USTs and UST systems at the Franklin Eagle Mart and Rt. 58 Food Mart, as indicated in your June, 2011 response.

2) In the June 29, 2011 response regarding the USTs and UST systems at the Pure Gas Station you indicated the following:

*"Current leak testing results are being obtained from the testing contractor (Jones & Frank) and will be included in an addendum report along with additional records that are still being obtained from the facility and the NJPO records archive. Cathodic Protection testing has been scheduled for August 3-5, 2011 and results of that testing will also be forwarded to your attention."*

- a) Please provide the current leak testing results from the testing contractor (Jones & Frank) regarding the USTs and UST systems at the Pure Gas Station, as indicated in your June, 2011 response;
- b) Please provide the "additional records from the facility and NJPO records archive" for the USTs and UST systems at the Pure Gas Station, as indicated in your June, 2011 response;
- c) Please provide the records of the August 3-5, 2011 cathodic protection test results for the USTs and UST systems at the Pure Gas Station, as indicated in your June, 2011 response.

Please feel free to contact me if you have any questions.

Thanks,

Andrew

Andrew Ma  
US EPA Region III - Office of Land Enforcement  
Mail Code 3LC70  
1650 Arch Street  
Philadelphia, PA 19103-2029  
Phone: 215.814.3429  
Fax: 215-814-3163  
ma.andrew@epa.gov

EPA 600

VIRGINIA  
DEQ

**CATHODIC PROTECTION SYSTEM EVALUATION FORM**

7531-CP (11/05)

- This form should be utilized to evaluate underground storage tank (UST) cathodic protection systems in the Commonwealth of Virginia.
- Access to the soil directly over the cathodically protected structure that is being evaluated must be provided.
- A site drawing depicting the UST cathodic protection system and all reference electrode placements must be completed.

**I. UST OWNER**

**II. UST FACILITY**

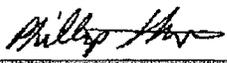
NAME: FRANKLIN EAGLE MART		NAME: FRANKLIN EAGLE MART		ID #
ADDRESS: 1397 CARRSVILLE HWY		ADDRESS: 1397 CARRSVILLE HWY		
CITY: FRANKLIN	PHONE: 551-556-4133	CITY: FRANKLIN	CONTACT: (DAWN @ NTCA)	
STATE: VA	ZIP: 23851	STATE: VA	ZIP: 23851	PHONE: 440-237-9200 EX 24

**III. REASON SURVEY WAS CONDUCTED (mark only one)**

<input type="checkbox"/> Routine - 3 year	<input type="checkbox"/> Routine - within 6 months of installation	<input type="checkbox"/> 90-day re-survey after fail	<input checked="" type="checkbox"/> Re-survey after repair/modification
Date next cathodic protection survey must be conducted <u>2/3/12</u> (required within 6 months of installation/repair & every 3 years thereafter).			

**IV. CATHODIC PROTECTION TESTER'S EVALUATION (mark only one)**

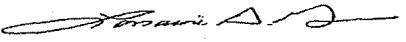
<input checked="" type="checkbox"/> PASS	All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VI).
<input type="checkbox"/> FAIL	One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system(s) (complete Section VII).

TESTER'S NAME: PHILLIP STONE	SOURCE OF CERTIFICATION: NACE
COMPANY NAME: SUPERIOR SERVICES	TYPE OF CERTIFICATION: CATHODIC PROTECTION TECHNICIAN
ADDRESS: PO BOX 982	CERTIFICATION NUMBER: # 6021
CITY: HENDERSONVILLE STATE: NC ZIP: 28793	PHONE: 828-698-6286
CP TESTER'S SIGNATURE: 	DATE SIGNED: 8/9/11 DATE CP SURVEY PERFORMED: 8/3/11

**V. CORROSION EXPERT'S EVALUATION (mark only one)**

The survey must be conducted and/or evaluated by a corrosion expert when: a) supplemental anodes or other changes in the construction of the cathodic protection system are made; b) stray current may be affecting buried metallic structures or c) an inconclusive result was written in Section VI. (except for under STI-R972 - "Recommended Practice for the Addition of Supplemental Anodes to sti-P<sub>3</sub> UST's")

<input checked="" type="checkbox"/> PASS	All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VI).
<input type="checkbox"/> FAIL	One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system (indicate what action is necessary by completion of Section VII).

CORROSION EXPERT'S NAME: LORRAINE GREEN	SOURCE OF CERTIFICATION: NACE
COMPANY NAME: GREEN ENVIRONMENTAL & CORROSION	TYPE OF CERTIFICATION: CP SPECIALIST
ADDRESS: PO BOX 2147	CERTIFICATION NUMBER: # 4801
CITY: LAWRENCEVILLE STATE: GA ZIP:	PHONE:
CORROSION EXPERT'S SIGNATURE: 	DATE: 8/9/11

**VI. CRITERIA APPLICABLE TO EVALUATION (mark all that apply)**

<input checked="" type="checkbox"/> - 850mV ON / (Instant) OFF	Structure-to-soil potential more negative than -850 mV with respect to a Cu/CuSO <sub>4</sub> reference electrode with protective current ON (galvanic) or temporarily interrupted (instant-OFF (impressed)). Inconclusive?
<input type="checkbox"/> 100 mV POLARIZATION	Structure(s) exhibit at least 100 mV of cathodic polarization. Inconclusive?

**VII. ACTION REQUIRED AS A RESULT OF THIS EVALUATION (mark only one)**

<input checked="" type="checkbox"/> NONE	Cathodic protection is adequate. No further action is necessary at this time. Test again by no later than (see Section V).
<input type="checkbox"/> RETEST	Cathodic protection may not be adequate. Retest during the next 90 days to determine if passing results can be achieved.
<input type="checkbox"/> REPAIR & RETEST	Cathodic protection is not adequate. Repair/modification is necessary as soon as practical but within the next 90 days.

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PO BOX 10009, RICHMOND, VA 23230-0009 PHONE (804) 698-4010 FACSIMILE (804) 698-4266 www.deq.virginia.gov

**VIII. DESCRIPTION OF UST SYSTEM**

TANK #	PRODUCT	CAPACITY	TANK MATERIAL	PIPING MATERIAL	FLEX CONNECTORS
1	REGULAR	8,000	STI-P3	FRP	YES/ANODES
2	DIESEL	8,000	STI-P3	FRP	YES/ANODES
3					
4					
5					
6					
7					
8					
9					
10					

**IX. IMPRESSED CURRENT RECTIFIER DATA (complete all applicable)**

In order to conduct an effective evaluation of the cathodic protection system, a complete evaluation of rectifier operation is necessary.

RECTIFIER MANUFACTURER:	RATED DC OUTPUT: _____ VOLTS _____ AMPS
RECTIFIER MODEL:	RECTIFIER SERIAL NUMBER:
RECTIFIER OUTPUT AS INITIALLY DESIGNED OR LASTLY RECOMMENDED (if available): _____ VOLTS _____ AMPS	

EVENT	DATE	TAP SETTINGS		DC OUTPUT		HOUR METER	COMMENTS
		COARSE	FINE	VOLTS	AMPS		
"AS FOUND"							
"AS LEFT"							

**X. IMPRESSED CURRENT POSITIVE & NEGATIVE CIRCUIT MEASUREMENTS (output amperage)**

Complete if the system is designed to allow such measurements (i.e. individual lead wires for each anode are installed and measurement shunts are present).

CIRCUIT	1	2	3	4	5	6	7	8	9	10	TOTAL AMPS
ANODE (+)											
TANK (-)											

**XI. DESCRIPTION OF CATHODIC PROTECTION SYSTEM REPAIRS AND/OR MODIFICATION**

Complete if any repairs or modifications to the cathodic protection system are made OR are necessary. Certain repairs/modifications as explained in the text of the VADEQ cathodic protection guidance document are required to be designed and/or evaluated by a corrosion expert (completion of Section V required).

	Additional anodes for an impressed current system (attach corrosion expert's design) .
X	Supplemental anodes for a STI-P3® tank or metallic pipe (attach corrosion expert's design or documentation industry standard was followed).
	Repairs or replacement of rectifier (explain in "Remarks/Other" below).
	Anode header cables repaired and/or replaced(explain in "Remarks/Other" below).
	Impressed current protected tanks/piping not electrically continuous (explain in "Remarks/Other" below).
	Galvanically protected tanks/piping NOT electrically isolated (explain in "Remarks/Other" below).

**Remarks/Other:** TANKS ARE STI-P3. THEY WILL MEET CRITERIA. THERE WERE FLEXES AT THE SUBMERSED PUMPS AND SUCTION PUMPS, THAT WERE IN THE SOIL WITH NO CATHODIC PROTECTION. ANODES WERE ADDED TO THESE FLEXES. CORROSION EXPERT'S DESIGN IS ON THE DRAWING PAGE BELOW. A TEST WILL BE REQUIRED WITHIN SIX MONTHS OF THIS REPAIR, THEN THE SITE GOES BACK ON A 3YR SCHEDULE.

## XII. UST FACILITY SITE DRAWING

Attach detailed drawing of the UST and cathodic protection systems. Sufficient detail must be given in order to clearly indicate where the reference electrode was placed for each structure-to-soil potential that is recorded on the survey forms. Any pertinent data must also be included. At a minimum indicate the following: all tanks, piping and dispensers; all buildings and streets; all anodes and wires; location of CP test stations; and, each reference electrode placement must be indicated by a code (1, 2, 3; R-1, R-2, R-3...etc.) corresponding with the appropriate line number in Section XIV of this form. (Note, CP test stations (PP4) may be questionable for use as described in Section 6.1.2)

**AN EVALUATION OF THE CATHODIC PROTECTION SYSTEM IS NOT COMPLETE WITHOUT AN ACCEPTABLE SITE DRAWING.**

- PRODUCT FILL
- TANK MONITOR RISER
- SUBMERSED PUMP

EXISTING: 2- 8,000 GALLON STI-P3 TANKS. BOTH WILL MEET CRITERIA.

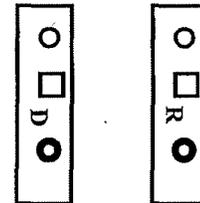
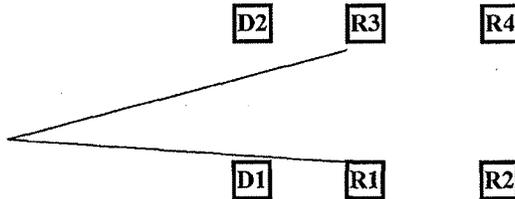
THERE ARE STEEL FLEXES AT THE STPs AND SUCTION PUMPS WITH NO CP.

NOTES: ADD 1 LB MAGNESIUM ANODES TO EACH FLEX MAKE CONNECTIONS WITH A BRASS MECHANICAL COMPRESSION CLAMP. TEST UPON COMPLETION.

LORRAINE GREEN  
NACE CP SPECIALIST # 4801



THERE ARE SPARE FLEXES UNDER R1 & R3 SUCTION PUMPS. THEY ARE CAPPED. ANODES WERE ADDED FOR THEIR PROTECTION AS THEY WOULD STILL HAVE PRESSURE ON THESE FLEXES.



FRANKLIN EAGLE MART

**XIII. CATHODIC PROTECTION SYSTEM CONTINUITY SURVEY**

- This section may be utilized to conduct measurements of continuity on UST systems that are protected by cathodic protection systems.
- When conducting a fixed cell - moving ground survey, the reference electrode must be placed in the soil at a remote location and left undisturbed.
- Conduct point-to-point test between any two structures for which the fixed cell - moving ground survey is inconclusive or indicates possible isolation.
- For impressed current systems, the protected structure must be continuous with all other protected structures in order to pass the continuity survey.
- For galvanic systems, the structure that is to be protected must be isolated from any other metallic structure in order to pass the continuity survey.

FACILITY NAME: FRANKLIN EAGLE MART

NOTE: The survey is not complete unless all applicable parts of sections I-XIV are also completed.

DESCRIBE LOCATION OF "FIXED REMOTE" REFERENCE ELECTRODE PLACEMENT: 40' FROM TANK FIELD IN SOIL.

STRUCTURE "A" <sup>1</sup>	STRUCTURE "B" <sup>2</sup>	STRUCTURE "A" <sup>3</sup> FIXED VOLTAGE (mV)	STRUCTURE "B" <sup>4</sup> FIXED VOLTAGE (mV)	POINT-TO-POINT <sup>5</sup> VOLTAGE DIFFERENCE	ISOLATED/ <sup>6</sup> CONTINUOUS
(example) PLUS TANK BOTTOM	(example) PLUS STEEL PRODUCT LINE @ STP	(example) -915 mV	(example) -908 mV	(example) 1 mV	(example) INCON
(example) PLUS TANK BOTTOM	(example) PLUS STEEL PRODUCT LINE @ STP				(example) CONT
REG TANK BTM	REG FILL	-953	-620		ISOLATED
REG TANK BTM	REG STP & FLEX	-953	-485		ISOLATED
REG TANK BTM	REG TANK MONITOR	-953	-444		ISOLATED
REG TANK BTM	R1 FLEX & SUCTION PUMP	-953	-541		ISOLATED
REG TANK BTM	R1 SPARE FLEX & SUCTION PUMP	-953	-541		ISOLATED
REG TANK BTM	R2 FLEX & SUCTION PUMP	-953	-541		ISOLATED
REG TANK BTM	R3 FLEX & SUCTION PUMP	-953	-541		ISOLATED
REG TANK BTM	R3 SPARE FLEX & SUCTION PUMP	-953	-541		ISOLATED
REG TANK BTM	R4 FLEX & SUCTION PUMP	-953	-541		ISOLATED
DIESEL TANK BTM	DIESEL FILL	-870	-536		ISOLATED
DIESEL TANK BTM	DIESEL STP & FLEX	-870	-506		ISOLATED
DIESEL TANK BTM	DIESEL TANK MONITOR	-870	-477		ISOLATED
DIESEL TANK BTM	D1 FLEX & SUCTION PUMP	-870	-541		ISOLATED
DIESEL TANK BTM	D2 FLEX & SUCTION PUMP	-870	-541		ISOLATED

1. Describe the protected structure {"A"} that you are attempting to demonstrate is continuous (e.g. plus tank bottom).
2. Describe the "other" protected structure {"B"} that you are attempting to demonstrate is continuous (e.g. plus steel product line @ STP).
3. Record the fixed remote instant off structure-to-soil potential of the protected structure {"A"} in millivolts (e.g. -915 mV).
4. Record the fixed remote instant off structure-to-soil potential of the "other" protected structure {"B"} in millivolts (e.g. -908 mV).
5. Record the voltage difference observed between structure "A" and structure "B" when conducting "point-to-point" testing (e.g. 1mV).
6. Document whether the test (fixed cell and/or point-to-point) indicated the protected structure was isolated, continuous or inconclusive.

## XIV. CATHODIC PROTECTION SYSTEM SURVEY

This section may be utilized to conduct a survey of the cathodic protection system by obtaining structure-to-soil potential measurements.

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>➤ <b>For Impressed Current systems:</b> the reference electrode must be placed (minimum of three locations) in the soil directly above the structure that is being tested and as far away from any active anode as practical to obtain a valid structure-to-soil potential (refer to the VADEQ cathodic protection evaluation guidance document for detailed discussion of electrode placement).</li> <li>➤ Both "on" and "instant off" potentials must be measured for each structure that is intended to be under cathodic protection.</li> <li>➤ The "instant off" potential must be -850 mV or more negative or the 100 mV polarization criterion must be satisfied in order to pass.</li> </ul> | <ul style="list-style-type: none"> <li>➤ <b>For Galvanic systems:</b> the reference electrode must be placed (minimum of three locations) with at least one local and at least one placed remotely 25-100 feet away from the structure.</li> <li>➤ Both the local and remote voltage must be -850 mV or more negative, in order for the structure to pass.</li> <li>➤ Inconclusive is indicated when both the local and remote structure-to-soil potentials do not result in the same outcome (both must "pass" or both "fail").</li> <li>➤ As a place to record the "galvanic CP system voltage", use the "Instant Off Voltage" sixth column below.</li> </ul> |
|---|---|

FACILITY NAME: FRANKLIN EAGLE MART

NOTE: This survey is not complete unless all applicable parts of sections I - XIV are also completed.

LOCATION <sup>1</sup> ODE	STRUCTURE <sup>2</sup>	CONTACT POINT <sup>3</sup>	REFERENCE CELL PLACEMENT <sup>4</sup>	ON <sup>5</sup> VOLTAGE	INSTANT <sup>6</sup> OFF VOLTAGE	100 mv polarization		PAS <sup>8</sup> / FAIL
						ENDING <sup>7</sup> VOLTAGE	VOLTAGE <sup>8</sup> CHANGE <sup>9</sup>	
(example) R1	(example) PLUS TANK	(example) TANK BOTTOM	(example) SOIL @ REG. TANK STP MANWAY	(example) -1070mV	(example) -875 mV			PASS
	REG TANK	TANK BTM	SOIL AT FILL END	-984				PASS
	REG TANK	TANK BTM	SOIL AT TANK CENTER	-1056				PASS
	REG TANK	TANK BTM	SOIL AT OPPOSITE END	-1038				PASS
	REG TANK	TANK BTM	SOIL REMOTE	-953				PASS
	DIESEL TANK	TANK BTM	SOIL AT FILL END	-898				PASS
	DIESEL TANK	TANK BTM	SOIL AT TANK CENTER	-940				PASS
	DIESEL TANK	TANK BTM	SOIL AT OPPOSITE END	-887				PASS
	DIESEL TANK	TANK BTM	SOIL REMOTE	-870				PASS
	D1 SUC FLEX	FLEX	SOIL AT SUCTION PUMP	-1128				PASS
	R1 SUC FLEX	FLEX	SOIL AT SUCTION PUMP	-1206				PASS
	R1 SPARE FLEX	FLEX	SOIL AT SUCTION PUMP	-1142				PASS
	R2 SUC FLEX	FLEX	SOIL AT SUCTION PUMP	-1307				PASS
	D2 SUC FLEX	FLEX	SOIL AT SUCTION PUMP	-1102				PASS
	R3 SUC FLEX	FLEX	SOIL AT SUCTION PUMP	-1051				PASS
	R3 SPARE FLEX	FLEX	SOIL AT SUCTION PUMP	-1070				PASS
	R4 SUC FLEX	FLEX	SOIL AT SUCTION PUMP	-891				PASS
	REG STP FLEX	FLEX	SOIL AT STP	-1143				PASS
	DIESEL STP FLEX	FLEX	SOIL AT STP	-1073				PASS

COMMENTS: TANKS AND ALL FLEXES WILL MEET CRITERIA.

1. Designate numerically or by code on the site drawing each local reference electrode placement (e.g. 1,2,3... T-1, T-2, P-1, P-2...etc.).
2. Describe the structure that is being tested (e.g. plus tank; diesel piping; flex connector, etc.).
3. Describe where the structure being tested is contacted by the test lead (e.g. plus tank bottom; diesel piping @ dispenser 7/8; etc.).
4. Describe the exact location where the reference electrode is placed for each measurement (e.g. soil @ regular tank STP manway; soil @ dispenser 2, etc.).
5. (Applies to all tests) Record the structure-to-soil potential (voltage) observed with the current applied (e.g. -1070 mV).
6. (Applies to all tests) Record the structure to soil potential (voltage) observed when the current is interrupted (e.g. 680 mV).
7. (Applies to 100 mV polarization test only) Record the voltage observed at the end of the test period (e.g. 575 mV).
8. (Applies to 100 mV polarization test only) Subtract the final voltage from the instant off voltage (e.g. 680 mV - 575 mV = 105 mV).
9. Indicate if the tested structure passed or failed one of the two acceptable criteria (850 Instant off or 100 mV polarization) based on your interpretation of data.

PRODUCED BY THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY, UST PROGRAM  
 PO BOX 10009, RICHMOND, VA 23230-0009 PHONE (804) 698-4010 FACSIMILE (804) 698-4266 www.deq.virginia.gov



# Request for Compliance Action (RCA)

## Underground Storage Tank (UST) Facility Compliance Inspection

DEQ-Tidewater Regional Office, 5636 Southern Boulevard, Virginia Beach, VA 23462  
(757) 518-2000 • Fax: (757) 518-2009 • www.deq.virginia.gov/tanks

UST Facility Name/Location:	<u>Franklin Eagle Mart 1397 Carrsville Hwy 23851</u>		
UST System Owner:	<u>Franklin Eagle Mart</u>	Facility ID#:	<u>5022340</u>
UST System Operator:	<u>Osman Mehler/Kimberly Benin</u>	Inspection Date:	<u>2/28/2013</u>

DEQ staff inspected and reviewed this UST facility's compliance with 9VAC25-580-10 et seq. (UST Regulation) and 9VAC25-590-10 et seq. (Financial Responsibility Regulation). The following item(s) may need immediate compliance action. Please **notify DEQ in writing by the response deadline** of all actions planned and taken and their completion date and provide supporting documents. This RCA is issued to assist this facility in maintaining compliance with regulatory requirements. Additional items needing attention may be discovered upon further review. This RCA is not a case decision under the Administrative Process Act, Va. Code § 2.2-4000 et seq.

**NOTE: The UST(s) at this facility may be subject to Delivery Prohibition pursuant to 9VAC25-580-370 due to one or more of the items identified below. Separate notice and an Informal Fact Finding Proceeding will be provided if any USTs are subject to Delivery Prohibition. IN THIS EVENT, SEPARATE RESPONSE DEADLINES WILL APPLY FOR THOSE ITEMS.**

### Observations and Apparent Non-Compliance Issues:

**Registration:**       Not Registered       Amendment Required       Closure Documentation Required

**Spill Prevention:**       None       Inadequate

**Overfill Prevention:**       None       Inadequate

**Corrosion Protection:**       Tanks       Piping       Operation & Maintenance       Record-keeping

No cathodic protection test records from past 3 year period. Because piping in sumps is covered with dirt, any cathodic protection system must protect both tanks and piping.

**Release Detection:**       Tanks       Piping       Operation & Maintenance       Record-keeping

Premium tank - no tank leak records since 2009  
- line leak detector detached in sump  
Piping - no line leak detection records from past 12 months

**Financial Responsibility:** Contact DEQ Office of Financial Assurance at (804) 698-4205 for assistance.

**Operator Training:**       Not completed       Other  
Ensure at least one person on-shift is trained as C Operator

**Comments:** (e.g., secondary containment, unregistered AST, etc.)  
Have compliance plan submitted within 30 days.  
Have compliance records submitted within 90 days

*If you have any questions or concerns about this request, please contact the inspector listed below.*

**Response Deadline:** 1 April 2013 / 1 June 2013      Received by: [Signature]  
Inspector: David J. Kinsey      Phone: 757-518-2147  
E-mail: david.kinsey@deq.virginia.gov



Underground Storage Tank Facility Inspection Checklist

Inspection Type:  Informal  Formal

Facility ID # 5-022340 Inspector: David J. Kinsey, Sr. 757-518-2147 Inspection Date: 2/28/2013

I. GENERAL FACILITY INFORMATION

Number of regulated USTs at facility: Total # 2
# in use 2 # closed in the ground # temporarily closed # improperly deactivated
Facility Name: Franklin Eagle Mart
Facility Address: 1397 Carrsville Hwy
City: Franklin Zip: 23851
Owner (RP) Information: Axlin, Inc. 3012 Vonnelle Ave. N. Bergen NJ 07047

Potable Water Source: Public Water; Deep Well; Shallow Well
PC#
Fuel Supplier
Suspected Release
Length of Piping feet

II. INSPECTION SUMMARY

Apparent Noncompliance issues: Facility in compliance with 1998 Upgrade: Yes [X] No [ ]
Facility in Compliance with Release Detection: Yes [ ] No [X]
Facility being reported to EPA as non-compliant: Yes [X] No [ ]
Owner's expressed intent: upgrade replace close not available other
Inspector Comments/Schedule for completing work: NOT IN COMPLIANCE
NO ON-SITE COMPLIANCE ISSUES
- No cathodic protection test records from past 3 years.
- Piping in sumps covered with dirt
- Premium Tank has no leak detection test records since 2009
- No line leak detector check in past year
- Premium LLD in sump disconnected
- Operators not trained

**III. UST SYSTEM DESCRIPTION -- ACTIVE USTs**

**GENERAL INFORMATION:**

	Tank# <u>1</u>	Tank# <u>2</u>	Tank#	Tank#	Tank#	Tank#
Date Installed:	<u>1 Jan 88</u>	<u>1 Jan 88</u>	___	___	___	___
Date of Upgrade (if applicable):	___	___	___	___	___	___
Tank Capacity (gallons):	<u>8K</u>	<u>8K</u>	___	___	___	___
Substance Stored:	<u>GAS</u>	<u>GAS</u>	___	___	___	___
Fill ports marked? (circle one)	<u>Yes/No</u>	<u>Yes/No</u>	Yes/No	Yes/No	Yes/No	Yes/No

**SPILL PREVENTION** - 7530 is only evidence of existence

Comments: SATISFACTORY

Spill Containment Device	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not Required (xfers <25gals.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**OVERFILL PREVENTION** - 7530 is only evidence of existence

Comments: SATISFACTORY

Shutoff / Flapper Valve	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ball Float	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Owner confirms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Form 7530 indicates present	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Alarm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not Required (xfers <25gals.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**CORROSION PROTECTION (TANK and PIPE)** - 7530 is only evidence of existence

Comments: No test records; oumps full of dirt. SUN SATISFACTORY

	Tank	Pipe	Tank	Pipe	Tank	Pipe	Tank	Pipe
Cathodically Protected Metal (Impressed or Galvanic)	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fiberglass-- CP Not Required	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Composite (Steel/Fiberglass)-- CP Not Required	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Secondary Containment / Double Walled-- CP Not Required (if nonmetallic)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lined Interior-- CP Not Required	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flexible Piping	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other Approved Method	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Method name/type:	___	___	___	___	___	___	___	___

**RELEASE DETECTION (TANK)** - 7530 is only evidence of existence  Tank# 1 Tank# 2 Tank#      Tank#      Tank#      Tank#       
 Comments: UNSATISFACTORY No records for Premium tank since 2009.

Inventory Control & TTT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Manual Tank Gauging (< 2K gal only)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Automatic Tank Gauging (ATG)	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vapor Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Groundwater Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interstitial Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SIR	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other Approved Method	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not Applicable (e.g. emergency generator UST)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**RELEASE DETECTION (PIPING)** UNSATISFACTORY No LLD check or LTV  
 Comments: \_\_\_\_\_

**Pressurized and Gravity Fed Piping:**

Automatic Line Leak Detector(ALLD)

+ Annual LTT or Monthly Monitor	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD + ATG/LLD (electronic)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD + Vapor Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD + Groundwater Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD + Interstitial Monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD + Other Approved Methods (SIR)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Suction Piping, Regulated:**

Line Tightness Testing	<input type="radio"/>					
Vapor Monitoring	<input type="radio"/>					
Groundwater Monitoring	<input type="radio"/>					
Interstitial Monitoring	<input type="radio"/>					
Other Approved Method (SIR)	<input type="radio"/>					

**Suction Piping - Unregulated**

Release Detection not required if check valve at dispenser & piping slopes toward tank	<input type="radio"/>					
Form 7530 indicates present	<input type="radio"/>					

**Gravity Fed Piping - Unregulated**

	<input type="radio"/>					
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**IV. TANK RELEASE DETECTION -- DETAILED REVIEW**

INVENTORY CONTROL + TANK TIGHTNESS TESTING (TTT) <input checked="" type="radio"/> Not Applicable <input type="radio"/> Not Eligible		Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank # 6
Applicable Tanks:		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Eligibility expiration date:		___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Records: Complete <input type="radio"/> Incomplete <input type="radio"/>	No Records <input type="radio"/>	Month/year reviewed: ___/___; ___/___; ___/___; ___/___					
Daily stick readings to 1/8"		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Monthly reconciliation		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Monthly water monitoring		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date of last TTT		___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Tank passed TTT		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fill line/access port with drop tube		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unable to verify drop tube		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dipstick:							
Marked legibly to 1/8"	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>						
In serviceable condition	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>						
<b>Comments:</b> _____							

MANUAL TANK GAUGING <input checked="" type="radio"/> Not Applicable <input type="radio"/> Not Eligible		Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank #6
Applicable Tanks:		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Eligibility expiration date:		___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Method does not expire		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tank is 2,000 gallons or less		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Records: Complete <input type="radio"/> Incomplete <input type="radio"/>	No Records <input type="radio"/>	Month/year reviewed: ___/___; ___/___; ___/___; ___/___					
Stick readings to 1/8"		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Two liquid measurements taken		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Method is performed weekly		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Results variation within standard		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date last monitoring		___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Tank Tightness Test (TTT)							
Date of last TTT		___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
Tank passed TTT		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TTT NOT Required		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dipstick:							
Marked legibly to 1/8"	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>						
In serviceable condition	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>						
<b>Comments:</b> _____							

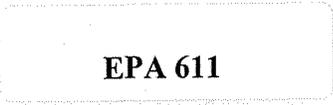
IV. TANK RELEASE DETECTION -- DETAILED REVIEW (continued)

**AUTOMATIC TANK GAUGING (ATG)**  Not Applicable

	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
Applicable Tanks:	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Records: Complete <input type="radio"/> Incomplete <input checked="" type="radio"/> No Records <input type="radio"/>						
Month/year reviewed:	2/13; 12/12; 10/12; 5/12					
Meets / exceeds .2gph	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date last monitoring event.	2/27/13	1/1	1/1	1/1	1/1	1/1
System appears functional Yes <input type="radio"/> No <input checked="" type="radio"/>	V/R					
ATG type/vendor						
Comments:	No test records for Premium tanks					

**VAPOR MONITORING**  Not Applicable

	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
Applicable Tanks:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Number of vapor monitoring wells at facility. Number: _____						
Records: Complete <input type="radio"/> Incomplete <input type="radio"/> No Records <input type="radio"/>	Month/year reviewed: / / ; / / ; / / ; / /					
Data recorded monthly	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date last monitoring event.	/ /	/ /	/ /	/ /	/ /	/ /
Wells adjacent to excavation Yes <input type="radio"/> No <input type="radio"/>						
Type of detection equipment used _____						
Monitoring device operative Yes <input type="radio"/> No <input type="radio"/>						
Assessment performed to determine that wells have been properly installed according to regulations Yes <input type="radio"/> No <input type="radio"/>						
Background levels recorded Yes <input type="radio"/> No <input type="radio"/>						
Comments:						



IV. TANK RELEASE DETECTION -- DETAILED REVIEW (continued)

GROUNDWATER MONITORING

Not Applicable

Tank# 1 Tank# 2 Tank# 3 Tank# 4 Tank# 5 Tank # 6

Applicable Tanks:

Number of release detection groundwater monitoring wells at facility. Number: \_\_\_\_\_

Records: Complete  Incomplete  No Records  Month/year reviewed: \_\_\_/\_\_\_/\_\_\_

Data recorded monthly

Date last monitoring event. \_\_\_/\_\_\_/\_\_\_

Wells intercept or are adjacent to excavation zone Yes  No

Specific gravity < 1; immiscible

Device detects 1/8" of free product Yes  No

If auto monitor, device operational Yes  No

Assessment performed to determine that wells have been properly installed according to regulations Yes  No

Comments: \_\_\_\_\_

INTERSTITIAL MONITORING

Not Applicable

Tank# 1 Tank# 2 Tank# 3 Tank# 4 Tank# 5 Tank# 6

Applicable Tanks:

Records: Complete  Incomplete  No Records  Month/year reviewed: \_\_\_/\_\_\_/\_\_\_

Type of detection equipment used: \_\_\_\_\_

Date last monitoring event. \_\_\_/\_\_\_/\_\_\_

Checked monthly; recorded

System appears functional Yes  No

Comments: \_\_\_\_\_

**IV. TANK RELEASE DETECTION -- DETAILED REVIEW (continued)**

		<input checked="" type="radio"/> Not Applicable					
		Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
SIR							
Applicable Tanks:		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vendor name:	_____						
Method conducted at 0.2 gph leak rate or less	Yes <input type="radio"/> No <input type="radio"/>						
Records: Complete <input type="radio"/> Incomplete <input type="radio"/> No Records <input type="radio"/>	Month/year reviewed: <u>  </u> / <u>  </u> / <u>  </u> ; <u>  </u> / <u>  </u> / <u>  </u> ; <u>  </u> / <u>  </u> / <u>  </u> ; <u>  </u> / <u>  </u> / <u>  </u>						
Date of last SIR report.	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>
Daily stick readings to 1/8"	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dipstick / probe:							
Marked legibly to 1/8"	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>						
In serviceable condition	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>						
Results of Airconclusive were investigated and corrected	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>						
System appears functional	Yes <input type="radio"/> No <input type="radio"/> N/A <input type="radio"/>						
Tank Tightness Test required	Yes <input type="radio"/> No <input type="radio"/>						
Date of Tank Test	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>	<u>  </u> / <u>  </u> / <u>  </u>
Comments:	_____						
	_____						
	_____						
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	_____						
	_____						
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	_____						

		<input checked="" type="radio"/> Not Applicable					
		Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank# 6
OTHER METHOD(S)							
Applicable Tanks:		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Specify type/vendor:	_____						
Records: Complete <input type="radio"/> Incomplete <input type="radio"/> No Records <input type="radio"/>	month/year reviewed: <u>  </u> / <u>  </u> / <u>  </u> ; <u>  </u> / <u>  </u> / <u>  </u> ; <u>  </u> / <u>  </u> / <u>  </u> ; <u>  </u> / <u>  </u> / <u>  </u>						
.2GPH (PD= 0.95; PFA 0.05)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Uses Board approved method	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Comments:	_____						
	_____						

**V. PIPING RELEASE DETECTION -- DETAILED REVIEW**

**Release Detection For Pressurized & Gravity Fed Piping:**

Not Applicable     Not Eligible

Tank# 1    Tank# 2    Tank# 3    Tank# 4    Tank# 5    Tank# 6

**Automatic Line Leak Detector (ALLD) Type:**

Automatic flow restrictor	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Automatic shut-off device	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Continuous alarm system	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electronic Line Leak Detectors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Manufacturer / Model:	_____					
Not field verified	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Form 7530 indicates present	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALLD Records: Yes <input type="radio"/> No <input checked="" type="radio"/> Incomplete <input type="radio"/>						
ALLD tested past year	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Date of last test event:	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___
ALLD Passed Test	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**AND Either Annual Line Tightness Test (ALTT) OR Monthly Monitoring:**

**Annual Line Tightness Testing**

ALTT Records: Yes  No  Incomplete

Lines tested in last 12 months	<input type="radio"/>					
Lines passed test	<input type="radio"/>					
Date last testing.	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___

**Monthly Monitoring (One method must be selected from the following list)**

**Automatic tank gauging (ATG)**

ATG Monthly monitor (0.2 gph)

ATG Records: Yes  No  Incomplete  month/year reviewed: \_\_\_/\_\_\_; \_\_\_/\_\_\_; \_\_\_/\_\_\_; \_\_\_/\_\_\_

Lines passed ATG Test	<input type="radio"/>					
Monitoring data on file	<input type="radio"/>					
Date last monitoring.	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___	___/___/___

Vapor monitoring	<input type="radio"/>					
Groundwater monitoring	<input type="radio"/>					
Interstitial monitoring	<input type="radio"/>					
Other approved method (e.g. SIR)	<input type="radio"/>					
Gravity Fed (Rel. Det. Not Req'd)	<input type="radio"/>					

**Release Detection For Regulated Suction Piping: (One method must be selected from the following list)**

Not Applicable

Line Tightness Testing (every 3 yrs.)

LTT Records: Yes  No  Incomplete

Lines passed test

Date last testing

Vapor monitoring

Groundwater monitoring

Interstitial monitoring

Other method approved (e.g. SIR)

Comments: \_\_\_\_\_

**Suction w/Check Valve (Rel. Det. Not Req'd)**

**VI. CORROSION PROTECTION SYSTEM -- DETAILED REVIEW**

Not Applicable

	Tank# 1	Tank# 2	Tank# 3	Tank# 4	Tank# 5	Tank#
<b>Type of Tank Corrosion Protection:</b>						
New / Existing Tank (Sti-P3)	<input type="radio"/>					
Upgraded Existing Tank: Date: <input type="text"/> <input type="text"/> <input type="text"/>	<input type="radio"/>					
Impressed Current	<input type="radio"/>					
Sacrificial Anode(s)	<input type="radio"/>					
Internal Lining	<input type="radio"/>					
Inspected (prior; 10yr.; 5yr.)	<input type="radio"/>					
Last Inspection Date Date: <input type="text"/> <input type="text"/> <input type="text"/>	<input type="radio"/>					
Records: Yes <input type="radio"/> No <input checked="" type="radio"/> Incomplete <input type="radio"/>						
System passed CP test	<input type="radio"/>					
Date of most recent test <input type="text"/> <input type="text"/> <input type="text"/>	<input type="radio"/>					
Inspection every 60 days (if impressed current)	<input type="radio"/>					
Records of post- failure test	<input type="radio"/>					
<b>For Existing tanks upgraded with cathodic protection:</b>						
Acceptable tank assessment prior: Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Tank <10 years old at time of upgrade:						
Monthly monitoring	<input type="radio"/>					
TTT prior + 6 mo. after upgrade	<input type="radio"/>					
Dates of TTTs: Date: <input type="text"/> <input type="text"/> <input type="text"/>	<input type="radio"/>					
Date: <input type="text"/> <input type="text"/> <input type="text"/>	<input type="radio"/>					
<b>Methods which are not dependent on tank age:</b>						
Internally Inspected (for lining)	<input type="radio"/>					
Internally Inspected (for CP)	<input type="radio"/>					
ASTM ES40-94 (11/94-3/22/98)	<input type="radio"/>					

ASTM Standard G158 (9/10/98 - present)	<input type="checkbox"/>					
TEP(Tank Enviro. Profile) (3/22/98 - present)	<input type="checkbox"/>					
Petroscope (Tanknology) (3/22/98 - present)	<input type="checkbox"/>					
MTCF (3/22/98 - present) (Mean Time to Corrosion Failure)	<input type="checkbox"/>					
UST Environmental (3/22/98 - present)	<input type="checkbox"/>					
Other Approved Method: (Specify in comments)	<input type="checkbox"/>					

**Type of Piping Cathodic Protection:**

New Metallic Piping w/anodes or Impressed Current	<input type="checkbox"/>					
Upgraded Piping: Upgrade Date:	<u>  /  /  </u>					
Impressed Current	<input type="checkbox"/>					
Sacrificial Anodes	<input type="checkbox"/>					

Records: Yes  No  Incomplete

System passed CP test	<input type="checkbox"/>					
Date of most recent test	<u>  /  /  </u>					
Inspection every 60 days (if impressed current)	<input type="checkbox"/>					
Records of post-failure test	<input type="checkbox"/>					

Comments: No cathodic protection test record  
from within past 3 yrs. piping  
in sumps covered with dirt.

**VII. UST SYSTEM DESCRIPTION -- INACTIVE (IMPROPERLY CLOSED) USTs:**

**GENERAL INFORMATION:**

**Not Applicable**

Tank designator:	Closed	Closed	Closed	Closed	Closed	Closed
Date Closed/Out of service	Tank#	Tank #	Tank#	Tank#	Tank#	Tank#
Tank Capacity (gallons)	_____	_____	_____	_____	_____	_____
Substance last stored in tank	_____	_____	_____	_____	_____	_____
Appears the tank was closed without notifying DEQ	_____	_____	_____	_____	_____	_____
# of USTs Closed Prior to 12/22/88 (Previously closed)	_____	_____	_____	_____	_____	_____
Closed UST Owner/Operator Name(s):	_____					
Street Address:	_____					
City:	_____	State:	_____	Zip:	_____	
Phone:	_____					

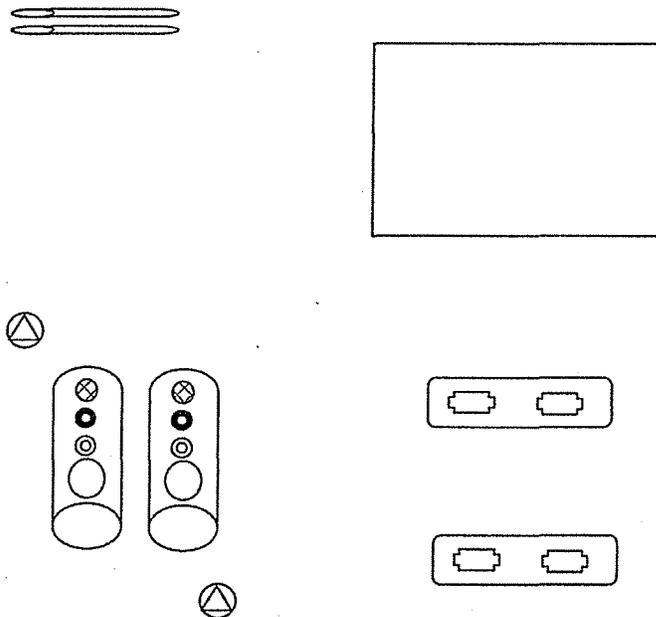
Comments: \_\_\_\_\_

**Facility Site Sketch: (Mark wells/problems on map.)**

**NORTH ↑**

**LEGEND**

- PUMP/ALLD = 
- FILL PORT = 
- VAP RECOV = 
- ATG PORT = 
- MON WELL = 
- DISPENSER = 
- VENT PIPE = 



*Corrusville Hwy*



**UTICA NATIONAL INSURANCE GROUP**  
**UNIBELL PREMIUM STATEMENT**

AYLIN, INC.  
 8012 TONNELLE AVENUE  
 NORTH BERGEN NJ 07047

<b>BILLING DATE</b>	<b>ACCOUNT #</b>	<b>PAGE</b>
04-27-12	100798713	2 OF 2
	<b>DUE DATE</b>	
	05-17-12	

THE FOLLOWING IS A HISTORY OF ALL TRANSACTIONS PROCESSED SINCE YOUR LAST BILLING FOR EACH POLICY.

Thank you for doing business with Utica National Insurance

POLICY	PRIOR BALANCE	PAYMENTS MADE	AMOUNT OF CHANGE	INSTALLMENT #	ACCOUNT BALANCE	INSTALLMENT DUE
4204400 PACKAGE						
Effective 04-17-12	1,841.00	1,851.00-	7,988.00	(4)	7,988.00	1,987.00
PLEASE REFER TO THE FOLLOWING MESSAGE ON THE BACK: (K).						
-----						
OTHER CHARGES:						
SERVICE CHARGE	0.00	0.00	7.00		0.00	7.00
-----						
TOTAL ACCOUNT BALANCE					7,989.00	2,004.00

DETAIL - AMOUNT OF CHANGE COLUMN:

4204400 RENEWAL POLICY	7,989.00
------------------------	----------

FOR AUTOMATED RESPONSE TO BILLING INQUIRIES CALL: 1-800-59-UTICA (1-800-598-8422)

Please mail your payment to: Utica National Insurance Group or pay on-line @ [www.uticanational.com](http://www.uticanational.com)  
 Billing Department  
 P.O. Box 6532  
 Utica, N.Y. 13504-6532

AYLIN, INC.  
8012 TONNELLE AVENUE  
NORTH BERGEN NJ 07047

YOUR AGENT IS: S.L. NUSBAUM INS AGCY INC R0054  
AGENCY TELEPHONE #: (757)622-4653  
Please call your agent to answer any questions.

Thank you for doing business with Utica National. We are pleased to have the opportunity of serving your insurance needs.

Your account is currently set up on a 4 payment bill plan. If you elect to pay an amount other than the full balance, a service charge of \$7.00 will apply to each installment billing.

Your UNIBILL statement reflects current activity for the policies on your account.

d. 5/5/12  
✓ # 4977  
# 200400

ACCOUNT ACTIVITY:	
Previous Balance	\$1,841.00
Payments - Thank you	1,841.00 CR
Other Transactions (See attached for detail)	7,989.00
<b>ACCOUNT BALANCE</b>	<b>\$7,989.00</b>

You can view your account activity and make online payments @ [www.uticanational.com](http://www.uticanational.com)

Account Balance Due	Installment Due
\$7,989.00	\$2,000.00

SEE NEXT PAGE FOR POLICY ACTIVITY AND BILLING DETAIL. SEE REVERSE SIDE FOR IMPORTANT BILLING INFORMATION.

FOR AUTOMATED RESPONSE TO BILLING INQUIRIES CALL: 1-800-59-UTICA (1-800-598-8422)

8012 TONNELLE AVENUE  
NORTH BERGEN NJ 07047

THE FOLLOWING IS A HISTORY OF ALL TRANSACTIONS PROCESSED SINCE YOUR  
LAST BILLING FOR EACH POLICY.

Thank you for doing business with Utica National Insurance

POLICY	PRIOR BALANCE	PAYMENTS MADE	AMOUNT OF CHANGE	INSTALLMENT #	ACCOUNT BALANCE	INSTALLMENT DUE
4204400 PACKAGE						
Effective 04-17-12	1,841.00	1,841.00-	7,989.00	(4)	7,989.00	1,987.00
PLEASE REFER TO THE FOLLOWING MESSAGE ON THE BACK: (K).						
-----						
OTHER CHARGES:						
SERVICE CHARGE	0.00	0.00	7.00		0.00	7.00
-----						
TOTAL ACCOUNT BALANCE					7,989.00	2,004.00

DETAIL - AMOUNT OF CHANGE COLUMN:

-----  
4204400 RENEWAL POLICY 7,899.00

FOR AUTOMATED RESPONSE TO BILLING INQUIRIES CALL: 1-800-68-UTICA (1-800-598-8422)

Please mail your payment to: Utica National Insurance Group or pay on-line @ [www.uticanational.com](http://www.uticanational.com)  
Billing Department  
P.O. Box 6532  
Utica, N.Y. 13504-6532

EPA 620



**EPA Inspection Notification: RCRA Subtitle I UST**  
**Andrew Ma** to: rpellison  
Cc: Carol Amend, Owens, Mariejr, Melissa Toffel

03/22/2010 04:56 PM

Good Afternoon Russell:

EPA Region III will be inspecting Pure gas station located at 5703 Holland Road, Suffolk, VA, 23437 on Tuesday, March 30, 2010. EPA will also be inspecting Pure gas station located at 8917 South Quay Road, Suffolk, VA 23434 and Franklin Eagle Mart located at 1397 Carrsville Highway, Franklin City, VA 23851 on Wednesday, March 31, 2010.

Please have the State inspector who will be accompanying us on the inspection contact me to arrange a meeting place and time.

Best Regards,

Andrew

Andrew Ma  
US EPA Region III - Office of Land Enforcement  
Mail Code 3LC70  
1650 Arch Street  
Philadelphia, PA 19103-2029  
Phone: 215.814.3429  
Fax: 215-814-3163  
ma.andrew@epa.gov

**CX 32**

**EPA 621**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

Russell P Ellison  
UST Program Coordinator  
Office of Spill Response & Remediation  
Virginia Department of Environmental Quality  
P.O. Box 1105  
Richmond, VA 23218-1105

DEC 6 7 2017

**RE: RCRA Proposed Complaint, Compliance Order and Notice of Opportunity for Hearing**

Dear Mr. Ellison:

The U.S. Environmental Protection Agency Region III is pursuing the issuance of a Complaint, Compliance Order, and Notice of Opportunity for Hearing for underground storage tank violations, pursuant to the Resource Conservation and Recovery Act (RCRA). The Complaint will address violations of RCRA Subtitle I by multiple respondents for underground storage tanks located at the following facilities: Pure Gas Station, 5703 Holland Road, Suffolk, VA 23437; Franklin Eagle Mart, 1397 Carrsville Highway Franklin, VA 23851; and Rt. 58 Food Mart, 8917 S. Quay Road, Suffolk, VA 23437.

I appreciate your cooperation in this matter and look forward to your continued efforts toward a successful enforcement program. Should you have any questions regarding this matter, please contact me at (215) 814-5430 or Andrew Ma at (215) 814-3429.

Sincerely,

A handwritten signature in cursive script that reads "Carol Amend".

Carol Amend, Associate Director  
Office of Land Enforcement

cc: Ma (3LC70) ✓

EPA 622





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

Via UPS

SEP 15 2010

Adnan Kiriscioglu  
Owner  
New Jersey Petroleum Organization  
8012 Tonnel Avenue  
North Bergen, New Jersey 07047

RE: Request for information pursuant to Section 9005 of the Resource Conservation and Recovery Act ("RCRA"), as amended, 42 U.S.C. §§ 6991d, regarding underground storage tanks located at the:

Pure Gas Station  
5703 Holland Road  
Suffolk, VA 23437

Franklin Eagle Mart  
1397 Carrsville Highway  
Franklin, VA 23851

Rt. 58 Food Mart  
8917 S. Quay Road  
Suffolk, VA 23437

REFERENCE NUMBER: I-10-041

Dear Mr. Kiriscioglu:

Subtitle I of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §§ 6991-6991i ("RCRA"), and regulations promulgated pursuant thereto at 40 C.F.R. Part 280, regulate underground storage tanks ("USTs") used to contain regulated substances including, but not limited to, petroleum products (*e.g.*, gasoline and crude oil). In order to conduct any study, take any corrective action, or enforce the provisions of Subtitle I, Section 9005(a) of RCRA, 42 U.S.C. § 6991d(a), authorizes the U.S. Environmental Protection Agency ("EPA"), among other things, to require owners and/or operators of USTs to furnish information relating to such tanks, their associated equipment, and their contents. EPA believes you may be an owner and/or operator of USTs located at the Pure Gas Station, 5703 Holland Road, Suffolk, Virginia 23437 ("Pure Gas Station"), the Franklin Eagle Mart, 1397 Carrsville Highway, Franklin, Virginia 23851 ("Franklin Eagle

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Mart”), and the Rt. 58 Food Mart, 8917 S. Quay Road, Suffolk, VA 23437 (“Rt. 58 Food Mart”) or together referred to as the “Facilities.”

Pursuant to Section 9005(a) of RCRA, 42 U.S.C. §6991d(a), and as a follow-up to the EPA inspection on March 30-31, 2010 (a copy of each inspection report are attached) of the Facilities, you are required to provide to EPA Region III the information requested below for each of the Facilities:

**Pure Gas Station, 5703 Holland Road, Suffolk, VA 23437**

1. Based upon information gathered by EPA during the March 30, 2010 inspection of the Pure Gas Station, EPA understands that Pure Gas Station operates two (2) regular gasoline USTs, one (1) diesel UST, and one (1) premium gasoline UST described in the chart below.

Tank Number	Material Stored	Capacity (Gallons)	Installation Date	Tank Construction	Piping Construction Material
1	Gasoline (regular)	6,000	4/26/76	SW CP Steel	SW FRP
2	Gasoline (regular)	6,000	4/26/76	SW CP Steel	SW FRP
3	Diesel	6,000	4/26/76	SW CP Steel	SW FRP
4	Gasoline (Premium)	6,000	4/26/76	SW CP Steel	SW FRP

Fiberglass Reinforced Plastic (“FRP”)

() – Denotes relative gasoline grade

Single Walled – (“SW”)

Cathodically Protected – (“CP”)

Please state whether or not the above information is correct. If any of the above information is not correct: a) identify the information that is not correct; b) describe, in detail, the reasons why the identified information is not correct and provide documentation supporting any assertion of incorrectness; and c) provide the correct information with your response.

2. The name and address of each owner (“owner” is defined in 9 VAC 25-580-10) of all USTs and/or UST systems (“USTs” and “UST systems” are defined in 9 VAC 25-580-10) located at the Pure Gas Station, and the dates of their respective ownership of such USTs and/or UST systems for the past five (5) years to the present.
3. The name and address of each operator (“operator” is defined in 9 VAC 25-580-10) of the USTs and/or UST systems (“USTs” and “UST systems” are defined in 9 VAC 25-580-10) located at the Pure Gas Station for the past five (5) years to the present and the dates of their respective operation of such USTs and/or UST systems.

4. The name and address of each person that owned the property where the USTs and/or UST systems are currently located for the past five (5) years to the present, and the dates of their respective ownership.
5. A copy of the most recent completed Notifications and Certifications for each UST and UST system at the Pure Gas Station submitted to the State, as required by the statute RCRA § 9002, 42 U.S. C. § 6991a, and the regulations 9 VAC 25-580-70 and 9 VAC 25-580-120.
6. During the March 30, 2010 inspection the Pure Gas Station representative indicated that the Pure Gas Station was not selling any gasoline or diesel fuel. During the inspection, EPA inspectors printed an "Inventory Report" from the Veeder-Root ("VR") TLS-350 Automatic Tank Gauging System (ATG) monitoring system inside the building. The "Inventory Report" indicated that "T1: Blue" contained 7.10 inches (202 gallons) of gasoline, "T2: Blue" contained 7.10 inches (204 gallons) of gasoline, "T3: Diesel" contained 7.33 inches (212 gallons) of diesel fuel, and "T4: Gold" contained 7.06 gallons of gasoline. Please provide the following information regarding each UST or UST system at the Pure Gas Station described and/or required to be identified under paragraphs 1, above:
  - a. the date any UST or UST system at the Pure Gas Station was closed, placed out-of-service, abandoned, or removed, pursuant to the terms 9 VAC 25-580-310 - 9 VAC 25-580-350;
  - b. the date any UST or UST system was returned to service, and the date any such UST or UST system was subsequently closed, placed out-of-service, abandoned, or removed;
  - c. the date any UST or UST system at the Pure Gas Station was emptied of regulated substances, the amount and type of regulated substance removed from each such UST or UST system, and the amount and type of regulated substance remaining in each such UST or UST system;
  - d. the date any UST or UST system underwent a change-of-service ("change-in-service" is defined in 9 VAC 25-580-320; and
  - e. copies of all documentation relating to the information requested in paragraphs 7(a)-(d);
7. Pure Gas Station representatives stated that they do not use the VR TLS-350 ATG as the primary form of release detection. Pure Gas Station representatives indicated that they print out sales data and tank inventory report data generated from the VR TLS-350 ATG. They then enter this data into a computer, and send the data to NJPO at the end of each month for monthly Statistical Inventory Reconciliation

("SIR"). Please indicate by stating "Yes" or "No", has release detection pursuant to 9 VAC 25-580-130 and 9 VAC 25-580-160 been provided for the USTs from August 2005 to the present?

If "Yes", provide the following information for each UST:

- a. A detailed description of the release detection methods used for each UST and/or UST system (Tank 1 – Tank 4) at the Pure Gas Station from August 2005 to the present.
- b. the date such release detection methods were first provided;
- c. the date, if any, such release detection methods were discontinued; and
- d. provide copies of montly leak detection records from August 2005 to the present.

If "No", provide the following information:

- a. the date since each UST had been without a method of release detection;
- b. explain in detail why each UST (Tank 1 – Tank 4) does not have a method of release detection; and
- c. describe in detail plans to install a valid method of release detection for each UST (Tank 1 – Tank 4) in accordance with 9 VAC 25-580-130 and 9 VAC 25-580-160.

8. NJPO provided copies of a line tightness tests (LTT) for the three (3) product lines, and annual line leak detector (ALLD) functionality tests for three line leak detectors affiliated with Tank 1- Tank 4. The LLTs and ALLD tests for April 4, 2008 indicated passing results for all three lines and line leak detectors. The LTTs and ALLD tests conducted for March 24, 2009 stated "Could not perform testing because water was covering all the sumps." Please indicate by stating "Yes" or "No", have LLTs and ALLD tests been performed at any time before or after the April 4, 2008 testing pursuant to 9 VAC 25-580-130 and 9 VAC 25-580-170?

If "Yes", provide the following:

- a. copies of passing piping release detection results for 2005, 2006, 2007, 2009, and 2010; and

- b. copies of passing results for the annual test of the line leak detectors for 2006, 2007, 2009, and 2010.

If "No", provide the following information:

- a. state the date since the piping had been without a method of release detection;
- b. explain in detail why the piping does not have a method of release detection; and
- c. describe in detail plans to install a valid method of release detection for the UST piping in accordance with 9 VAC 25-580-130 and 9 VAC 25-580-170.

9. Based on information provided by the VADEQ prior to the inspection, the USTs at the Pure Gas Station are single-walled steel tanks. During the inspection on March 30, 2010, the EPA inspectors observed a rectifier box, which indicates that the USTs may be cathodically protected with an impressed current system.

At the time of the inspection there were no 60-day inspection records available for the impressed current system. Crompco, LLC conducted a test of the impressed current system on Friday, April 4, 2008, and the comments section of the report stated "Cathodic protection is inconclusive because of the rectifier kept on tripping when trying to do the test. Additional labor for extended testing time." Please answer "Yes" or "No," is cathodic protection provided for each UST (Tank 1 - Tank 4) at the Facility?

If "Yes", then provide the following information:

- a. describe the method of cathodic protection provided for each UST as required by 9 VAC 25-580-50 and 9 VAC 25-580-60;
- b. provide documentation of cathodic protection testing every three years as required by 9 VAC 25-580-90-2; and
- c. please provide copies of documents which demonstrate the 60-day inspection of the impressed current system as required by 9 VAC 25-580-90-2.

If "No", then provide the following information:

- a. state the date tanks have been without a method of cathodic protection;

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- b. explain in detail why the tanks do not have a method of cathodic protection; and
  - c. describe in detail plans to install cathodic protection for the USTs at the Pure Gas Station.
10. During the March 30, 2010 inspection, EPA inspectors were unable to lift the cover on the fill port and spill bucket for Tank 4 to verify the presence of overfill protection or a spill bucket surrounding the fill port. Spill and overfill protection equipment is required to prevent releases into the environment associated with product transfers to the UST system. Please provide evidence (pictures) of the overfill protection and an intact spill bucket surrounding the fill port affiliated with Tank 4 containing premium gasoline in accordance with 9 VAC 25-580-50-3.
11. At the time of the March 30, 2010 inspection the Pure Gas Station did not have documentation of financial assurance as required by 9 VAC 25-590. Subsequent to the inspection on May 13, 2010, the Pure Gas Station provided EPA with copies of insurance coverage under two separate policies, one policy with coverage provided by Colony Insurance Company from October 20, 2005 to October 20, 2006, and the other, also provided by Colony Insurance, indicating coverage from October 20, 2006 to October 20, 2007. The Pure Gas Station did not provide financial assurance coverage from October 20, 2007 to the present. Please provide documentation demonstrating financial responsibility as required by 9 VAC 25-590 for the four (4) USTs at the Pure Gas Station from October 20, 2007 to the present.

**Franklin Eagle Mart, 1397 Carrsville Highway, Franklin, Virginia 23851**

1. Based upon information gathered by EPA during the March 31, 2010 inspection at the Franklin Eagle Mart, EPA understands that Franklin Eagle Mart operates one (1) diesel UST, and one (1) regular gasoline UST described in the chart below.

Tank Number	Material Stored	Capacity (Gallons)	Installation Date	Tank Construction	Piping Construction Material
1	Diesel	8,000	1/1/88	CP Steel	FRP
2	Gasoline (regular)	8,000	1/1/88	CP Steel	FRP

Fiberglass Reinforced Plastic ("FRP")

() - Denotes relative gasoline grade

Cathodically Protected - ("CP")

Please state whether or not the above information is correct. If any of the above information is not correct: a) identify the information that is not correct; b) describe, in detail, the reasons why the identified information is not correct and provide documentation supporting any assertion of incorrectness; and c) provide the correct information with your response.

2. The name and address of each owner ("owner" is defined in 9 VAC 25-580-10) of all USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Franklin Eagle Mart, and the dates of their respective ownership of such USTs and/or UST systems for the past five (5) years to the present.
3. The name and address of each operator ("operator" is defined in 9 VAC 25-580-10) of the USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Franklin Eagle Mart for the past five (5) years to the present and the dates of their respective operation of such USTs and/or UST systems.
4. The name and address of each person that owned the property where the USTs and/or UST systems are currently located for the past five (5) years to the present, and the dates of their respective ownership.
5. A copy of the most recent completed Notifications and Certifications for each UST and UST systems at the Franklin Eagle Mart submitted to the State, as required by the statute RCRA § 9002, 42 U.S. C. § 6991a, and the regulations 9 VAC 25-580-70 and 9 VAC 25-580-120.
6. During the March 31, 2010 inspection the Franklin Eagle Mart representative indicated that the Franklin Eagle Mart was not selling or dispensing any diesel fuel or gasoline. The Facility representative stated that the last fuel delivery occurred on 1/19/10, and the last fuel sale occurred on 2/1/10. EPA inspectors printed an "Inventory Report" from the VR TLS-350 ATG monitoring system inside the building. The "Inventory Report" indicated that "T1: Diesel" contained 7.89 inches (314 gallons) of diesel fuel and "T2: Regular" contained 7.67 inches (302 gallons) of gasoline. Please provide the following information regarding each UST or UST system at the Franklin Eagle Mart described and/or required to be identified under paragraphs 1, above:
  - a. the date any UST or UST system at the Franklin Eagle Mart was closed, placed out-of-service, abandoned, or removed, pursuant to the terms 9 VAC 25-580-310 - 9 VAC 25-580-350;
  - b. the date any UST or UST system was returned to service, and the date any such UST or UST system was subsequently closed, placed out-of-service, abandoned, or removed;
  - c. the date any UST or UST system at the Franklin Eagle Mart was emptied of regulated substances, the amount and type of regulated substance removed from each such UST or UST system, and the amount and type of regulated substance remaining in each such UST or UST system;

- d. the date any UST or UST system underwent a change-of-service ("change-in-service" is defined in 9 VAC 25-580-320; and
  - e. all documentation relating to the information requested in paragraphs 7(a)-(d);
7. During the March 31, 2010 EPA inspection, EPA inspectors printed the "Leak Test Report" for both USTs (Tank 1 and Tank 2). The "Leak Test Report" dated March 31, 2010 indicated invalid results for a 0.2 gal/hr leak detection test for both USTs. EPA inspectors also printed the "Tank Leak Test History" for Tank 1, which indicated passing release detection results on January 26, 2009, September 28, 2009, October 5, 2009, and October, 26 2009.

However, Franklin Eagle Mart representatives stated that they do not use the VR TLS-350 ATG as its primary form of release detection. Franklin Eagle Mart representatives indicated that they print out sales data and tank inventory report data generated from the VR TLS-350 ATG. They then enter this data into a computer, and send the data to NJPO at the end of each month for monthly SIR. Please indicate by stating "Yes" or "No", has release detection pursuant to 9 VAC 25-580-130 and 9 VAC 25-580-160 been provided for the USTs from August 2005 to the present?

If "Yes", provide the following information for each UST:

- a. A detailed description of the release detection methods used for each UST and/or UST systems (Tank 1 & Tank 2) at Franklin Eagle Mart from August 2005 to the present;
- b. the date such release detection methods were first provided;
- c. the date, if any, such release detection methods were discontinued; and
- d. provide copies of monthly leak detection records from August 2005 to the present.

If "No", provide the following information:

- a. state the date since each UST had been without a method of release detection;
- b. explain in detail why each UST (Tank 1 & Tank 2) does not have a method of release detection; and

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- c. describe in detail plans to install a valid method of release detection for each UST (Tank 1 & Tank 2) in accordance with 9 VAC 25-580-130 and 9 VAC 25-580-160.

8. At the time of the inspection, Franklin Eagle Mart representatives provided copies of LTTs and ALLD tests for the underground piping and leak detectors affiliated with Tank 1 and Tank 2. The tests were conducted on December 5, 2007, December 12, 2008, and November 3, 2009, and the results of each test are summarized in the chart below.

**LTT and ALLD Test Results for  
December 5, 2007, December 12, 2008, and November 3, 2009**

Date	LTT		ALLD Test	
	Tank 1	Tank 2	Tank 1	Tank 2
12/5/2007	Pass	Pass	Fail	Pass
12/11/2008	Inconclusive	Inconclusive	Pass	Pass
11/3/2009	Pass	Pass	Pass	Pass

As shown in the chart above, the December 5, 2007 ALLD test for Tank 1 indicated a "Fail" result. Please provide the following information regarding the "Fail" result for the ALLD test for Tank 1:

- a. describe in detail any follow-up measures taken after the "Fail" ALLD test result for Tank 1 on December 5, 2007 and indicate the date when such follow-up measures were taken;
- b. provide documentation of any testing of the ALLD for Tank 1 subsequent to the December 5, 2007 "Fail" result in accordance 9 VAC 25-580-130 and 9 VAC 25-580-170; and
- c. provide documentation of any repairs and/or maintenance completed to fix the ALLD for Tank 1.

As shown in the chart above, the December 11, 2008 LTTs for Tank 1 and Tank 2 indicated an "Inconclusive" result. Please provide the following information regarding the "Inconclusive" results for the LTTs for Tank 1 and Tank 2:

- a. describe in detail any follow-up measures taken after the "Inconclusive" LTT results for Tank 1 and Tank 2 on December 11, 2008 and indicate the date when such follow-up measures were taken;

- b. provide documentation of any subsequent LTT(s) for Tank 1 and Tank 2 after the "Inconclusive" result on December 11, 2008 in accordance 9 VAC 25-580-130 and 9 VAC 25-580-170; and
  - c. provide documentation of any repairs and/or maintenance completed for Tank 1 and Tank 2 subsequent to the December 11, 2008 "Inconclusive" results.
9. Based on information provided by the VADEQ prior to the inspection, the USTs at Franklin Eagle Mart are constructed of steel and the piping is constructed of FRP. Cathodic protection tests conducted on November 3, 2009, December 11, 2008 and December 5, 2007 reveal that Tank 1 and Tank 2 may be cathodically protected by sacrificial anodes. The sacrificial anode cathodic protection tests indicated passing results for Tank 1 and Tank 2 on November 3, 2009; December 11, 2008 and December 5, 2007.

However, each of the cathodic protection tests conducted on November 3, 2009, December 11, 2008 and December 5, 2007 indicated "Fail" results for underground metal piping components located under the dispensers affiliated with Tank 1 and Tank 2, and in the sumps containing the Submersible Turbine Pumps ("STP") affiliated with Tank 1 and Tank 2. In accordance with 9 VAC 25-580-50 and 9 VAC 25-580-60, underground metal piping components in contact with the ground require cathodic protection. Please answer "Yes" or "No," is cathodic protection provided for the underground metal piping components affiliated with Tank 1 and Tank 2 at the Franklin Eagle Mart?

If "Yes", then provide the following information:

- a. describe the method of cathodic protection provided for the underground metal piping components as required by 9 VAC 25-580-50 and 9 VAC 25-580-60 and the dates such methods were provided;
- b. provide documentation of passing cathodic protection testing for the metal piping components every three years as required by 9 VAC 25-580-90-2;

If "No", then provide the following information:

- a. state the date the underground metal piping components have been without a method of cathodic protection,

- b. explain in detail why the underground metal piping components do not have a method of cathodic protection; and
  - c. describe in detail plans to install cathodic protection for the underground metal piping components.
10. At the time of the inspection, Franklin Eagle Mart did not have documentation of financial responsibility as required by 9 VAC 25-590 for Tank 1 and Tank 2. Please provide documentation demonstrating financial responsibility as required by 9 VAC 25-590 for the two (2) USTs at Franklin Eagle Mart from August 2005 to the present.

**Rt. 58 Food Mart, 8917 S. Quay Road, Suffolk, VA 23437**

1. Based upon information gathered by EPA during the March 31, 2010 inspection at the Rt. 58 Food Mart, EPA understands that the Rt. 58 Food Mart operates one (1) super gasoline UST, one (1) regular gasoline UST, and one (1) plus gasoline UST described in the chart below.

Tank Number	Material Stored	Capacity (Gallons)	Installation Date	Tank Construction	Piping Construction Material
1	Gasoline (super)	8,000	8/1/88	SW cathodically-protected Steel	SW FRP
2	Gasoline (regular)	8,000	8/1/88	SW cathodically-protected steel	SW FRP
3	Gasoline (plus)	8,000	8/1/88	SW cathodically-protected steel	SW FRP

Fiberglass Reinforced Plastic ("FRP")

() - Denotes relative gasoline grade

Single-Walled ("SW")

Cathodically Protected - ("CP")

- Please state whether or not the above information is correct. If any of the above information is not correct: a) identify the information that is not correct; b) describe, in detail, the reasons why the identified information is not correct and provide documentation supporting any assertion of incorrectness; and c) provide the correct information with your response.
- 2. The name and address of each owner ("owner" is defined in 9 VAC 25-580-10) of all USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Rt. 58 Food Mart, and the dates of their respective ownership of such USTs and/or UST systems for the past five (5) years to the present.
  - 3. The name and address of each operator ("operator" is defined in 9 VAC 25-580-10) of the USTs and/or UST systems ("USTs" and "UST systems" are defined in 9

VAC 25-580-10) located at the Rt. 58 Food Mart for the past five (5) years to the present and the dates of their respective operation of such USTs and/or UST systems.

4. The name and address of each person that owned the property where the USTs and/or UST systems are currently located for the past five (5) years to the present, and the dates of their respective ownership.
5. A copy of the most recent completed Notifications and Certifications for each UST and UST system at the Rt. 58 Food Mart submitted to the State, as required by the statute RCRA § 9002, 42 U.S. C. § 6991a, and the regulations 9 VAC 25-580-70 and 9 VAC 25-580-120.
6. During the March 31, 2010 inspection the Rt. 58 Food Mart representative indicated that the gas station was not selling any gasoline. EPA inspectors printed an "Inventory Report" from the VR TLS-300 ATG monitoring system inside the building. The "Inventory Report" dated March 31, 2010 indicated that "T1: Super" contained 9.53 inches (415 gallons) of gasoline, "T2: Reg. Unleaded" contained 7.31 inches (281 gallons) of gasoline, and "T3: Unleaded Plus" contained 5.96 inches (208 gallons) of gasoline. Please provide the following information regarding each UST or UST system at the Rt. 58 Food Mart described and/or required to be identified under paragraphs 1, above:
  - a. the date any UST or UST system at the Rt. 58 Food Mart was closed, placed out-of-service, abandoned, or removed, pursuant to the terms 9 VAC 25-580-310 - 9 VAC 25-580-350;
  - b. the date any UST or UST system was returned to service, and the date any such UST or UST system was subsequently closed, placed out-of-service, abandoned, or removed;
  - c. the date any UST or UST system at the Rt. 58 Food Mart was emptied of regulated substances, the amount and type of regulated substance removed from each such UST or UST system, and the amount and type of regulated substance remaining in each such UST or UST system;
  - d. the date any UST or UST system underwent a change-of-service ("change-in-service" is defined in 9 VAC 25-580-320; and
  - e. all documentation relating to the information requested in paragraphs 7(a)-(d);
7. During the March 31, 2010 EPA inspection, EPA inspectors printed the "Leak Test Report" for all three (3) USTs (Tank 1 – Tank 3). The "Leak Test Report"

indicated invalid results for a 0.2 gal/hr leak detection test for each UST. EPA inspectors also printed the "Tank Leak Test History" for each UST, and the "Tank Leak Test History" is summarized in the chart below.

**Tank Leak Test History Results from the  
VR TLS-300 ATG Monitoring System**

	Tank 1	Tank 2	Tank 3
Aug-05		Pass	Pass
Sep-05			
Oct-05	Pass		Pass
Nov-05	Pass		Pass
Dec-05			
Jan-06	Pass	Pass	
Feb-06	Pass		Pass
Mar-06			
Apr-06	Pass		Pass
May-06	Pass	Pass	
Jun-06	Pass	Pass	
Jul-06			
Aug-06			
Sep-06		Pass	
Oct-06			
Nov-06			
Dec-06			Pass
Jan-07			
Feb-07			
Mar-07			
Apr-07			
May-07			
Jun-07			
Jul-07			
Aug-07	Pass		
Sep-07	Pass		Pass

The "Pass" results in the Tank Leak History Results summarized in the chart above indicate the latest monthly passing 0.2 gal per hour tank release detection test for each tank. The results indicate that the last passing 0.2 gal per hour tank release detection test for Tank 1 and Tank 3 occurred in September 2007. The latest passing 0.2 gal per hour tank release detection test for Tank 2 occurred in September 2006. The Tank Leak History Results printed during the inspection also indicate that there were no passing ATG release detection results for Tank 1 from September 2007 to the preset; for Tank 2 from September 2006 to the preset; and for Tank 3 from September 2007 to the present.

During the inspection, the Rt. 58 Food Mart representatives stated that they do not use the VR TLS-300 ATG as the primary form of release detection. They print out

sales data and tank inventory report data generated from the VR TLS-300 ATG, enter the data into a computer, and send the data to NJPO at the end of each month for monthly SIR. The "Product Inventory Monthly Reconciliation Forms" provided by NJPO representatives after the inspection are not a valid form of release detection in accordance with UST release detection requirements in 9 VAC 25-580-130 and 9 VAC 25-580-160. Please indicate by stating "Yes" or "No", has release detection pursuant to 9 VAC 25-580-130 and 9 VAC 25-580-160 been provided for the USTs from August 2005 to the present?

If "Yes", provide the following information for each UST:

- a. a detailed description of the release detection methods used for each UST and/or UST system (Tank 1 – Tank 3) at the Rt. 58 Food Mart from August 2005 to the present;
- b. the date such release detection methods were first provided;
- c. the date, if any, such release detection methods were discontinued; and
- d. provide copies of monthly leak detection records from August 2005 to the present.

If "No", provide the following information:

- a. state the date since each UST had been without a method of release detection;
- b. explain in detail why each UST (Tank 1 – Tank 3) does not have a method of release detection; and
- c. describe in detail plans to install a valid method of release detection for each UST (Tank 1 – Tank 3) in accordance with 9 VAC 25-580-130 and 9 VAC 25-580-160.

8. Based on information provided by the VADEQ prior to the inspection, the USTs at Rt. 58 Food Mart are constructed of steel and the piping is constructed of FRP. Cathodic protection tests provided by NJPO for November 3, 2009, November 25, 2008 and December 6, 2007 indicate all three (3) USTs may be cathodically protected by sacrificial anodes. The test of the sacrificial anode cathodic protection system on November 25, 2008 indicated passing results for each UST.

However, each of the cathodic protection tests conducted on November 3, 2009, November 25, 2008 and December 6, 2007 indicated "Fail" results for underground metal piping components located under the dispensers affiliated with each UST,

and in the sumps containing the STP affiliated with each UST. In accordance with 9 VAC 25-580-50 and 9 VAC 25-580-60, underground metal piping components in contact with the ground require cathodic protection. Please answer "Yes" or "No," is cathodic protection provided for the underground metal piping components affiliated with Tank 1 – Tank 3?

If "Yes", then provide the following information:

- a. describe the method of cathodic protection provided for the underground metal piping components as required by 9 VAC 25-580-50 and 9 VAC 25-580-60 and the dates such methods were provided;
- b. provide documentation of passing cathodic protection testing for the metal piping components every three years as required by 9 VAC 25-580-90-2;

If "No", then provide the following information:

- a. state the date the underground metal piping components have been without a method of cathodic protection,
- b. explain in detail why the underground metal piping components do not have a method of cathodic protection; and
- c. describe in detail plans to install cathodic protection for the underground metal piping components.

9. At the time of the inspection, Rt. 58 Food Mart did not have documentation of financial assurance as required by 9 VAC 25-590. On May 13, 2010, NJPO emailed copies of insurance coverage for the three (3) underground tanks at the Facility. The documentation indicates two separate policies, one with coverage from October 25, 2006 to October 20, 2007, and the other policy indicating coverage from October 20, 2007 to October 20, 2008. The insurance policy does not indicate an address or location of the USTs covered under the policy, and also included was a "Notice of Cancellation of Insurance" dated February 5, 2008, which may indicate that the insurance coverage for the Rt. 58 Food Mart was canceled. Please provide documentation demonstrating financial responsibility as required by 9 VAC 25-590 for the three (3) USTs at the Rt. 58 Food Mart from August 2005 to the present.

EPA 637

All information required by this letter must be submitted to this office no later than **fifteen (15)** calendar days from the date of your receipt of this letter to:

**Andrew Ma  
Environmental Scientist  
U.S. EPA, Region III  
Office of Land Enforcement (3LC70)  
1650 Arch Street  
Philadelphia, PA 19103**

### **CERTIFICATION**

On the last page of your response to this Information Request, you must also include the following signed and dated certification:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

As used herein, the term "documents" means: writings (handwritten, typed or otherwise produced or reproduced) and includes, but is not limited to, any invoices, checks, receipts, bills of lading, weight receipts, toll receipts, correspondence, offers, contracts, agreements, deeds, leases, manifests, licenses, permits, bids, proposals, policies of insurance, logs, books of original entry, minutes of meetings, memoranda, notes, calendar or daily entries, agendas, bulletins, notices, announcements, charts, maps, photographs, drawings, manuals, brochures, reports of scientific study or investigation, schedules, price lists, telegrams, teletypes, phono-records, magnetic voice, or video records, tapes, summaries, magnetic tapes, punch cards, recordings, discs, computer printouts, or other data compilations from which information can be obtained or translated.

With regard to the Small Business Regulatory Enforcement and Fairness Act (SBREFA), please see the "Information for Small Businesses" memo, enclosed, which might be applicable to your company. This enclosure provides information on contacting the SBREFA Ombudsman to comment on federal enforcement and compliance activities and also provides information on compliance assistance. As noted in the enclosure, any decision to participate in such program or to seek compliance assistance does not relieve you of your obligation to respond in a timely manner to an EPA request or other enforcement action, create any rights or defenses under law, and will not affect EPA's decision to pursue this enforcement action. To preserve your legal rights, you must comply with all rules governing the administrative enforcement process. The Ombudsman and fairness boards do not participate in the resolution of EPA's enforcement action. EPA has

not made a determination as to whether or not you (or your company) are covered by the SBREFA.

Failure to provide this information in the manner requested herein and/or within the specified time may result in the commencement of an enforcement action by EPA pursuant to Section 9006 of RCRA, 42 U.S.C. § 6991e.

All terms used herein shall have the same meanings as provided in 40 C.F.R. Part 280.

This collection of information requirement is not subject to review by the Office of Management and Budget pursuant to the Paperwork Reduction Act, 44 U.S.C. §§ 3501-3520.

You are entitled to assert a claim of business confidentiality covering any part or all of the submitted information in the manner described in volume 40 of the Code of Federal Regulations ("C.F.R"), Section 2.203(b). Information subject to a claim of business confidentiality will be made available to the public only in accordance with the procedures set forth in 40 C.F.R. Part 2, Subpart B. Unless a business confidentiality claim is asserted at the time the information is submitted, EPA Region III may make such information available to the public without further notice to you:

If you have any questions concerning this matter, please contact Andrew Ma of my staff at 215-814-3429.

Sincerely,



Carol Amend, Associate Director  
Land & Chemicals Division  
Office of Land Enforcement

Enclosures

cc: R. Ellison (VADEQ)  
T. DiFiore (EPA)  
A. Ma (EPA)

EPA 639

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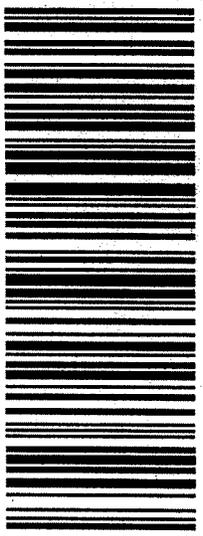
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LILLIAN ANDRELCZYK 215-814-2081 US EPA 1650 ARCH ST PHILADELPHIA PA 19103  <b>SHIP TO:</b> ADNAN KIRISCIOGLU, <i>DUNER</i> NEW JERSEY PETROLEUM ORGANIZATION 8012 TONNELLE AVENUE NORTH BERGEN NJ 07047-4622	2 LBS    PAK    1 OF 1  <b>NJ 070 9-05</b> 	<b>UPS NEXT DAY AIR</b> TRACKING #: 1Z A43 F71 01 9277 4719 	BILLING: P/P  Reference #: 1: Andrew Ma 215 814-3429 <small>CS 12.8.05. WNTTE/0 06.0A 07/2010</small> 
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EPA 640



Fw: UPS Delivery Notification, Tracking Number 1ZA43F710192774719  
Lillian Andrearczyk to: Andrew Ma

09/16/2010 10:18 AM

Lillian Andrearczyk  
US EPA Region III  
Land and Chemicals Division  
Office of State Programs Branch (3LC50)  
1650 Arch Street, 10th Floor  
Philadelphia, PA 19103  
Work: 215 814-2081  
Fax: 215 814-3163  
andrearczyk.lillian@epa.gov

— Forwarded by Lillian Andrearczyk/R3/USEPA/US on 09/16/2010 10:18 AM —

From: "UPS Quantum View" <auto-notify@ups.com>  
To: Lillian Andrearczyk/R3/USEPA/US  
Date: 09/16/2010 10:15 AM  
Subject: UPS Delivery Notification, Tracking Number 1ZA43F710192774719



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**Time:** AM

**Delivery Location:** FRONT DESK  
**Signed by:** LILIANA

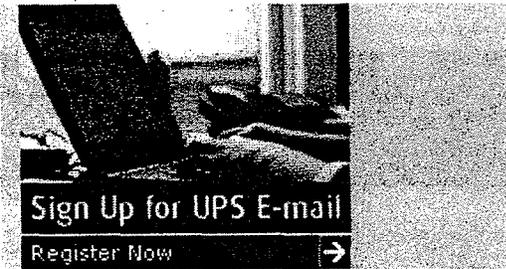
**Shipment Detail**

**Ship To:**  
Adnan Kiriscioglu  
New Jersey Petroleum Organization  
8012 TONNELLE AVE

NORTH BERGEN  
NJ  
07047  
US

**Number of Packages** 1  
**UPS Service:** NEXT DAY AIR  
**Weight:** 2.0 LBS  
**Reference Number** Andrew Ma 215  
**1:** 814-3429

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

Via UPS

OCT 12 2010

Adnan Kiriscioglu  
Owner  
New Jersey Petroleum Organization  
8012 Tonnel Avenue  
North Bergen, New Jersey 07047

RE: Request for information pursuant to Subtitle I of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §§ 6991-6991i, and regulations promulgated pursuant thereto, regarding underground storage tanks located at the Pure Gas Station, 5703 Holland Road, Suffolk, VA 23437; the Franklin Eagle Mart, 1397 Carrsville Highway Franklin, VA 23851; and the Rt. 58 Food Mart, 8917 S. Quay Road, Suffolk, VA 23437.

REFERENCE NUMBER: I-10-041

Dear Mr. Kiriscioglu:

On September 16, 2010, you received a request for information pursuant to Section 9005 (a) of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. § 6991d (a) (copy attached), pertaining to the underground storage tanks located at 5703 Holland Road, Suffolk, VA 23437; 1397 Carrsville Highway, Franklin, VA 23851; and 8917 S. Quay Road, Suffolk, VA 23437. The information request required you to provide a response within 15 calendar days after you were in receipt of the letter.

As of the date of this letter, EPA has not received a response to the September 16, 2010 request for information. You are in violation of Section 9005 (a) of RCRA. The failure to timely respond to the information request may result in the commencement of an enforcement action by EPA pursuant to Section 9006 of RCRA, 42 U.S.C. § 6991e.

Sincerely,

A handwritten signature in cursive script that reads "Carol Amend".

Carol Amend, Associate Director  
Office of Land Enforcement

cc: A. Ma

Enclosure(s)

EPA 643



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**Delivery Date / Time:** 13-October-2010 / 9:48 AM

**Delivery Location:** OFFICE

**Signed by:** MIKE

**Shipment Detail**

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**Ship To:**

Adnan Kiriscioglu, Owner  
New Jersey Peroleum Organization  
8012 TONNELLE AVE  
NORTH BERGEN  
NJ  
07047  
US

**Number of Packages** 1

**UPS Service:** NEXT DAY AIR SAVER

**Weight:** 1.0 LBS

**Reference Number 1:** Mr. Andrew Ma 215814-

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EPA 644



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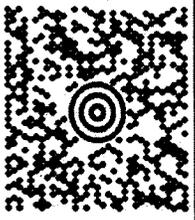
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<p>LILLIAN ANDRZELCZYK 215-814-2081 US EPA 1650 ARCH ST PHILADELPHIA PA 19103</p> <p><b>1.0 LBS LTR</b></p> <p><b>1 OF 1</b></p>	<p><b>SHIP TO:</b> ADNAN KRISCIIOGLU, OWNER NEW JERSEY PEROLEUM ORGANIZATION 8012 TONNELLE AVENUE NORTH BERGEN NJ 07047-4622</p>	<p><b>NJ 070 9-05</b></p>  	<p><b>UPS NEXT DAY AIR SAVER 1P</b></p> <p>TRACKING #: 1Z A43 F71 13 9218 6823</p>		<p><b>BILLING: P/P</b></p> <p>Reference # 1: Mr. Andrew Ma 215814- CS 12.8.10. WNTJZ70 06.0A 07/2010</p> 
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EPA 646

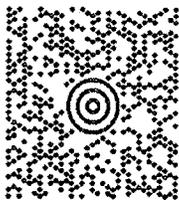
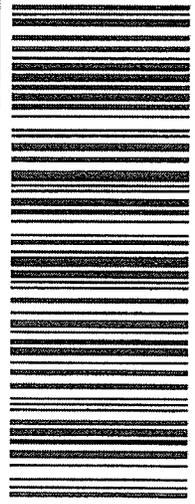
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LILLIAN ANDREJCZYK 215-814-2081 US EPA 1650 ARCH ST PHILADELPHIA PA 19103	<b>1.0 LBS LTR</b>  <b>1 OF 1</b>  <b>SHIP TO:</b> ADNAN KIRISCIOGLU, OWNER NEW JERSEY PEROLEUM ORGANIZATION 8012 TONNELLE AVENUE NORTH BERGEN NJ 07047-4622	<div style="text-align: center;">  </div> <div style="text-align: center;"> <b>NJ 070 9-05</b>   </div>	<div style="text-align: center;"> <b>UPS NEXT DAY AIR SAVER 1P</b>          TRACKING #: 1Z A43 F71 13 9218 6823   </div>
		BILLING: P/P	 Reference # 1: Mr. Andrew Ma 215814- <small>CS 12.8.10 WNYTET06.06.07/2010</small>

**EPA 647**



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Delivery Date / Time: 13-October-2010 / 9:48 AM

Delivery Location: OFFICE  
Signed by: MIKE

**Shipment Detail**

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Ship To:  
Adnan Kiriscioglu, Owner  
New Jersey Petroleum Organization  
8012 TONNELLE AVE  
NORTH BERGEN  
NJ  
07047  
US

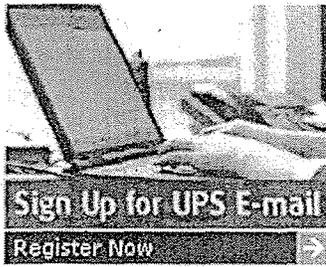
Number of Packages 1  
UPS Service: NEXT DAY AIR SAVER  
Weight: 1.0 LBS  
Reference Number 1: Mr. Andrew Ma 215814-

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**EPA 648**



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**EPA 649**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

JUN 02 2011

Via UPS

Adnan Kiriscioglu  
President, Aylin, Inc.  
Tamar Arklan  
General Manager  
Pure  
5703 Holland Road  
Suffolk, VA 23437

RE: Request for information pursuant to Section 9005 of the Resource Conservation and Recovery Act ("RCRA"), as amended, 42 U.S.C. §§ 6991d, regarding underground storage tanks located at the Pure gas station, 5703 Holland Road, Suffolk, VA 23437.

REFERENCE NUMBER: I-11-049(b)

Dear Sirs:

Subtitle I of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §§ 6991-6991i ("RCRA"), and regulations promulgated pursuant thereto at 40 C.F.R. Part 280, regulate underground storage tanks ("USTs") used to contain regulated substances including, but not limited to, petroleum products (*e.g.*, gasoline and crude oil). In order to conduct any study, take any corrective action, or enforce the provisions of Subtitle I, Section 9005(a) of RCRA, 42 U.S.C. § 6991d(a), authorizes the U.S. Environmental Protection Agency ("EPA"), among other things, to require owners and/or operators of USTs to furnish information relating to such tanks, their associated equipment, and their contents. EPA believes you may be an owner and/or operator of USTs located at the Pure gas station, 5703 Holland Road, Suffolk, Virginia 23437 ("Pure Gas Station" or "the Facility").

Pursuant to Section 9005(a) of RCRA, 42 U.S.C. §6991d(a), and as a follow-up to the EPA inspection on March 30, 2010 (a copy of the inspection report is attached) of the Facility, you are required to provide to EPA Region III the information requested below for the Facility.

1. Based upon information gathered by EPA during the March 30, 2010 inspection of the Pure Gas Station, EPA understands that Pure Gas Station operates four (4) USTs, which includes two (2) regular gasoline USTs, one (1) diesel UST, and one (1) premium gasoline UST described in the chart below.

system at the Pure Gas Station described and/or required to be identified under paragraphs 1, above:

- a. the date any UST or UST system at the Pure Gas Station was closed, placed out-of-service, abandoned, or removed, pursuant to the terms 9 VAC 25-580-310 - 9 VAC 25-580-350;
- b. the date any UST or UST system was returned to service, and the date any such UST or UST system was subsequently closed, placed out-of-service, abandoned, or removed;
- c. the date any UST or UST system at the Pure Gas Station was emptied of regulated substances, the amount and type of regulated substance removed from each such UST or UST system, and the amount and type of regulated substance remaining in each such UST or UST system;
- d. the date any UST or UST system underwent a change-of-service ("change-in-service" is defined in 9 VAC 25-580-320; and
- e. copies of all documentation relating to the information requested in paragraphs 7(a)-(d);

7. Pure Gas Station representatives stated that they do not use the VR TLS-350 ATG as the primary form of release detection. Pure Gas Station representatives indicated that they print out sales data and tank inventory report data generated from the VR TLS-350 ATG. They then enter this data into a computer, and send the data to NJPO at the end of each month for monthly Statistical Inventory Reconciliation ("SIR"). Please indicate by stating "Yes" or "No", has release detection pursuant to 9 VAC 25-580-130 and 9 VAC 25-580-160 been provided for the USTs from August 2006 to the present?

If "Yes", provide the following information for each UST:

- a. A detailed description of the release detection methods used for each UST and/or UST system (Tank 1 – Tank 4) at the Pure Gas Station from August 2006 to the present.
- b. the date such release detection methods were first provided;
- c. the date, if any, such release detection methods were discontinued; and
- d. provide copies of monthly leak detection records from August 2006 to the present.

If "No", provide the following information:

- a. the date since each UST had been without a method of release detection;



test. Additional labor for extended testing time.” Please answer “Yes” or “No,” is cathodic protection provided for each UST (Tank 1 – Tank 4) at the Facility?

If “Yes”, then provide the following information:

- a. describe the method of cathodic protection provided for each UST as required by 9 VAC 25-580-50 and 9 VAC 25-580-60;
- b. provide documentation of cathodic protection testing every three years as required by 9 VAC 25-580-90-2; and
- c. please provide copies of documents which demonstrate the 60-day inspection of the impressed current system as required by 9 VAC 25-580-90-2.

If “No”, then provide the following information:

- a. state the date tanks have been without a method of cathodic protection;
- b. explain in detail why the tanks do not have a method of cathodic protection;
- c. describe in detail plans to install cathodic protection for the USTs at the Pure Gas Station; and

10. Crompco, LLC conducted a test of the impressed current system on Friday, April 4, 2008, and the comments section of their report stated: “Cathodic protection is inconclusive because of the rectifier kept on tripping when trying to do the test. Additional labor for extended testing time.” Please provide the following information regarding the April 4, 2008 inconclusive result.

- a. describe, in detail, any repairs done and testing completed in response to the inconclusive cathodic protection test; and
- b. provide copies of documents for any repairs and testing completed for your cathodic protection system.

11. During the March 30, 2010 inspection, EPA inspectors were unable to lift the cover on the fill port and spill bucket for Tank 4 to verify the presence of overfill protection or a spill bucket surrounding the fill port. Spill and overfill protection equipment is required to prevent releases into the environment associated with product transfers to the UST system. Please provide evidence (pictures) of the overfill protection and an intact spill bucket surrounding the fill port affiliated with Tank 4 containing premium gasoline in accordance with 9 VAC 25-580-50-3.



With regard to the Small Business Regulatory Enforcement and Fairness Act (SBREFA), please see the "Information for Small Businesses" memo, enclosed, which might be applicable to your company. This enclosure provides information on contacting the SBREFA Ombudsman to comment on federal enforcement and compliance activities and also provides information on compliance assistance. As noted in the enclosure, any decision to participate in such program or to seek compliance assistance does not relieve you of your obligation to respond in a timely manner to an EPA request or other enforcement action, create any rights or defenses under law, and will not affect EPA's decision to pursue this enforcement action. To preserve your legal rights, you must comply with all rules governing the administrative enforcement process. The Ombudsman and fairness boards do not participate in the resolution of EPA's enforcement action. EPA has not made a determination as to whether or not you (or your company) are covered by the SBREFA.

Failure to provide this information in the manner requested herein and/or within the specified time may result in the commencement of an enforcement action by EPA pursuant to Section 9006 of RCRA, 42 U.S.C. § 6991e.

All terms used herein shall have the same meanings as provided in 40 C.F.R. Part 280.

This collection of information requirement is not subject to review by the Office of Management and Budget pursuant to the Paperwork Reduction Act, 44 U.S.C. §§ 3501-3520.

You are entitled to assert a claim of business confidentiality covering any part or all of the submitted information in the manner described in volume 40 of the Code of Federal Regulations ("C.F.R"), Section 2.203(b). Information subject to a claim of business confidentiality will be made available to the public only in accordance with the procedures set forth in 40 C.F.R. Part 2, Subpart B. Unless a business confidentiality claim is asserted at the time the information is submitted, EPA Region III may make such information available to the public without further notice to you.

If you have any questions concerning this matter, please contact Andrew Ma of my staff at 215-814-3429.

Sincerely,



Carol Amend, Associate Director  
Land & Chemicals Division  
Office of Land Enforcement

Enclosures

cc: R. Ellison (VADEQ)  
T. DiFiore (EPA)  
A. Ma (EPA)



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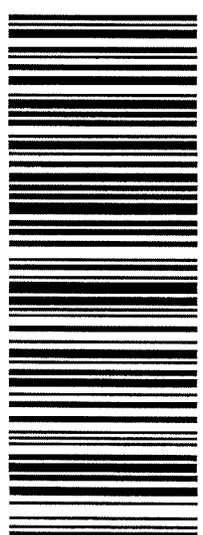
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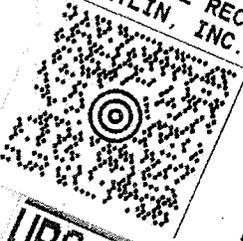
Your driver will pickup your shipment(s) as usual.

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LILLIAN ANDREJCZYK 215-814-2081 US EPA 1650 ARCH ST PHILADELPHIA PA 19103  <b>SHIP TO:</b> ADNAN KIRISCIOGLU, PRESIDENT AYLIN, INC. 5703 HOLLAND ROAD <b>SUFFOLK VA 23437-9564</b>	1.0 LBS LTR 1 OF 1  <b>VA 236 9-04</b> 	<b>UPS NEXT DAY AIR</b> TRACKING #: 1Z A43 F71 01 9129 5551 <b>1</b> 	BILLING: P/P  Reference # 1: A. Ma 215 814-3429 CS 13.1.13. WXP/E70 15.0A 04/2011 
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EPA 654

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3



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

JUN 06 2011

Via UPS

Adnan Kiriscioglu  
President, Aylin, Inc.  
1397 Carrsville Highway  
Franklin, VA 23851

RE: Request for information pursuant to Section 9005 of the Resource Conservation and Recovery Act ("RCRA"), as amended, 42 U.S.C. §§ 6991d, regarding underground storage tanks located at the Pure gas station, 5703 Holland Road, Suffolk, VA 23437.

REFERENCE NUMBER: I-11-049(c)

Dear Mr. Kiriscioglu:

Subtitle I of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §§ 6991-6991i ("RCRA"), and regulations promulgated pursuant thereto at 40 C.F.R. Part 280, regulate underground storage tanks ("USTs") used to contain regulated substances including, but not limited to, petroleum products (*e.g.*, gasoline and crude oil). In order to conduct any study, take any corrective action, or enforce the provisions of Subtitle I, Section 9005(a) of RCRA, 42 U.S.C. § 6991d(a), authorizes the U.S. Environmental Protection Agency ("EPA"), among other things, to require owners and/or operators of USTs to furnish information relating to such tanks, their associated equipment, and their contents. EPA believes you may be an owner and/or operator of USTs located at the Pure gas station, 5703 Holland Road, Suffolk, Virginia 23437 ("Pure Gas Station" or "the Facility").

Pursuant to Section 9005(a) of RCRA, 42 U.S.C. §6991d(a), and as a follow-up to the EPA inspection on March 30, 2010 (a copy of the inspection report is attached) of the Facility, you are required to provide to EPA Region III the information requested below for the Facility.

1. Based upon information gathered by EPA during the March 30, 2010 inspection of the Pure Gas Station, EPA understands that Pure Gas Station operates four (4) USTs, which includes two (2) regular gasoline USTs, one (1) diesel UST, and one (1) premium gasoline UST described in the chart below.

Tank Number	Material Stored	Capacity (Gallons)	Installation Date	Tank Construction	Piping Construction Material
1	Gasoline (regular)	6,000	4/26/76	SW CP Steel	SW FRP
2	Gasoline (regular)	6,000	4/26/76	SW CP Steel	SW FRP
3	Diesel	6,000	4/26/76	SW CP Steel	SW FRP
4	Gasoline (Premium)	6,000	4/26/76	SW CP Steel	SW FRP

Fiberglass Reinforced Plastic ("FRP")

() – Denotes relative gasoline grade

Single Walled – ("SW")

Cathodically Protected – ("CP")

Please state whether or not the above information is correct. If any of the above information is not correct: a) identify the information that is not correct; b) describe, in detail, the reasons why the identified information is not correct and provide documentation supporting any assertion of incorrectness; and c) provide the correct information with your response.

2. The name and address of each owner ("owner" is defined in 9 VAC 25-580-10) of all USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Pure Gas Station, and the dates of their respective ownership of such USTs and/or UST systems for the past five (5) years to the present.
3. The name and address of each operator ("operator" is defined in 9 VAC 25-580-10) of the USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Pure Gas Station for the past five (5) years to the present and the dates of their respective operation of such USTs and/or UST systems.
4. The name and address of each person that owned the property where the USTs and/or UST systems are currently located for the past five (5) years to the present, and the dates of their respective ownership.
5. A copy of the most recent completed Notifications and Certifications for each UST and UST system at the Pure Gas Station submitted to the State, as required by the statute RCRA § 9002, 42 U.S. C. § 6991a, and the regulations 9 VAC 25-580-70 and 9 VAC 25-580-120.
6. During the March 30, 2010 inspection the Pure Gas Station representative indicated that the Pure Gas Station was not selling any gasoline or diesel fuel. During the inspection, EPA inspectors printed an "Inventory Report" from the Veeder-Root ("VR") TLS-350 Automatic Tank Gauging System (ATG) monitoring system inside the building. The "Inventory Report" indicated that "T1: Blue" contained 7.10 inches (202 gallons) of gasoline, "T2: Blue" contained 7.10 inches (204 gallons) of gasoline, "T3: Diesel" contained 7.33 inches (212 gallons) of diesel fuel, and "T4: Gold" contained 7.06 gallons of gasoline. Please provide the following information regarding each UST or UST.

system at the Pure Gas Station described and/or required to be identified under paragraphs 1, above:

- a. the date any UST or UST system at the Pure Gas Station was closed, placed out-of-service, abandoned, or removed, pursuant to the terms 9 VAC 25-580-310 - 9 VAC 25-580-350;
  - b. the date any UST or UST system was returned to service, and the date any such UST or UST system was subsequently closed, placed out-of-service, abandoned, or removed;
  - c. the date any UST or UST system at the Pure Gas Station was emptied of regulated substances, the amount and type of regulated substance removed from each such UST or UST system, and the amount and type of regulated substance remaining in each such UST or UST system;
  - d. the date any UST or UST system underwent a change-of-service ("change-in-service" is defined in 9 VAC 25-580-320; and
  - e. copies of all documentation relating to the information requested in paragraphs 7(a)-(d);
7. Pure Gas Station representatives stated that they do not use the VR TLS-350 ATG as the primary form of release detection. Pure Gas Station representatives indicated that they print out sales data and tank inventory report data generated from the VR TLS-350 ATG. They then enter this data into a computer, and send the data to NJPO at the end of each month for monthly Statistical Inventory Reconciliation ("SIR"). Please indicate by stating "Yes" or "No", has release detection pursuant to 9 VAC 25-580-130 and 9 VAC 25-580-160 been provided for the USTs from August 2006 to the present?

If "Yes", provide the following information for each UST:

- a. A detailed description of the release detection methods used for each UST and/or UST system (Tank 1 – Tank 4) at the Pure Gas Station from August 2006 to the present.
- b. the date such release detection methods were first provided;
- c. the date, if any, such release detection methods were discontinued; and
- d. provide copies of montly leak detection records from August 2006 to the present.

If "No", provide the following information:

- a. the date since each UST had been without a method of release detection;



- b. explain in detail why each UST (Tank 1 – Tank 4) does not have a method of release detection; and
  - c. describe in detail plans to install a valid method of release detection for each UST (Tank 1 – Tank 4) in accordance with 9 VAC 25-580-130 and 9 VAC 25-580-160.
8. NJPO provided copies of a line tightness tests (LTT) for the three (3) product lines, and annual line leak detector (ALLD) functionality tests for three line leak detectors affiliated with Tank 1- Tank 4. The LTTs and ALLD tests for April 4, 2008 indicated passing results for all three lines and line leak detectors. The LTTs and ALLD tests conducted for March 24, 2009 stated “Could not perform testing because water was covering all the sumps.” Please indicate by stating “Yes” or “No”, have LTTs and ALLD tests been performed at any time before or after the April 4, 2008 testing pursuant to 9 VAC 25-580-130 and 9 VAC 25-580-170?

If “Yes”, provide the following:

- a. copies of passing piping release detection results for 2006, 2007, 2009, and 2010; and
- b. copies of passing results for the annual test of the line leak detectors for 2006, 2007, 2009, and 2010.

If “No”, provide the following information:

- a. state the date since the piping had been without a method of release detection;
  - b. explain in detail why the piping does not have a method of release detection; and
  - c. describe in detail plans to install a valid method of release detection for the UST piping in accordance with 9 VAC 25-580-130 and 9 VAC 25-580-170.
9. Based on information provided by the VADEQ prior to the inspection, the USTs at the Pure Gas Station are single-walled steel tanks. During the inspection on March 30, 2010, the EPA inspectors observed a rectifier box, which indicates that the USTs may be cathodically protected with an impressed current system.

At the time of the inspection there were no 60-day inspection records available for the impressed current system. Crompco, LLC conducted a test of the impressed current system on Friday, April 4, 2008, and the comments section of the report stated “Cathodic protection is inconclusive because of the rectifier kept on tripping when trying to do the



test. Additional labor for extended testing time.” Please answer “Yes” or “No,” is cathodic protection provided for each UST (Tank 1 – Tank 4) at the Facility?

If “Yes”, then provide the following information:

- a. describe the method of cathodic protection provided for each UST as required by 9 VAC 25-580-50 and 9 VAC 25-580-60;
- b. provide documentation of cathodic protection testing every three years as required by 9 VAC 25-580-90-2; and
- c. please provide copies of documents which demonstrate the 60-day inspection of the impressed current system as required by 9 VAC 25-580-90-2.

If “No”, then provide the following information:

- a. state the date tanks have been without a method of cathodic protection;
- b. explain in detail why the tanks do not have a method of cathodic protection;
- c. describe in detail plans to install cathodic protection for the USTs at the Pure Gas Station; and

10. Crompco, LLC conducted a test of the impressed current system on Friday, April 4, 2008, and the comments section of their report stated: “Cathodic protection is inconclusive because of the rectifier kept on tripping when trying to do the test. Additional labor for extended testing time.” Please provide the following information regarding the April 4, 2008 inconclusive result.

- a. describe, in detail, any repairs done and testing completed in response to the inconclusive cathodic protection test; and
- b. provide copies of documents for any repairs and testing completed for your cathodic protection system.

11. During the March 30, 2010 inspection, EPA inspectors were unable to lift the cover on the fill port and spill bucket for Tank 4 to verify the presence of overfill protection or a spill bucket surrounding the fill port. Spill and overfill protection equipment is required to prevent releases into the environment associated with product transfers to the UST system. Please provide evidence (pictures) of the overfill protection and an intact spill bucket surrounding the fill port affiliated with Tank 4 containing premium gasoline in accordance with 9 VAC 25-580-50-3.



12. At the time of the March 30, 2010 inspection the Pure Gas Station did not have documentation of financial assurance as required by 9 VAC 25-590. Subsequent to the inspection on May 13, 2010, the Pure Gas Station provided EPA with copies of insurance coverage under two separate policies, one policy with coverage provided by Colony Insurance Company from October 20, 2005 to October 20, 2006, and the other, also provided by Colony Insurance, indicating coverage from October 20, 2006 to October 20, 2007. The Pure Gas Station did not provide financial assurance coverage from October 20, 2007 to the present. Please provide documentation demonstrating financial responsibility as required by 9 VAC 25-590 for the four (4) USTs at the Pure Gas Station from October 20, 2007 to the present.

All information required by this letter must be submitted to this office no later than **fifteen (15)** calendar days from the date of your receipt of this letter to:

**Andrew Ma**  
**Environmental Scientist**  
**U.S. EPA, Region III**  
**Office of Land Enforcement (3LC70)**  
**1650 Arch Street**  
**Philadelphia, PA 19103**

#### **CERTIFICATION**

On the last page of your response to this Information Request, you must also include the following signed and dated certification:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

As used herein, the term "documents" means: writings (handwritten, typed or otherwise produced or reproduced) and includes, but is not limited to, any invoices, checks, receipts, bills of lading, weight receipts, toll receipts, correspondence, offers, contracts, agreements, deeds, leases, manifests, licenses, permits, bids, proposals, policies of insurance, logs, books of original entry, minutes of meetings, memoranda, notes, calendar or daily entries, agendas, bulletins, notices, announcements, charts, maps, photographs, drawings, manuals, brochures, reports of scientific study or investigation, schedules, price lists, telegrams, teletypes, phono-records, magnetic voice, or video records, tapes, summaries, magnetic tapes, punch cards, recordings, discs, computer printouts, or other data compilations from which information can be obtained or translated.



With regard to the Small Business Regulatory Enforcement and Fairness Act (SBREFA), please see the "Information for Small Businesses" memo, enclosed, which might be applicable to your company. This enclosure provides information on contacting the SBREFA Ombudsman to comment on federal enforcement and compliance activities and also provides information on compliance assistance. As noted in the enclosure, any decision to participate in such program or to seek compliance assistance does not relieve you of your obligation to respond in a timely manner to an EPA request or other enforcement action, create any rights or defenses under law, and will not affect EPA's decision to pursue this enforcement action. To preserve your legal rights, you must comply with all rules governing the administrative enforcement process. The Ombudsman and fairness boards do not participate in the resolution of EPA's enforcement action. EPA has not made a determination as to whether or not you (or your company) are covered by the SBREFA.

Failure to provide this information in the manner requested herein and/or within the specified time may result in the commencement of an enforcement action by EPA pursuant to Section 9006 of RCRA, 42 U.S.C. § 6991e.

All terms used herein shall have the same meanings as provided in 40 C.F.R. Part 280.

This collection of information requirement is not subject to review by the Office of Management and Budget pursuant to the Paperwork Reduction Act, 44 U.S.C. §§ 3501-3520.

You are entitled to assert a claim of business confidentiality covering any part or all of the submitted information in the manner described in volume 40 of the Code of Federal Regulations ("C.F.R"), Section 2.203(b). Information subject to a claim of business confidentiality will be made available to the public only in accordance with the procedures set forth in 40 C.F.R. Part 2, Subpart B. Unless a business confidentiality claim is asserted at the time the information is submitted, EPA Region III may make such information available to the public without further notice to you.

If you have any questions concerning this matter, please contact Andrew Ma of my staff at 215-814-3429.

Sincerely,



Carol Amend, Associate Director  
Land & Chemicals Division  
Office of Land Enforcement

Enclosures

cc: R. Ellison (VADEQ)  
T. DiFiore (EPA)  
A. Ma (EPA)





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UPS Quantum View

to:

Andrew Ma

06/07/2011 12:05 PM

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**Important Delivery Information**

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**Delivery Date / Time:** 07-June-2011 / 11:33 AM

**Delivery Location:** RECEIVER

**Signed by:** UNUZ

**Shipment Detail**

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**Ship To:**

Adnan Kiriscioglu, President

Aylin, Inc.

1397 CARRSVILLE HWY

FRANKLIN

EPA 663

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23851  
US

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**UPS Service:** NEXT DAY AIR

**Weight:** 1.0 LBS

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EPA 664

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2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

### 3. GETTING YOUR SHIPMENT TO UPS

#### Customers without a Daily Pickup

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Hand the package to any UPS driver in your area.

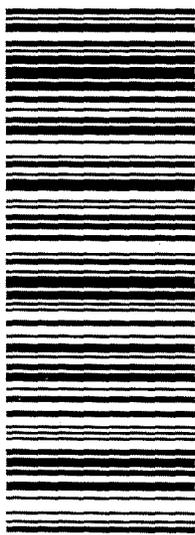
Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services<sup>SM</sup> (including via Ground) are also accepted at Drop Boxes.

To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

#### Customers with a Daily Pickup

Your driver will pickup your shipment(s) as usual.

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LILLIAN ANDREJCZYK 215-814-2081 US EPA 1650 ARCH ST PHILADELPHIA PA 19103  <b>SHIP TO:</b> ADNAN KIRISCIOGLU, PRESIDENT AYLIN, INC. 1397 CARRSVILLE HIGHWAY <b>FRANKLIN VA 23851-3916</b>	<b>1.0 LBS LTR</b>  <b>1 OF 1</b>	<b>VA 232 9-10</b> 	<b>UPS NEXT DAY AIR</b> <b>1</b> TRACKING #: 1Z A43 F71 01 9371 1614 	BILLING: P/P  Reference # 1: andrew ma 215 814-3429 <small>CS 13.1.13. WXPTE70 15.0A 04/2011</small> 
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EPA 665



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

JUN 07 2011

Via UPS

Adnan Kiriscioglu  
President, Aylin, Inc.  
c/o New Jersey Petroleum Organization  
8012 Tonnelle Avenue  
North Bergen, New Jersey 07047

RE: Request for information pursuant to Section 9005 of the Resource Conservation and Recovery Act ("RCRA"), as amended, 42 U.S.C. §§ 6991d, regarding underground storage tanks located at the Pure gas station, 5703 Holland Road, Suffolk, VA 23437.

REFERENCE NUMBER: I-11-049(a)

Dear Mr. Kiriscioglu:

Subtitle I of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §§ 6991-6991i ("RCRA"), and regulations promulgated pursuant thereto at 40 C.F.R. Part 280, regulate underground storage tanks ("USTs") used to contain regulated substances including, but not limited to, petroleum products (*e.g.*, gasoline and crude oil). In order to conduct any study, take any corrective action, or enforce the provisions of Subtitle I, Section 9005(a) of RCRA, 42 U.S.C. § 6991d(a), authorizes the U.S. Environmental Protection Agency ("EPA"), among other things, to require owners and/or operators of USTs to furnish information relating to such tanks, their associated equipment, and their contents. EPA believes you may be an owner and/or operator of USTs located at the Pure gas station, 5703 Holland Road, Suffolk, Virginia 23437 ("Pure Gas Station" or "the Facility").

Pursuant to Section 9005(a) of RCRA, 42 U.S.C. §6991d(a), and as a follow-up to the EPA inspection on March 30, 2010 (a copy of the inspection report is attached) of the Facility, you are required to provide to EPA Region III the information requested below for the Facility.

1. Based upon information gathered by EPA during the March 30, 2010 inspection of the Pure Gas Station, EPA understands that Pure Gas Station operates four (4) USTs, which includes two (2) regular gasoline USTs, one (1) diesel UST, and one (1) premium gasoline UST described in the chart below.

Tank Number	Material Stored	Capacity (Gallons)	Installation Date	Tank Construction	Piping Construction Material
1	Gasoline (regular)	6,000	4/26/76	SW CP Steel	SW FRP
2	Gasoline (regular)	6,000	4/26/76	SW CP Steel	SW FRP
3	Diesel	6,000	4/26/76	SW CP Steel	SW FRP
4	Gasoline (Premium)	6,000	4/26/76	SW CP Steel	SW FRP

Fiberglass Reinforced Plastic ("FRP")

() – Denotes relative gasoline grade

Single Walled – ("SW")

Cathodically Protected – ("CP")

Please state whether or not the above information is correct. If any of the above information is not correct: a) identify the information that is not correct; b) describe, in detail, the reasons why the identified information is not correct and provide documentation supporting any assertion of incorrectness; and c) provide the correct information with your response.

2. The name and address of each owner ("owner" is defined in 9 VAC 25-580-10) of all USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Pure Gas Station, and the dates of their respective ownership of such USTs and/or UST systems for the past five (5) years to the present.
3. The name and address of each operator ("operator" is defined in 9 VAC 25-580-10) of the USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Pure Gas Station for the past five (5) years to the present and the dates of their respective operation of such USTs and/or UST systems.
4. The name and address of each person that owned the property where the USTs and/or UST systems are currently located for the past five (5) years to the present, and the dates of their respective ownership.
5. A copy of the most recent completed Notifications and Certifications for each UST and UST system at the Pure Gas Station submitted to the State, as required by the statute RCRA § 9002, 42 U.S. C. § 6991a, and the regulations 9 VAC 25-580-70 and 9 VAC 25-580-120.
6. During the March 30, 2010 inspection the Pure Gas Station representative indicated that the Pure Gas Station was not selling any gasoline or diesel fuel. During the inspection, EPA inspectors printed an "Inventory Report" from the Veeder-Root ("VR") TLS-350 Automatic Tank Gauging System (ATG) monitoring system inside the building. The "Inventory Report" indicated that "T1: Blue" contained 7.10 inches (202 gallons) of gasoline, "T2: Blue" contained 7.10 inches (204 gallons) of gasoline, "T3: Diesel" contained 7.33 inches (212 gallons) of diesel fuel, and "T4: Gold" contained 7.06 gallons of gasoline. Please provide the following information regarding each UST or UST

system at the Pure Gas Station described and/or required to be identified under paragraphs 1, above:

- a. the date any UST or UST system at the Pure Gas Station was closed, placed out-of-service, abandoned, or removed, pursuant to the terms 9 VAC 25-580-310 - 9 VAC 25-580-350;
- b. the date any UST or UST system was returned to service, and the date any such UST or UST system was subsequently closed, placed out-of-service, abandoned, or removed;
- c. the date any UST or UST system at the Pure Gas Station was emptied of regulated substances, the amount and type of regulated substance removed from each such UST or UST system, and the amount and type of regulated substance remaining in each such UST or UST system;
- d. the date any UST or UST system underwent a change-of-service ("change-in-service" is defined in 9 VAC 25-580-320; and
- e. copies of all documentation relating to the information requested in paragraphs 7(a)-(d);

7. Pure Gas Station representatives stated that they do not use the VR TLS-350 ATG as the primary form of release detection. Pure Gas Station representatives indicated that they print out sales data and tank inventory report data generated from the VR TLS-350 ATG. They then enter this data into a computer, and send the data to NJPO at the end of each month for monthly Statistical Inventory Reconciliation ("SIR"). Please indicate by stating "Yes" or "No", has release detection pursuant to 9 VAC 25-580-130 and 9 VAC 25-580-160 been provided for the USTs from August 2006 to the present?

If "Yes", provide the following information for each UST:

- a. A detailed description of the release detection methods used for each UST and/or UST system (Tank 1 – Tank 4) at the Pure Gas Station from August 2006 to the present.
- b. the date such release detection methods were first provided;
- c. the date, if any, such release detection methods were discontinued; and
- d. provide copies of montly leak detection records from August 2006 to the present.

If "No", provide the following information:

- a. the date since each UST had been without a method of release detection;



- b. explain in detail why each UST (Tank 1 – Tank 4) does not have a method of release detection; and
  - c. describe in detail plans to install a valid method of release detection for each UST (Tank 1 – Tank 4) in accordance with 9 VAC 25-580-130 and 9 VAC 25-580-160.
8. NJPO provided copies of a line tightness tests (LTT) for the three (3) product lines, and annual line leak detector (ALLD) functionality tests for three line leak detectors affiliated with Tank 1- Tank 4. The LTTs and ALLD tests for April 4, 2008 indicated passing results for all three lines and line leak detectors. The LTTs and ALLD tests conducted for March 24, 2009 stated “Could not perform testing because water was covering all the sumps.” Please indicate by stating “Yes” or “No”, have LTTs and ALLD tests been performed at any time before or after the April 4, 2008 testing pursuant to 9 VAC 25-580-130 and 9 VAC 25-580-170?

If “Yes”, provide the following:

- a. copies of passing piping release detection results for 2006, 2007, 2009, and 2010; and
- b. copies of passing results for the annual test of the line leak detectors for 2006, 2007, 2009, and 2010.

If “No”, provide the following information:

- a. state the date since the piping had been without a method of release detection;
  - b. explain in detail why the piping does not have a method of release detection; and
  - c. describe in detail plans to install a valid method of release detection for the UST piping in accordance with 9 VAC 25-580-130 and 9 VAC 25-580-170.
9. Based on information provided by the VADEQ prior to the inspection, the USTs at the Pure Gas Station are single-walled steel tanks. During the inspection on March 30, 2010, the EPA inspectors observed a rectifier box, which indicates that the USTs may be cathodically protected with an impressed current system.

At the time of the inspection there were no 60-day inspection records available for the impressed current system. Crompco, LLC conducted a test of the impressed current system on Friday, April 4, 2008, and the comments section of the report stated “Cathodic protection is inconclusive because of the rectifier kept on tripping when trying to do the



test. Additional labor for extended testing time.” Please answer “Yes” or “No,” is cathodic protection provided for each UST (Tank 1 – Tank 4) at the Facility?

If “Yes”, then provide the following information:

- a. describe the method of cathodic protection provided for each UST as required by 9 VAC 25-580-50 and 9 VAC 25-580-60;
- b. provide documentation of cathodic protection testing every three years as required by 9 VAC 25-580-90-2; and
- c. please provide copies of documents which demonstrate the 60-day inspection of the impressed current system as required by 9 VAC 25-580-90-2.

If “No”, then provide the following information:

- a. state the date tanks have been without a method of cathodic protection;
- b. explain in detail why the tanks do not have a method of cathodic protection;
- c. describe in detail plans to install cathodic protection for the USTs at the Pure Gas Station; and

10. Crompco, LLC conducted a test of the impressed current system on Friday, April 4, 2008, and the comments section of their report stated: “Cathodic protection is inconclusive because of the rectifier kept on tripping when trying to do the test. Additional labor for extended testing time.” Please provide the following information regarding the April 4, 2008 inconclusive result.

- a. describe, in detail, any repairs done and testing completed in response to the inconclusive cathodic protection test; and
- b. provide copies of documents for any repairs and testing completed for your cathodic protection system.

11. During the March 30, 2010 inspection, EPA inspectors were unable to lift the cover on the fill port and spill bucket for Tank 4 to verify the presence of overfill protection or a spill bucket surrounding the fill port. Spill and overfill protection equipment is required to prevent releases into the environment associated with product transfers to the UST system. Please provide evidence (pictures) of the overfill protection and an intact spill bucket surrounding the fill port affiliated with Tank 4 containing premium gasoline in accordance with 9 VAC 25-580-50-3.



12. At the time of the March 30, 2010 inspection the Pure Gas Station did not have documentation of financial assurance as required by 9 VAC 25-590. Subsequent to the inspection on May 13, 2010, the Pure Gas Station provided EPA with copies of insurance coverage under two separate policies, one policy with coverage provided by Colony Insurance Company from October 20, 2005 to October 20, 2006, and the other, also provided by Colony Insurance, indicating coverage from October 20, 2006 to October 20, 2007. The Pure Gas Station did not provide financial assurance coverage from October 20, 2007 to the present. Please provide documentation demonstrating financial responsibility as required by 9 VAC 25-590 for the four (4) USTs at the Pure Gas Station from October 20, 2007 to the present.

All information required by this letter must be submitted to this office no later than **fifteen (15)** calendar days from the date of your receipt of this letter to:

**Andrew Ma  
Environmental Scientist  
U.S. EPA, Region III  
Office of Land Enforcement (3LC70)  
1650 Arch Street  
Philadelphia, PA 19103**

#### **CERTIFICATION**

On the last page of your response to this Information Request, you must also include the following signed and dated certification:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

As used herein, the term "documents" means: writings (handwritten, typed or otherwise produced or reproduced) and includes, but is not limited to, any invoices, checks, receipts, bills of lading, weight receipts, toll receipts, correspondence, offers, contracts, agreements, deeds, leases, manifests, licenses, permits, bids, proposals, policies of insurance, logs, books of original entry, minutes of meetings, memoranda, notes, calendar or daily entries, agendas, bulletins, notices, announcements, charts, maps, photographs, drawings, manuals, brochures, reports of scientific study or investigation, schedules, price lists, telegrams, teletypes, phono-records, magnetic voice, or video records, tapes, summaries, magnetic tapes, punch cards, recordings, discs, computer printouts, or other data compilations from which information can be obtained or translated.

With regard to the Small Business Regulatory Enforcement and Fairness Act (SBREFA), please see the "Information for Small Businesses" memo, enclosed, which might be applicable to your company. This enclosure provides information on contacting the SBREFA Ombudsman to comment on federal enforcement and compliance activities and also provides information on compliance assistance. As noted in the enclosure, any decision to participate in such program or to seek compliance assistance does not relieve you of your obligation to respond in a timely manner to an EPA request or other enforcement action, create any rights or defenses under law, and will not affect EPA's decision to pursue this enforcement action. To preserve your legal rights, you must comply with all rules governing the administrative enforcement process. The Ombudsman and fairness boards do not participate in the resolution of EPA's enforcement action. EPA has not made a determination as to whether or not you (or your company) are covered by the SBREFA.

Failure to provide this information in the manner requested herein and/or within the specified time may result in the commencement of an enforcement action by EPA pursuant to Section 9006 of RCRA, 42 U.S.C. § 6991e.

All terms used herein shall have the same meanings as provided in 40 C.F.R. Part 280.

This collection of information requirement is not subject to review by the Office of Management and Budget pursuant to the Paperwork Reduction Act, 44 U.S.C. §§ 3501-3520.

You are entitled to assert a claim of business confidentiality covering any part or all of the submitted information in the manner described in volume 40 of the Code of Federal Regulations ("C.F.R"), Section 2.203(b). Information subject to a claim of business confidentiality will be made available to the public only in accordance with the procedures set forth in 40 C.F.R. Part 2, Subpart B. Unless a business confidentiality claim is asserted at the time the information is submitted, EPA Region III may make such information available to the public without further notice to you.

If you have any questions concerning this matter, please contact Andrew Ma of my staff at 215-814-3429.

Sincerely,



Carol Amend, Associate Director  
Land & Chemicals Division  
Office of Land Enforcement

Enclosures

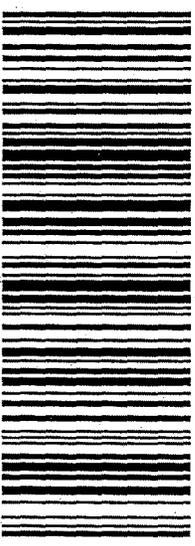
cc: R. Ellison (VADEQ)  
T. DiFiore (EPA)  
A. Ma (EPA)

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<p>LILLIAN ANDRELCZYK 215-814-2081 US EPA 1650 ARCH ST PHILADELPHIA PA 19103</p> <p><b>SHIP TO:</b> ADNAN KIRISCIOGLU, PRESIDENT AYLIN, INC. C/O NEW JERSEY PETROLEUM ORGANIZATION 8012 TONNELLE AVENUE NORTH BERGEN NJ 07047-4622</p>	<p><b>NJ 070 9-05</b></p> 	<p><b>UPS NEXT DAY AIR SAVER 1P</b></p> <p>TRACKING #: 1Z A43 F71 13 9889 5449</p> 	<p>BILLING: P/P</p> <p>Reference # 1: Andrew Ma 215 814-3429</p> <p><small>CS 13.1.13. W02E70 15.0A 04/2011</small></p> 
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EPA 673



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**Delivery Date / Time:** 08-June-2011 / 11:14 AM

**Delivery Location:** FRONT DESK

**Signed by:** SENCY

**Shipment Detail**

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**Ship To:**

Adnan Kiriscioglu, President

Aylin, Inc. c/o New Jersey Petroleu

8012 TONNELLE AVE

NORTH BERGEN

NJ

07047

US

**Number of Packages:** 1

**UPS Service:** NEXT DAY AIR SAVER

**Weight:** 1.0 LBS

**Reference Number 1:** Andrew Ma 215 814-3429

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**EPA 674**

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**EPA 675**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 REGION III  
 1650 Arch Street  
 Philadelphia, Pennsylvania 19103-2029

Via UPS

Adnan Kiriscioglu  
 President  
 Franklin Eagle Mart Corp.  
 8012 Tonnelle Avenue  
 North Bergen, New Jersey 07047

08 JUN 2011

RE: Request for information pursuant to Section 9005 of the Resource Conservation and Recovery Act ("RCRA"), as amended, 42 U.S.C. §§ 6991d, regarding underground storage tanks located at Pure d/b/a Franklin Eagle Mart, 1397 Carrsville Highway, Franklin, VA 23851.

REFERENCE NUMBER: I-11-048(a)

Dear Mr. Kiriscioglu:

Subtitle I of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §§ 6991-6991i ("RCRA"), and regulations promulgated pursuant thereto at 40 C.F.R. Part 280, regulate underground storage tanks ("USTs") used to contain regulated substances including, but not limited to, petroleum products (e.g., gasoline and crude oil). In order to conduct any study, take any corrective action, or enforce the provisions of Subtitle I, Section 9005(a) of RCRA, 42 U.S.C. § 6991d(a), authorizes the U.S. Environmental Protection Agency ("EPA"), among other things, to require owners and/or operators of USTs to furnish information relating to such tanks, their associated equipment, and their contents. EPA believes you may be an owner and/or operator of USTs located at Pure d/b/a Franklin Eagle Mart, 1397 Carrsville Highway, Franklin, Virginia 23851 ("Franklin Eagle Mart" or "the Facility").

1. Based upon information gathered by EPA during the March 31, 2010 inspection at the Franklin Eagle Mart, EPA understands that Franklin Eagle Mart operates one (1) diesel UST, and one (1) regular gasoline UST described in the chart below.

Tank Number	Material Stored	Capacity (Gallons)	Installation Date	Tank Construction	Piping Construction Material
1	Diesel	8,000	1/1/88	CP Steel	FRP
2	Gasoline (regular)	8,000	1/1/88	CP Steel	FRP

Fiberglass Reinforced Plastic ("FRP")  
 () - Denotes relative gasoline grade  
 Cathodically Protected - ("CP")

Please state whether or not the above information is correct. If any of the above information is not correct: a) identify the information that is not correct; b) describe, in detail, the reasons why the identified information is not correct and provide documentation supporting any assertion of incorrectness; and c) provide the correct information with your response.

2. The name and address of each owner ("owner" is defined in 9 VAC 25-580-10) of all USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Franklin Eagle Mart, and the dates of their respective ownership of such USTs and/or UST systems for the past five (5) years to the present.
3. The name and address of each operator ("operator" is defined in 9 VAC 25-580-10) of the USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Franklin Eagle Mart for the past five (5) years to the present and the dates of their respective operation of such USTs and/or UST systems.
4. The name and address of each person that owned the property where the USTs and/or UST systems are currently located for the past five (5) years to the present, and the dates of their respective ownership.
5. A copy of the most recent completed Notifications and Certifications for each UST and UST systems at the Franklin Eagle Mart submitted to the State, as required by the statute RCRA § 9002, 42 U.S. C. § 6991a, and the regulations 9 VAC 25-580-70 and 9 VAC 25-580-120.
6. During the March 31, 2010 inspection the Franklin Eagle Mart representative indicated that the Franklin Eagle Mart was not selling or dispensing any diesel fuel or gasoline. The Facility representative stated that the last fuel delivery occurred on 1/19/10, and the last fuel sale occurred on 2/1/10. EPA inspectors printed an "Inventory Report" from the VR TLS-350 ATG monitoring system inside the building. The "Inventory Report" indicated that "T1: Diesel" contained 7.89 inches (314 gallons) of diesel fuel and "T2: Regular" contained 7.67 inches (302 gallons) of gasoline. Please provide the following information regarding each UST or UST system at the Franklin Eagle Mart described and/or required to be identified under paragraphs 1, above:
  - a. the date any UST or UST system at the Franklin Eagle Mart was closed, placed out-of-service, abandoned, or removed, pursuant to the terms 9 VAC 25-580-310 - 9 VAC 25-580-350;
  - b. the date any UST or UST system was returned to service, and the date any such UST or UST system was subsequently closed, placed out-of-service, abandoned, or removed;
  - c. the date any UST or UST system at the Franklin Eagle Mart was emptied of regulated substances, the amount and type of regulated substance removed from each such UST or UST system, and the amount and type of regulated substance remaining in each such UST or UST system;

- d. the date any UST or UST system underwent a change-of-service ("change-in-service" is defined in 9 VAC 25-580-320; and
- e. all documentation relating to the information requested in paragraphs 7(a)-(d);

7. During the March 31, 2010 EPA inspection, EPA inspectors printed the "Leak Test Report" for both USTs (Tank 1 and Tank 2). The "Leak Test Report" dated March 31, 2010 indicated invalid results for a 0.2 gal/hr leak detection test for both USTs. EPA inspectors also printed the "Tank Leak Test History" for Tank 1, which indicated passing release detection results on January 26, 2009, September 28, 2009, October 5, 2009, and October, 26 2009.

However, Franklin Eagle Mart representatives stated that they do not use the VR TLS-350 ATG as its primary form of release detection. Franklin Eagle Mart representatives indicated that they print out sales data and tank inventory report data generated from the VR TLS-350 ATG. They then enter this data into a computer, and send the data to NJPO at the end of each month for monthly SIR. Please indicate by stating "Yes" or "No", has release detection pursuant to 9 VAC 25-580-130 and 9 VAC 25-580-160 been provided for the USTs from August 2006 to the present?

If "Yes", provide the following information for each UST:

- a. A detailed description of the release detection methods used for each UST and/or UST systems (Tank 1 & Tank 2) at Franklin Eagle Mart from August 2006 to the present;
- b. the date such release detection methods were first provided;
- c. the date, if any, such release detection methods were discontinued; and
- d. provide copies of monthly leak detection records from August 2006 to the present.

If "No", provide the following information:

- a. state the date since each UST had been without a method of release detection;
- b. explain in detail why each UST (Tank 1 & Tank 2) does not have a method of release detection; and
- c. describe in detail plans to install a valid method of release detection for each UST (Tank 1 & Tank 2) in accordance with 9 VAC 25-580-130 and 9 VAC 25-580-160.



8. At the time of the inspection, Franklin Eagle Mart representatives provided copies of LTTs and ALLD tests for the underground piping and leak detectors affiliated with Tank 1 and Tank 2. The tests were conducted on December 5, 2007, December 12, 2008, and November 3, 2009, and the results of each test are summarized in the chart below.

**LTT and ALLD Test Results for  
December 5, 2007, December 12, 2008, and November 3, 2009**

Date	LTT		ALLD Test	
	Tank 1	Tank 2	Tank 1	Tank 2
12/5/2007	Pass	Pass	Fail	Pass
12/11/2008	Inconclusive	Inconclusive	Pass	Pass
11/3/2009	Pass	Pass	Pass	Pass

As shown in the chart above, the December 5, 2007 ALLD test for Tank 1 indicated a "Fail" result. Please provide the following information regarding the "Fail" result for the ALLD test for Tank 1:

- a. describe in detail any follow-up measures taken after the "Fail" ALLD test result for Tank 1 on December 5, 2007 and indicate the date when such follow-up measures were taken;
- b. provide documentation of any testing of the ALLD for Tank 1 subsequent to the December 5, 2007 "Fail" result in accordance 9 VAC 25-580-130 and 9 VAC 25-580-170; and
- c. provide documentation of any repairs and/or maintenance completed to fix the ALLD for Tank 1.

As shown in the chart above, the December 11, 2008 LTTs for Tank 1 and Tank 2 indicated an "Inconclusive" result. Please provide the following information regarding the "Inconclusive" results for the LTTs for Tank 1 and Tank 2:

- a. describe in detail any follow-up measures taken after the "Inconclusive" LTT results for Tank 1 and Tank 2 on December 11, 2008 and indicate the date when such follow-up measures were taken;
- b. provide documentation of any subsequent LTT(s) for Tank 1 and Tank 2 after the "Inconclusive" result on December 11, 2008 in accordance 9 VAC 25-580-130 and 9 VAC 25-580-170; and

- c. provide documentation of any repairs and/or maintenance completed for Tank 1 and Tank 2 subsequent to the December 11, 2008 "Inconclusive" results.

9. Based on information provided by the VADEQ prior to the inspection, the USTs at Franklin Eagle Mart are constructed of steel and the piping is constructed of FRP. Cathodic protection tests conducted on November 3, 2009, December 11, 2008 and December 5, 2007 reveal that Tank 1 and Tank 2 may be cathodically protected by sacrificial anodes. The sacrificial anode cathodic protection tests indicated passing results for Tank 1 and Tank 2 on November 3, 2009, December 11, 2008 and December 5, 2007.

However, each of the cathodic protection tests conducted on November 3, 2009, December 11, 2008 and December 5, 2007 indicated "Fail" results for underground metal piping components located under the dispensers affiliated with Tank 1 and Tank 2, and in the sumps containing the Submersible Turbine Pumps ("STP") affiliated with Tank 1 and Tank 2. In accordance with 9 VAC 25-580-50 and 9 VAC 25-580-60, underground metal piping components in contact with the ground require cathodic protection. Please answer "Yes" or "No," is cathodic protection provided for the underground metal piping components affiliated with Tank 1 and Tank 2 at the Franklin Eagle Mart?

If "Yes", then provide the following information:

- a. describe the method of cathodic protection provided for the underground metal piping components as required by 9 VAC 25-580-50 and 9 VAC 25-580-60 and the dates such methods were provided;
- b. provide documentation of passing cathodic protection testing for the metal piping components every three years as required by 9 VAC 25-580-90-2;

If "No", then provide the following information:

- a. state the date the underground metal piping components have been without a method of cathodic protection,
- b. explain in detail why the underground metal piping components do not have a method of cathodic protection; and
- c. describe in detail plans to install cathodic protection for the underground metal piping components.

10. At the time of the inspection, Franklin Eagle Mart did not have documentation of financial responsibility as required by 9 VAC 25-590 for Tank 1 and Tank 2. Please provide documentation demonstrating financial responsibility as required by 9 VAC 25-590 for the two (2) USTs at Franklin Eagle Mart from August 2006 to the present.



All information required by this letter must be submitted to this office no later than **fifteen (15)** calendar days from the date of your receipt of this letter to:

**Andrew Ma  
Environmental Scientist  
U.S. EPA, Region III  
Office of Land Enforcement (3LC70)  
1650 Arch Street  
Philadelphia, PA 19103**

### **CERTIFICATION**

On the last page of your response to this Information Request, you must also include the following signed and dated certification:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

As used herein, the term "documents" means: writings (handwritten, typed or otherwise produced or reproduced) and includes, but is not limited to, any invoices, checks, receipts, bills of lading, weight receipts, toll receipts, correspondence, offers, contracts, agreements, deeds, leases, manifests, licenses, permits, bids, proposals, policies of insurance, logs, books of original entry, minutes of meetings, memoranda, notes, calendar or daily entries, agendas, bulletins, notices, announcements, charts, maps, photographs, drawings, manuals, brochures, reports of scientific study or investigation, schedules, price lists, telegrams, teletypes, phono-records, magnetic voice, or video records, tapes, summaries, magnetic tapes, punch cards, recordings, discs, computer printouts, or other data compilations from which information can be obtained or translated.

With regard to the Small Business Regulatory Enforcement and Fairness Act (SBREFA), please see the "Information for Small Businesses" memo, enclosed, which might be applicable to your company. This enclosure provides information on contacting the SBREFA Ombudsman to comment on federal enforcement and compliance activities and also provides information on compliance assistance. As noted in the enclosure, any decision to participate in such program or to seek compliance assistance does not relieve you of your obligation to respond in a timely manner to an EPA request or other enforcement action, create any rights or defenses under law, and will not affect EPA's decision to pursue this enforcement action. To preserve your legal rights, you must comply with all rules governing the administrative enforcement process. The

Ombudsman and fairness boards do not participate in the resolution of EPA's enforcement action. EPA has not made a determination as to whether or not you (or your company) are covered by the SBREFA.

Failure to provide this information in the manner requested herein and/or within the specified time may result in the commencement of an enforcement action by EPA pursuant to Section 9006 of RCRA, 42 U.S.C. § 6991e.

All terms used herein shall have the same meanings as provided in 40 C.F.R. Part 280.

This collection of information requirement is not subject to review by the Office of Management and Budget pursuant to the Paperwork Reduction Act, 44 U.S.C. §§ 3501-3520.

You are entitled to assert a claim of business confidentiality covering any part or all of the submitted information in the manner described in volume 40 of the Code of Federal Regulations ("C.F.R"), Section 2.203(b). Information subject to a claim of business confidentiality will be made available to the public only in accordance with the procedures set forth in 40 C.F.R. Part 2, Subpart B. Unless a business confidentiality claim is asserted at the time the information is submitted, EPA Region III may make such information available to the public without further notice to you.

If you have any questions concerning this matter, please contact Andrew Ma of my staff at 215-814-3429.

Sincerely,



Carol Amend, Associate Director  
Land & Chemicals Division  
Office of Land Enforcement

Enclosures

cc: R. Ellison (VADEQ)  
T. DiFiore (EPA)  
A. Ma (EPA)



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**EPA 684**

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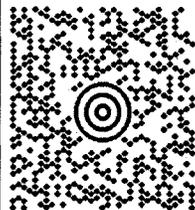
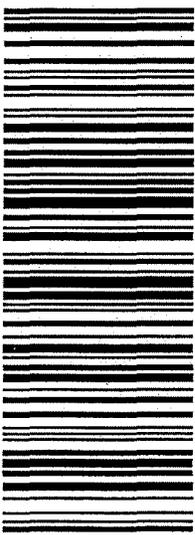
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<p>ANDREW MA (3LC70) 215-814-3429 US EPA 1650 ARCH ST PHILADELPHIA PA 19103</p> <p><b>SHIP TO:</b> ADNAN KIRISCIOGLU FRANKLIN EAGLE MART CORP. 8012 TONNELLE AVENUE NORTH BERGEN NJ 07047-4622</p>	<p>NJ 070 9-05</p>  	<p><b>UPS NEXT DAY AIR</b></p> <p>TRACKING #: 1Z A43 F71 24 9116 1867</p> <p><b>1</b></p>		<p>BILLING: P/P SIGNATURE REQUIRED</p>  <p>CS 13.1.13. WXP/E/P 15.0A 04/2011</p>
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EPA 685



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III

1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

Via UPS

Adnan Kiriscioglu  
President, Franklin Eagle Mart Corp.  
Tamar Arklan  
General Manager  
Pure d/b/a/ Franklin Eagle Mart  
1397 Carrsville Highway  
Franklin, VA 23851

10 8 JUN 2011

RE: Request for information pursuant to Section 9005 of the Resource Conservation and Recovery Act ("RCRA"), as amended, 42 U.S.C. §§ 6991d, regarding underground storage tanks located at Pure d/b/a Franklin Eagle Mart, 1397 Carrsville Highway, Franklin, VA 23851.

REFERENCE NUMBER: I-11-048(b)

Dear Sirs:

Subtitle I of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §§ 6991-6991i ("RCRA"), and regulations promulgated pursuant thereto at 40 C.F.R. Part 280, regulate underground storage tanks ("USTs") used to contain regulated substances including, but not limited to, petroleum products (e.g., gasoline and crude oil). In order to conduct any study, take any corrective action, or enforce the provisions of Subtitle I, Section 9005(a) of RCRA, 42 U.S.C. § 6991d(a), authorizes the U.S. Environmental Protection Agency ("EPA"), among other things, to require owners and/or operators of USTs to furnish information relating to such tanks, their associated equipment, and their contents. EPA believes you may be an owner and/or operator of USTs located at Pure d/b/a Franklin Eagle Mart, 1397 Carrsville Highway, Franklin, Virginia 23851 ("Franklin Eagle Mart" or "the Facility").

1. Based upon information gathered by EPA during the March 31, 2010 inspection at the Franklin Eagle Mart, EPA understands that Franklin Eagle Mart operates one (1) diesel UST, and one (1) regular gasoline UST described in the chart below.

Tank Number	Material Stored	Capacity (Gallons)	Installation Date	Tank Construction	Piping Construction Material
1	Diesel	8,000	1/1/88	CP Steel	FRP
2	Gasoline (regular)	8,000	1/1/88	CP Steel	FRP

Fiberglass Reinforced Plastic ("FRP")

() - Denotes relative gasoline grade

Cathodically Protected - ("CP")

Please state whether or not the above information is correct. If any of the above information is not correct: a) identify the information that is not correct; b) describe, in detail, the reasons why the identified information is not correct and provide documentation supporting any assertion of incorrectness; and c) provide the correct information with your response.

2. The name and address of each owner ("owner" is defined in 9 VAC 25-580-10) of all USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Franklin Eagle Mart, and the dates of their respective ownership of such USTs and/or UST systems for the past five (5) years to the present.
3. The name and address of each operator ("operator" is defined in 9 VAC 25-580-10) of the USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Franklin Eagle Mart for the past five (5) years to the present and the dates of their respective operation of such USTs and/or UST systems.
4. The name and address of each person that owned the property where the USTs and/or UST systems are currently located for the past five (5) years to the present, and the dates of their respective ownership.
5. A copy of the most recent completed Notifications and Certifications for each UST and UST systems at the Franklin Eagle Mart submitted to the State, as required by the statute RCRA § 9002, 42 U.S. C. § 6991a, and the regulations 9 VAC 25-580-70 and 9 VAC 25-580-120.
6. During the March 31, 2010 inspection the Franklin Eagle Mart representative indicated that the Franklin Eagle Mart was not selling or dispensing any diesel fuel or gasoline. The Facility representative stated that the last fuel delivery occurred on 1/19/10, and the last fuel sale occurred on 2/1/10. EPA inspectors printed an "Inventory Report" from the VR TLS-350 ATG monitoring system inside the building. The "Inventory Report" indicated that "T1: Diesel" contained 7.89 inches (314 gallons) of diesel fuel and "T2: Regular" contained 7.67 inches (302 gallons) of gasoline. Please provide the following information regarding each UST or UST system at the Franklin Eagle Mart described and/or required to be identified under paragraphs 1, above:
  - a. the date any UST or UST system at the Franklin Eagle Mart was closed, placed out-of-service, abandoned, or removed, pursuant to the terms 9 VAC 25-580-310 - 9 VAC 25-580-350;
  - b. the date any UST or UST system was returned to service, and the date any such UST or UST system was subsequently closed, placed out-of-service, abandoned, or removed;
  - c. the date any UST or UST system at the Franklin Eagle Mart was emptied of regulated substances, the amount and type of regulated substance removed from each such UST or UST system, and the amount and type of regulated substance remaining in each such UST or UST system;

- d. the date any UST or UST system underwent a change-of-service ("change-in-service" is defined in 9 VAC 25-580-320; and
- e. all documentation relating to the information requested in paragraphs 7(a)-(d);

7. During the March 31, 2010 EPA inspection, EPA inspectors printed the "Leak Test Report" for both USTs (Tank 1 and Tank 2). The "Leak Test Report" dated March 31, 2010 indicated invalid results for a 0.2 gal/hr leak detection test for both USTs. EPA inspectors also printed the "Tank Leak Test History" for Tank 1, which indicated passing release detection results on January 26, 2009, September 28, 2009, October 5, 2009, and October, 26 2009.

However, Franklin Eagle Mart representatives stated that they do not use the VR TLS-350 ATG as its primary form of release detection. Franklin Eagle Mart representatives indicated that they print out sales data and tank inventory report data generated from the VR TLS-350 ATG. They then enter this data into a computer, and send the data to NJPO at the end of each month for monthly SIR. Please indicate by stating "Yes" or "No", has release detection pursuant to 9 VAC 25-580-130 and 9 VAC 25-580-160 been provided for the USTs from August 2006 to the present?

If "Yes", provide the following information for each UST:

- a. A detailed description of the release detection methods used for each UST and/or UST systems (Tank 1 & Tank 2) at Franklin Eagle Mart from August 2006 to the present;
- b. the date such release detection methods were first provided;
- c. the date, if any, such release detection methods were discontinued; and
- d. provide copies of monthly leak detection records from August 2006 to the present.

If "No", provide the following information:

- a. state the date since each UST had been without a method of release detection;
- b. explain in detail why each UST (Tank 1 & Tank 2) does not have a method of release detection; and
- c. describe in detail plans to install a valid method of release detection for each UST (Tank 1 & Tank 2) in accordance with 9 VAC 25-580-130 and 9 VAC 25-580-160.

8. At the time of the inspection, Franklin Eagle Mart representatives provided copies of LTTs and ALLD tests for the underground piping and leak detectors affiliated with Tank 1 and Tank 2. The tests were conducted on December 5, 2007, December 12, 2008, and November 3, 2009, and the results of each test are summarized in the chart below.

**LTT and ALLD Test Results for  
December 5, 2007, December 12, 2008, and November 3, 2009**

Date	LTT		ALLD Test	
	Tank 1	Tank 2	Tank 1	Tank 2
12/5/2007	Pass	Pass	Fail	Pass
12/11/2008	Inconclusive	Inconclusive	Pass	Pass
11/3/2009	Pass	Pass	Pass	Pass

As shown in the chart above, the December 5, 2007 ALLD test for Tank 1 indicated a "Fail" result. Please provide the following information regarding the "Fail" result for the ALLD test for Tank 1:

- a. describe in detail any follow-up measures taken after the "Fail" ALLD test result for Tank 1 on December 5, 2007 and indicate the date when such follow-up measures were taken;
- b. provide documentation of any testing of the ALLD for Tank 1 subsequent to the December 5, 2007 "Fail" result in accordance 9 VAC 25-580-130 and 9 VAC 25-580-170; and
- c. provide documentation of any repairs and/or maintenance completed to fix the ALLD for Tank 1.

As shown in the chart above, the December 11, 2008 LTTs for Tank 1 and Tank 2 indicated an "Inconclusive" result. Please provide the following information regarding the "Inconclusive" results for the LTTs for Tank 1 and Tank 2:

- a. describe in detail any follow-up measures taken after the "Inconclusive" LTT results for Tank 1 and Tank 2 on December 11, 2008 and indicate the date when such follow-up measures were taken;
- b. provide documentation of any subsequent LTT(s) for Tank 1 and Tank 2 after the "Inconclusive" result on December 11, 2008 in accordance 9 VAC 25-580-130 and 9 VAC 25-580-170; and
- c. provide documentation of any repairs and/or maintenance completed for Tank 1 and Tank 2 subsequent to the December 11, 2008 "Inconclusive" results.

9. Based on information provided by the VADEQ prior to the inspection, the USTs at Franklin Eagle Mart are constructed of steel and the piping is constructed of FRP. Cathodic protection tests conducted on November 3, 2009, December 11, 2008 and December 5, 2007 reveal that Tank 1 and Tank 2 may be cathodically protected by sacrificial anodes. The sacrificial anode cathodic protection tests indicated passing results for Tank 1 and Tank 2 on November 3, 2009, December 11, 2008 and December 5, 2007.

However, each of the cathodic protection tests conducted on November 3, 2009, December 11, 2008 and December 5, 2007 indicated "Fail" results for underground metal piping components located under the dispensers affiliated with Tank 1 and Tank 2, and in the sumps containing the Submersible Turbine Pumps ("STP") affiliated with Tank 1 and Tank 2. In accordance with 9 VAC 25-580-50 and 9 VAC 25-580-60, underground metal piping components in contact with the ground require cathodic protection. Please answer "Yes" or "No," is cathodic protection provided for the underground metal piping components affiliated with Tank 1 and Tank 2 at the Franklin Eagle Mart?

If "Yes", then provide the following information:

- a. describe the method of cathodic protection provided for the underground metal piping components as required by 9 VAC 25-580-50 and 9 VAC 25-580-60 and the dates such methods were provided;
- b. provide documentation of passing cathodic protection testing for the metal piping components every three years as required by 9 VAC 25-580-90-2;

If "No", then provide the following information:

- a. state the date the underground metal piping components have been without a method of cathodic protection,
- b. explain in detail why the underground metal piping components do not have a method of cathodic protection; and
- c. describe in detail plans to install cathodic protection for the underground metal piping components.

10. At the time of the inspection, Franklin Eagle Mart did not have documentation of financial responsibility as required by 9 VAC 25-590 for Tank 1 and Tank 2. Please provide documentation demonstrating financial responsibility as required by 9 VAC 25-590 for the two (2) USTs at Franklin Eagle Mart from August 2006 to the present.



All information required by this letter must be submitted to this office no later than **fifteen (15)** calendar days from the date of your receipt of this letter to:

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**Andrew Ma**  
**Environmental Scientist**  
**U.S. EPA, Region III**  
**Office of Land Enforcement (3LC70)**  
**1650 Arch Street**  
**Philadelphia, PA 19103**

## **CERTIFICATION**

On the last page of your response to this Information Request, you must also include the following signed and dated certification:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

As used herein, the term "documents" means: writings (handwritten, typed or otherwise produced or reproduced) and includes, but is not limited to, any invoices, checks, receipts, bills of lading, weight receipts, toll receipts, correspondence, offers, contracts, agreements, deeds, leases, manifests, licenses, permits, bids, proposals, policies of insurance, logs, books of original entry, minutes of meetings, memoranda, notes, calendar or daily entries, agendas, bulletins, notices, announcements, charts, maps, photographs, drawings, manuals, brochures, reports of scientific study or investigation, schedules, price lists, telegrams, teletypes, phono-records, magnetic voice, or video records, tapes, summaries, magnetic tapes, punch cards, recordings, discs, computer printouts, or other data compilations from which information can be obtained or translated.

With regard to the Small Business Regulatory Enforcement and Fairness Act (SBREFA), please see the "Information for Small Businesses" memo, enclosed, which might be applicable to your company. This enclosure provides information on contacting the SBREFA Ombudsman to comment on federal enforcement and compliance activities and also provides information on compliance assistance. As noted in the enclosure, any decision to participate in such program or to seek compliance assistance does not relieve you of your obligation to respond in a timely manner to an EPA request or other enforcement action, create any rights or defenses under law, and will not affect EPA's decision to pursue this enforcement action. To preserve your legal rights, you must comply with all rules governing the administrative enforcement process. The Ombudsman and fairness boards do not participate in the resolution of EPA's enforcement action. EPA has not made a determination as to whether or not you (or your company) are covered by the SBREFA.

Failure to provide this information in the manner requested herein and/or within the specified time may result in the commencement of an enforcement action by EPA pursuant to Section 9006 of RCRA, 42 U.S.C. § 6991e.

All terms used herein shall have the same meanings as provided in 40 C.F.R. Part 280.

This collection of information requirement is not subject to review by the Office of Management and Budget pursuant to the Paperwork Reduction Act, 44 U.S.C. §§ 3501-3520.

You are entitled to assert a claim of business confidentiality covering any part or all of the submitted information in the manner described in volume 40 of the Code of Federal Regulations ("C.F.R"), Section 2.203(b). Information subject to a claim of business confidentiality will be made available to the public only in accordance with the procedures set forth in 40 C.F.R. Part 2, Subpart B. Unless a business confidentiality claim is asserted at the time the information is submitted, EPA Region III may make such information available to the public without further notice to you.

If you have any questions concerning this matter, please contact Andrew Ma of my staff at 215-814-3429.

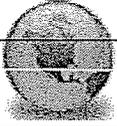
Sincerely,



Carol Amend, Associate Director  
Land & Chemicals Division  
Office of Land Enforcement

Enclosures

cc: R. Ellison (VADEQ)  
T. DiFiore (EPA)  
A. Ma (EPA)



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Adnan Kiriscioglu, President

Franklin Eagle Mart Corp.

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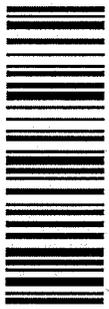
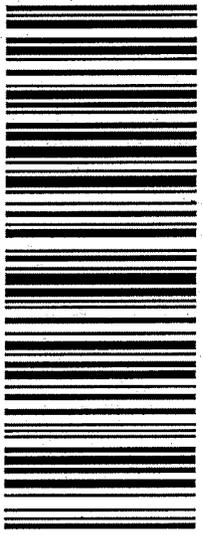
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**Customers with a Daily Pickup**  
 Your driver will pickup your shipment(s) as usual.

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<p>ANDREW MA (31C70)                  215-814-3429                  US EPA                  1650 ARCH ST                  PHILADELPHIA PA 19103</p> <p><b>SHIP TO:</b>                  ADNAN KIRISCIOGLU, PRESIDENT                  FRANKLIN EAGLE MART CORP.                  TAMAR ARKLAN, GENERAL MANAGER                  1397 CARRSVILLE HIGHWAY                  FRANKLIN VA 23851-3916</p>	<p><b>1.0 LBS LTR</b></p> <p><b>1 OF 1</b></p>	<p><b>VA 232 9-10</b></p> 	<p><b>UPS NEXT DAY AIR</b></p> <p><b>1</b></p> <p>TRACKING #: 1Z A43 F71 24 9481 5851</p>		<p>BILLING: P/P                  SIGNATURE REQUIRED</p> <p style="text-align: right; font-size: small;">CS 13.1.13. WXPRT0 15.0A 04/2011</p> 
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EPA 695



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III

1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

Via UPS

Adnan Kiriscioglu  
President, Franklin Eagle Mart Corp.  
2664 Rt. 112  
Medford, NY 11763

10 JUN 2011

RE: Request for information pursuant to Section 9005 of the Resource Conservation and Recovery Act ("RCRA"), as amended, 42 U.S.C. §§ 6991d, regarding underground storage tanks located at Pure d/b/a Franklin Eagle Mart, 1397 Carrsville Highway, Franklin, VA 23851.

REFERENCE NUMBER: I-11-048(c)

Dear Mr. Kiriscioglu:

Subtitle I of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §§ 6991-6991i ("RCRA"), and regulations promulgated pursuant thereto at 40 C.F.R. Part 280, regulate underground storage tanks ("USTs") used to contain regulated substances including, but not limited to, petroleum products (e.g., gasoline and crude oil). In order to conduct any study, take any corrective action, or enforce the provisions of Subtitle I, Section 9005(a) of RCRA, 42 U.S.C. § 6991d(a), authorizes the U.S. Environmental Protection Agency ("EPA"), among other things, to require owners and/or operators of USTs to furnish information relating to such tanks, their associated equipment, and their contents. EPA believes you may be an owner and/or operator of USTs located at Pure d/b/a Franklin Eagle Mart, 1397 Carrsville Highway, Franklin, Virginia 23851 ("Franklin Eagle Mart" or "the Facility").

1. Based upon information gathered by EPA during the March 31, 2010 inspection at the Franklin Eagle Mart, EPA understands that Franklin Eagle Mart operates one (1) diesel UST, and one (1) regular gasoline UST described in the chart below.

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Fiberglass Reinforced Plastic ("FRP")  
O - Denotes relative gasoline grade  
Cathodically Protected - ("CP")

Please state whether or not the above information is correct. If any of the above information is not correct: a) identify the information that is not correct; b) describe, in detail, the reasons why the identified information is not correct and provide documentation supporting any assertion of incorrectness; and c) provide the correct information with your response.

2. The name and address of each owner ("owner" is defined in 9 VAC 25-580-10) of all USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Franklin Eagle Mart, and the dates of their respective ownership of such USTs and/or UST systems for the past five (5) years to the present.
3. The name and address of each operator ("operator" is defined in 9 VAC 25-580-10) of the USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Franklin Eagle Mart for the past five (5) years to the present and the dates of their respective operation of such USTs and/or UST systems.
4. The name and address of each person that owned the property where the USTs and/or UST systems are currently located for the past five (5) years to the present, and the dates of their respective ownership.
5. A copy of the most recent completed Notifications and Certifications for each UST and UST systems at the Franklin Eagle Mart submitted to the State, as required by the statute RCRA § 9002, 42 U.S. C. § 6991a, and the regulations 9 VAC 25-580-70 and 9 VAC 25-580-120.
6. During the March 31, 2010 inspection the Franklin Eagle Mart representative indicated that the Franklin Eagle Mart was not selling or dispensing any diesel fuel or gasoline. The Facility representative stated that the last fuel delivery occurred on 1/19/10, and the last fuel sale occurred on 2/1/10. EPA inspectors printed an "Inventory Report" from the VR TLS-350 ATG monitoring system inside the building. The "Inventory Report" indicated that "T1: Diesel" contained 7.89 inches (314 gallons) of diesel fuel and "T2: Regular" contained 7.67 inches (302 gallons) of gasoline. Please provide the following information regarding each UST or UST system at the Franklin Eagle Mart described and/or required to be identified under paragraphs 1, above:
  - a. the date any UST or UST system at the Franklin Eagle Mart was closed, placed out-of-service, abandoned, or removed, pursuant to the terms 9 VAC 25-580-310 - 9 VAC 25-580-350;
  - b. the date any UST or UST system was returned to service, and the date any such UST or UST system was subsequently closed, placed out-of-service, abandoned, or removed;
  - c. the date any UST or UST system at the Franklin Eagle Mart was emptied of regulated substances, the amount and type of regulated substance removed from each such UST or UST system, and the

amount and type of regulated substance remaining in each such UST or UST system;

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- d. the date any UST or UST system underwent a change-of-service ("change-in-service" is defined in 9 VAC 25-580-320; and
- e. all documentation relating to the information requested in paragraphs 7(a)-(d);

7. During the March 31, 2010 EPA inspection, EPA inspectors printed the "Leak Test Report" for both USTs (Tank 1 and Tank 2). The "Leak Test Report" dated March 31, 2010 indicated invalid results for a 0.2 gal/hr leak detection test for both USTs. EPA inspectors also printed the "Tank Leak Test History" for Tank 1, which indicated passing release detection results on January 26, 2009, September 28, 2009, October 5, 2009, and October, 26 2009.

However, Franklin Eagle Mart representatives stated that they do not use the VR TLS-350 ATG as its primary form of release detection. Franklin Eagle Mart representatives indicated that they print out sales data and tank inventory report data generated from the VR TLS-350 ATG. They then enter this data into a computer, and send the data to NJPO at the end of each month for monthly SIR. Please indicate by stating "Yes" or "No", has release detection pursuant to 9 VAC 25-580-130 and 9 VAC 25-580-160 been provided for the USTs from August 2006 to the present?

If "Yes", provide the following information for each UST:

- a. A detailed description of the release detection methods used for each UST and/or UST systems (Tank 1 & Tank 2) at Franklin Eagle Mart from August 2006 to the present;
- b. the date such release detection methods were first provided;
- c. the date, if any, such release detection methods were discontinued; and
- d. provide copies of monthly leak detection records from August 2006 to the present.

If "No", provide the following information:

- a. state the date since each UST had been without a method of release detection;
- b. explain in detail why each UST (Tank 1 & Tank 2) does not have a method of release detection; and

- c. describe in detail plans to install a valid method of release detection for each UST (Tank 1 & Tank 2) in accordance with 9 VAC 25-580-130 and 9 VAC 25-580-160.

8. At the time of the inspection, Franklin Eagle Mart representatives provided copies of LTTs and ALLD tests for the underground piping and leak detectors affiliated with Tank 1 and Tank 2. The tests were conducted on December 5, 2007, December 12, 2008, and November 3, 2009, and the results of each test are summarized in the chart below.

**LTT and ALLD Test Results for  
December 5, 2007, December 12, 2008, and November 3, 2009**

Date	LTT		ALLD Test	
	Tank 1	Tank 2	Tank 1	Tank 2
12/5/2007	Pass	Pass	Fail	Pass
12/11/2008	Inconclusive	Inconclusive	Pass	Pass
11/3/2009	Pass	Pass	Pass	Pass

As shown in the chart above, the December 5, 2007 ALLD test for Tank 1 indicated a "Fail" result. Please provide the following information regarding the "Fail" result for the ALLD test for Tank 1:

- a. describe in detail any follow-up measures taken after the "Fail" ALLD test result for Tank 1 on December 5, 2007 and indicate the date when such follow-up measures were taken;
- b. provide documentation of any testing of the ALLD for Tank 1 subsequent to the December 5, 2007 "Fail" result in accordance 9 VAC 25-580-130 and 9 VAC 25-580-170; and
- c. provide documentation of any repairs and/or maintenance completed to fix the ALLD for Tank 1.

As shown in the chart above, the December 11, 2008 LTTs for Tank 1 and Tank 2 indicated an "Inconclusive" result. Please provide the following information regarding the "Inconclusive" results for the LTTs for Tank 1 and Tank 2:

- a. describe in detail any follow-up measures taken after the "Inconclusive" LTT results for Tank 1 and Tank 2 on December 11, 2008 and indicate the date when such follow-up measures were taken;
- b. provide documentation of any subsequent LTT(s) for Tank 1 and Tank 2 after the "Inconclusive" result on

- c. provide documentation of any repairs and/or maintenance completed for Tank 1 and Tank 2 subsequent to the December 11, 2008 "Inconclusive" results.
9. Based on information provided by the VADEQ prior to the inspection, the USTs at Franklin Eagle Mart are constructed of steel and the piping is constructed of FRP. Cathodic protection tests conducted on November 3, 2009, December 11, 2008 and December 5, 2007 reveal that Tank 1 and Tank 2 may be cathodically protected by sacrificial anodes. The sacrificial anode cathodic protection tests indicated passing results for Tank 1 and Tank 2 on November 3, 2009, December 11, 2008 and December 5, 2007.

However, each of the cathodic protection tests conducted on November 3, 2009, December 11, 2008 and December 5, 2007 indicated "Fail" results for underground metal piping components located under the dispensers affiliated with Tank 1 and Tank 2, and in the sumps containing the Submersible Turbine Pumps ("STP") affiliated with Tank 1 and Tank 2. In accordance with 9 VAC 25-580-50 and 9 VAC 25-580-60, underground metal piping components in contact with the ground require cathodic protection. Please answer "Yes" or "No," is cathodic protection provided for the underground metal piping components affiliated with Tank 1 and Tank 2 at the Franklin Eagle Mart?

If "Yes", then provide the following information:

- a. describe the method of cathodic protection provided for the underground metal piping components as required by 9 VAC 25-580-50 and 9 VAC 25-580-60 and the dates such methods were provided;
- b. provide documentation of passing cathodic protection testing for the metal piping components every three years as required by 9 VAC 25-580-90-2;

If "No", then provide the following information:

- a. state the date the underground metal piping components have been without a method of cathodic protection,
- b. explain in detail why the underground metal piping components do not have a method of cathodic protection; and
- c. describe in detail plans to install cathodic protection for the underground metal piping components.

10. At the time of the inspection, Franklin Eagle Mart did not have documentation of financial responsibility as required by 9 VAC 25-590 for Tank 1 and Tank 2. Please provide documentation demonstrating financial responsibility as required by 9 VAC 25-590 for the two (2) USTs at Franklin Eagle Mart from August 2006 to the present.

All information required by this letter must be submitted to this office no later than **fifteen (15)** calendar days from the date of your receipt of this letter to:

**Andrew Ma  
Environmental Scientist  
U.S. EPA, Region III  
Office of Land Enforcement (3LC70)  
1650 Arch Street  
Philadelphia, PA 19103**

### **CERTIFICATION**

On the last page of your response to this Information Request, you must also include the following signed and dated certification:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

As used herein, the term "documents" means: writings (handwritten, typed or otherwise produced or reproduced) and includes, but is not limited to, any invoices, checks, receipts, bills of lading, weight receipts, toll receipts, correspondence, offers, contracts, agreements, deeds, leases, manifests, licenses, permits, bids, proposals, policies of insurance, logs, books of original entry, minutes of meetings, memoranda, notes, calendar or daily entries, agendas, bulletins, notices, announcements, charts, maps, photographs, drawings, manuals, brochures, reports of scientific study or investigation, schedules, price lists, telegrams, teletypes, phono-records, magnetic voice, or video records, tapes, summaries, magnetic tapes, punch cards, recordings, discs, computer printouts, or other data compilations from which information can be obtained or translated.

With regard to the Small Business Regulatory Enforcement and Fairness Act (SBREFA), please see the "Information for Small Businesses" memo, enclosed, which might be applicable to your company. This enclosure provides information on contacting the SBREFA Ombudsman to comment on federal enforcement and compliance activities and also provides information on compliance assistance. As noted in the enclosure, any decision to participate in such program or to seek compliance assistance does not relieve you of your obligation to respond in a timely manner to an EPA request or other enforcement action,

create any rights or defenses under law, and will not affect EPA's decision to pursue this enforcement action. To preserve your legal rights, you must comply with all rules governing the administrative enforcement process. The Ombudsman and fairness boards do not participate in the resolution of EPA's enforcement action. EPA has not made a determination as to whether or not you (or your company) are covered by the SBREFA.

Failure to provide this information in the manner requested herein and/or within the specified time may result in the commencement of an enforcement action by EPA pursuant to Section 9006 of RCRA, 42 U.S.C. § 6991e.

All terms used herein shall have the same meanings as provided in 40 C.F.R. Part 280.

This collection of information requirement is not subject to review by the Office of Management and Budget pursuant to the Paperwork Reduction Act, 44 U.S.C. §§ 3501-3520.

You are entitled to assert a claim of business confidentiality covering any part or all of the submitted information in the manner described in volume 40 of the Code of Federal Regulations ("C.F.R"), Section 2.203(b). Information subject to a claim of business confidentiality will be made available to the public only in accordance with the procedures set forth in 40 C.F.R. Part 2, Subpart B. Unless a business confidentiality claim is asserted at the time the information is submitted, EPA Region III may make such information available to the public without further notice to you.

If you have any questions concerning this matter, please contact Andrew Ma of my staff at 215-814-3429.

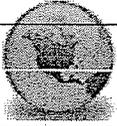
Sincerely,



Carol Amend, Associate Director  
Land & Chemicals Division  
Office of Land Enforcement

Enclosures

cc: R. Ellison (VADEQ)  
T. DiFiore (EPA)  
A. Ma (EPA)



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#### Shipment Detail

Ship To:  
Adnan Kiriscioglu, President  
Franklin Eagle Mart Corp.  
2664 ROUTE 112  
MEDFORD  
NY  
11763  
US

Number of Packages: 1  
UPS Service: NEXT DAY AIR  
Weight: 1.0 LBS

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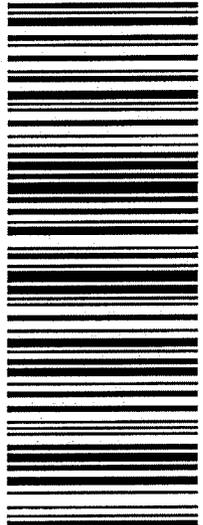
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2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.
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**Customers without a Daily Pickup**  
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 Hand the package to any UPS driver in your area.  
 Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services<sup>SM</sup> (including via Ground) are also accepted at Drop Boxes.  
 To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.  
  
**Customers with a Daily Pickup**  
 Your driver will pickup your shipment(s) as usual.

FOLD HERE

<p>ANDREW MA (31C70) 215-814-3429 US EPA 1650 ARCH ST PHILADELPHIA PA 19103</p> <p><b>SHIP TO:</b> ADNAN KIRISCIOGLU, PRESIDENT FRANKLIN EAGLE MART CORP. 2664 RT. 112 <b>MEDFORD NY 11763-2522</b></p>	<p style="text-align: right;">1.0 LBS LTR    1 OF 1</p> <p style="font-size: 2em; font-weight: bold; text-align: center;">NY 117 0-02</p> 	<p style="font-size: 2em; font-weight: bold; text-align: center;">1</p> <p>UPS NEXT DAY AIR</p> <p>TRACKING #: 1Z A43 F71 24 9027 3846</p> 	<p style="text-align: center;">BILLING: P/P SIGNATURE REQUIRED</p>  <p style="font-size: 0.8em; text-align: center;">CS 13.1.13.    WXPBE70 15.0A 04/2011</p>
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EPA 705



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

Via UPS

Adnan Kiriscioglu  
President, Rt. 58 Food Mart, Inc.  
Tamer Arklan  
General Manager  
Pure d/b/a Rt. 58 Food Mart  
8917 S. Quay Road  
Suffolk, VA 23437

08 JUN 2011

RE: Request for information pursuant to Section 9005 of the Resource Conservation and Recovery Act ("RCRA"), as amended, 42 U.S.C. §§ 6991d, regarding underground storage tanks located at Pure d/b/a Rt. 58 Food Mart, 8917 S. Quay Road, Suffolk, VA 23437.

REFERENCE NUMBER: I-11-047(a)

Dear Sirs:

Subtitle I of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §§ 6991-6991i ("RCRA"), and regulations promulgated pursuant thereto at 40 C.F.R. Part 280, regulate underground storage tanks ("USTs") used to contain regulated substances including, but not limited to, petroleum products (*e.g.*, gasoline and crude oil). In order to conduct any study, take any corrective action, or enforce the provisions of Subtitle I, Section 9005(a) of RCRA, 42 U.S.C. § 6991d(a), authorizes the U.S. Environmental Protection Agency ("EPA"), among other things, to require owners and/or operators of USTs to furnish information relating to such tanks, their associated equipment, and their contents. EPA believes you may be an owner and/or operator of USTs located at Pure d/b/a Rt. 58 Food Mart, 8917 S. Quay Road, Suffolk, VA 23437 ("Rt. 58 Food Mart" or "the Facility").

Pursuant to Section 9005(a) of RCRA, 42 U.S.C. §6991d(a), and as a follow-up to the EPA inspection on March 31, 2010 (a copy of the inspection report is attached) of the Facility, you are required to provide to EPA Region III the information requested below for the Facility.

1. Based upon information gathered by EPA during the March 31, 2010 inspection at the Rt. 58 Food Mart, EPA understands that the Rt. 58 Food Mart operates one (1) super gasoline UST, one (1) regular gasoline UST, and one (1) plus gasoline UST described in the chart below.

Tank Number	Material Stored	Capacity (Gallons)	Installation Date	Tank Construction	Piping Construction Material
1	Gasoline (super)	8,000	8/1/88	SW cathodically-protected Steel	SW FRP
2	Gasoline (regular)	8,000	8/1/88	SW cathodically-protected steel	SW FRP
3	Gasoline (plus)	8,000	8/1/88	SW cathodically-protected steel	SW FRP

Fiberglass Reinforced Plastic ("FRP")

() - Denotes relative gasoline grade

Single-Walled ("SW")

Cathodically Protected - ("CP")

Please state whether or not the above information is correct. If any of the above information is not correct: a) identify the information that is not correct; b) describe, in detail, the reasons why the identified information is not correct and provide documentation supporting any assertion of incorrectness; and c) provide the correct information with your response.

2. The name and address of each owner ("owner" is defined in 9 VAC 25-580-10) of all USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Rt. 58 Food Mart, and the dates of their respective ownership of such USTs and/or UST systems for the past five (5) years to the present.
3. The name and address of each operator ("operator" is defined in 9 VAC 25-580-10) of the USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Rt. 58 Food Mart for the past five (5) years to the present and the dates of their respective operation of such USTs and/or UST systems.
4. The name and address of each person that owned the property where the USTs and/or UST systems are currently located for the past five (5) years to the present, and the dates of their respective ownership.
5. A copy of the most recent completed Notifications and Certifications for each UST and UST system at the Rt. 58 Food Mart submitted to the State, as required by the statute RCRA § 9002, 42 U.S. C. § 6991a, and the regulations 9 VAC 25-580-70 and 9 VAC 25-580-120.
6. During the March 31, 2010 inspection the Rt. 58 Food Mart representative indicated that the gas station was not selling any gasoline. EPA inspectors printed an "Inventory Report" from the VR TLS-300 ATG monitoring system inside the building. The "Inventory Report" dated March 31, 2010 indicated that "T1: Super" contained 9.53 inches (415 gallons) of gasoline, "T2: Reg. Unleaded" contained 7.31 inches (281 gallons) of gasoline, and "T3: Unleaded Plus" contained 5.96 inches (208 gallons) of gasoline. Please provide the following information regarding each UST or UST system at the Rt. 58 Food Mart described and/or required to be identified under paragraphs 1, above:
  - a. the date any UST or UST system at the Rt. 58 Food Mart was closed, placed out-of-service, abandoned, or removed, pursuant to the terms 9 VAC 25-580-310 - 9 VAC 25-580-350;



- b. the date any UST or UST system was returned to service, and the date any such UST or UST system was subsequently closed, placed out-of-service, abandoned, or removed;
  - c. the date any UST or UST system at the Rt. 58 Food Mart was emptied of regulated substances, the amount and type of regulated substance removed from each such UST or UST system, and the amount and type of regulated substance remaining in each such UST or UST system;
  - d. the date any UST or UST system underwent a change-of-service ("change-in-service" is defined in 9 VAC 25-580-320; and
  - e. all documentation relating to the information requested in paragraphs 7(a)-(d);
7. During the March 31, 2010 EPA inspection, EPA inspectors printed the "Leak Test Report" for all three (3) USTs (Tank 1 – Tank 3). The "Leak Test Report" indicated invalid results for a 0.2 gal/hr leak detection test for each UST. EPA inspectors also printed the "Tank Leak Test History" for each UST, and the "Tank Leak Test History" is summarized in the chart below.

**Tank Leak Test History Results from the  
VR TLS-300 ATG Monitoring System**

	Tank 1	Tank 2	Tank 3
Aug-05		Pass	Pass
Sep-05			
Oct-05	Pass		Pass
Nov-05	Pass		Pass
Dec-05			
Jan-06	Pass	Pass	
Feb-06	Pass		Pass
Mar-06			
Apr-06	Pass		Pass
May-06	Pass	Pass	
Jun-06	Pass	Pass	
Jul-06			
Aug-06			
Sep-06		Pass	
Oct-06			
Nov-06			
Dec-06			Pass
Jan-07			
Feb-07			
Mar-07			
Apr-07			
May-07			
Jun-07			
Jul-07			
Aug-07	Pass		
Sep-07	Pass		Pass



The "Pass" results in the Tank Leak History Results summarized in the chart above indicate the latest monthly passing 0.2 gal per hour tank release detection test for each tank. The results indicate that the last passing 0.2 gal per hour tank release detection test for Tank 1 and Tank 3 occurred in September 2007. The latest passing 0.2 gal per hour tank release detection test for Tank 2 occurred in September 2006. The Tank Leak History Results printed during the inspection also indicate that there were no passing ATG release detection results for Tank 1 from September 2007 to the present; for Tank 2 from September 2006 to the present; and for Tank 3 from September 2007 to the present.

During the inspection, the Rt. 58 Food Mart representatives stated that they do not use the VR TLS-300 ATG as the primary form of release detection. They print out sales data and tank inventory report data generated from the VR TLS-300 ATG, enter the data into a computer, and send the data to NJPO at the end of each month for monthly SIR. The "Product Inventory Monthly Reconciliation Forms" provided by NJPO representatives after the inspection are not a valid form of release detection in accordance with UST release detection requirements in 9 VAC 25-580-130 and 9 VAC 25-580-160. Please indicate by stating "Yes" or "No", has release detection pursuant to 9 VAC 25-580-130 and 9 VAC 25-580-160 been provided for the USTs from August 2006 to the present?

If "Yes", provide the following information for each UST:

- a. a detailed description of the release detection methods used for each UST and/or UST system (Tank 1 – Tank 3) at the Rt. 58 Food Mart from August 2006 to the present;
- b. the date such release detection methods were first provided;
- c. the date, if any, such release detection methods were discontinued; and
- d. provide copies of monthly leak detection records from August 2006 to the present.

If "No", provide the following information:

- a. state the date since each UST had been without a method of release detection;
- b. explain in detail why each UST (Tank 1 – Tank 3) does not have a method of release detection; and
- c. describe in detail plans to install a valid method of release detection for each UST (Tank 1 – Tank 3) in accordance with 9 VAC 25-580-130 and 9 VAC 25-580-160.

8. Based on information provided by the VADEQ prior to the inspection, the USTs at Rt. 58 Food Mart are constructed of steel and the piping is constructed of FRP. Cathodic protection tests provided by NJPO for November 3, 2009, November 25, 2008 and December 6, 2007 indicate all three (3) USTs may be cathodically protected by sacrificial anodes. The test of the



sacrificial anode cathodic protection system on November 25, 2008 indicated passing results for each UST.

However, each of the cathodic protection tests conducted on November 3, 2009, November 25, 2008 and December 6, 2007 indicated "Fail" results for underground metal piping components located under the dispensers affiliated with each UST, and in the sumps containing the STP affiliated with each UST. In accordance with 9 VAC 25-580-50 and 9 VAC 25-580-60, underground metal piping components in contact with the ground require cathodic protection. Please answer "Yes" or "No," is cathodic protection provided for the underground metal piping components affiliated with Tank 1 – Tank 3?

If "Yes", then provide the following information:

- a. describe the method of cathodic protection provided for the underground metal piping components as required by 9 VAC 25-580-50 and 9 VAC 25-580-60 and the dates such methods were provided;
- b. provide documentation of passing cathodic protection testing for the metal piping components every three years as required by 9 VAC 25-580-90-2;

If "No", then provide the following information:

- a. state the date the underground metal piping components have been without a method of cathodic protection,
- b. explain in detail why the underground metal piping components do not have a method of cathodic protection; and
- c. describe in detail plans to install cathodic protection for the underground metal piping components.

9. At the time of the inspection, Rt. 58 Food Mart did not have documentation of financial assurance as required by 9 VAC 25-590. On May 13, 2010, NJPO emailed copies of insurance coverage for the three (3) underground tanks at the Facility. The documentation indicates two separate policies, one with coverage from October 25, 2006 to October 20, 2007, and the other policy indicating coverage from October 20, 2007 to October 20, 2008. The insurance policy does not indicate an address or location of the USTs covered under the policy, and also included was a "Notice of Cancellation of Insurance" dated February 5, 2008, which may indicate that the insurance coverage for the Rt. 58 Food Mart was canceled. Please provide documentation demonstrating financial responsibility as required by 9 VAC 25-590 for the three (3) USTs at the Rt. 58 Food Mart from August 2006 to the present.



All information required by this letter must be submitted to this office no later than **fifteen (15)** calendar days from the date of your receipt of this letter to:

**Andrew Ma  
Environmental Scientist  
U.S. EPA, Region III  
Office of Land Enforcement (3LC70)  
1650 Arch Street  
Philadelphia, PA 19103**

## **CERTIFICATION**

On the last page of your response to this Information Request, you must also include the following signed and dated certification:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

As used herein, the term "documents" means: writings (handwritten, typed or otherwise produced or reproduced) and includes, but is not limited to, any invoices, checks, receipts, bills of lading, weight receipts, toll receipts, correspondence, offers, contracts, agreements, deeds, leases, manifests, licenses, permits, bids, proposals, policies of insurance, logs, books of original entry, minutes of meetings, memoranda, notes, calendar or daily entries, agendas, bulletins, notices, announcements, charts, maps, photographs, drawings, manuals, brochures, reports of scientific study or investigation, schedules, price lists, telegrams, teletypes, phono-records, magnetic voice, or video records, tapes, summaries, magnetic tapes, punch cards, recordings, discs, computer printouts, or other data compilations from which information can be obtained or translated.

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If you have any questions concerning this matter, please contact Andrew Ma of my staff at 215-814-3429.

Sincerely,



Carol Amend, Associate Director  
Land & Chemicals Division  
Office of Land Enforcement

Enclosures

cc: R. Ellison (VADEQ)  
T. DiFiore (EPA)  
A. Ma (EPA)



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**Delivery Location:** RECEIVER  
**Signed by:** HALKK

### Shipment Detail

**Ship To:**  
Adnan Kiriscioglu, President  
Rt. 58 Food Mart, Inc.  
8917 S QUAY RD  
SUFFOLK  
VA  
23437  
US

**Number of Packages:** 1  
**UPS Service:** NEXT DAY AIR  
**Weight:** 1.0 LBS

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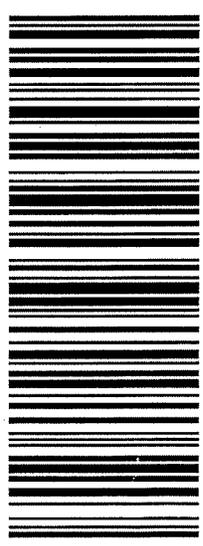
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FOLD HERE

<p>ANDREW MA (9LC70) 215-814-3429 US, EPA 1650 ARCH ST PHILADELPHIA PA 19103</p> <p><b>SHIP TO:</b> ADNAN KIRISCIUGLU, PRESIDENT RT. 58 FOOD MART, INC. C/O TAMER ARKLAN, GENERAL MANAGER PURE D/B/A RT. 58 FOOD MART 8917 S. QUAY ROAD <b>SUFFOLK VA 23437-9220</b></p>	<p><b>1.0 LBS LTR</b></p> <p style="text-align: right;"><b>1 OF 1</b></p>	<p><b>VA 236 9-04</b></p> 	<p><b>UPS NEXT DAY AIR</b></p> <p style="font-size: 2em; font-weight: bold; text-align: center;">1</p> <p>TRACKING #: 1Z A43 F71 24 9066 5888</p> 	<p>BILLING: P/P SIGNATURE REQUIRED</p>  <p style="font-size: 8px; text-align: center;">CS 13.1.13. WXP270 15.0A 04/2011</p>
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EPA 715



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

Via UPS

Adnan Kiriscioglu  
President  
Rt. 58 Food Mart, Inc.  
c/o New Jersey Petroleum Organization  
8012 Tonnelle Avenue  
North Bergen, New Jersey 07047

10 8 JUN 2011

RE: Request for information pursuant to Section 9005 of the Resource Conservation and Recovery Act ("RCRA"), as amended, 42 U.S.C. §§ 6991d, regarding underground storage tanks located at Pure d/b/a Rt. 58 Food Mart, 8917 S. Quay Road, Suffolk, VA 23437.

REFERENCE NUMBER: I-11-047(b)

Dear Mr. Kiriscioglu:

Subtitle I of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §§ 6991-6991i ("RCRA"), and regulations promulgated pursuant thereto at 40 C.F.R. Part 280, regulate underground storage tanks ("USTs") used to contain regulated substances including, but not limited to, petroleum products (*e.g.*, gasoline and crude oil). In order to conduct any study, take any corrective action, or enforce the provisions of Subtitle I, Section 9005(a) of RCRA, 42 U.S.C. § 6991d(a), authorizes the U.S. Environmental Protection Agency ("EPA"), among other things, to require owners and/or operators of USTs to furnish information relating to such tanks, their associated equipment, and their contents. EPA believes you may be an owner and/or operator of USTs located at Pure d/b/a Rt. 58 Food Mart, 8917 S. Quay Road, Suffolk, VA 23437 ("Rt. 58 Food Mart" or "the Facility").

Pursuant to Section 9005(a) of RCRA, 42 U.S.C. §6991d(a), and as a follow-up to the EPA inspection on March 31, 2010 (a copy of the inspection report is attached) of the Facility, you are required to provide to EPA Region III the information requested below for the Facility.

1. Based upon information gathered by EPA during the March 31, 2010 inspection at the Rt. 58 Food Mart, EPA understands that the Rt. 58 Food Mart operates one (1) super gasoline UST, one (1) regular gasoline UST, and one (1) plus gasoline UST described in the chart below.

Tank Number	Material Stored	Capacity (Gallons)	Installation Date	Tank Construction	Piping Construction Material
1	Gasoline (super)	8,000	8/1/88	SW cathodically-protected Steel	SW FRP
2	Gasoline (regular)	8,000	8/1/88	SW cathodically-protected steel	SW FRP
3	Gasoline (plus)	8,000	8/1/88	SW cathodically-protected steel	SW FRP

Fiberglass Reinforced Plastic ("FRP")

() - Denotes relative gasoline grade

Single-Walled ("SW")

Cathodically Protected - ("CP")

Please state whether or not the above information is correct. If any of the above information is not correct: a) identify the information that is not correct; b) describe, in detail, the reasons why the identified information is not correct and provide documentation supporting any assertion of incorrectness; and c) provide the correct information with your response.

2. The name and address of each owner ("owner" is defined in 9 VAC 25-580-10) of all USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Rt. 58 Food Mart, and the dates of their respective ownership of such USTs and/or UST systems for the past five (5) years to the present.
3. The name and address of each operator ("operator" is defined in 9 VAC 25-580-10) of the USTs and/or UST systems ("USTs" and "UST systems" are defined in 9 VAC 25-580-10) located at the Rt. 58 Food Mart for the past five (5) years to the present and the dates of their respective operation of such USTs and/or UST systems.
4. The name and address of each person that owned the property where the USTs and/or UST systems are currently located for the past five (5) years to the present, and the dates of their respective ownership.
5. A copy of the most recent completed Notifications and Certifications for each UST and UST system at the Rt. 58 Food Mart submitted to the State, as required by the statute RCRA § 9002, 42 U.S. C. § 6991a, and the regulations 9 VAC 25-580-70 and 9 VAC 25-580-120.
6. During the March 31, 2010 inspection the Rt. 58 Food Mart representative indicated that the gas station was not selling any gasoline. EPA inspectors printed an "Inventory Report" from the VR TLS-300 ATG monitoring system inside the building. The "Inventory Report" dated March 31, 2010 indicated that "T1: Super" contained 9.53 inches (415 gallons) of gasoline, "T2: Reg. Unleaded" contained 7.31 inches (281 gallons) of gasoline, and "T3: Unleaded Plus" contained 5.96 inches (208 gallons) of gasoline. Please provide the following information regarding each UST or UST system at the Rt. 58 Food Mart described and/or required to be identified under paragraphs 1, above:
  - a. the date any UST or UST system at the Rt. 58 Food Mart was closed, placed out-of-service, abandoned, or removed, pursuant to the terms 9 VAC 25-580-310 - 9 VAC 25-580-350;



- b. the date any UST or UST system was returned to service, and the date any such UST or UST system was subsequently closed, placed out-of-service, abandoned, or removed;
  - c. the date any UST or UST system at the Rt. 58 Food Mart was emptied of regulated substances, the amount and type of regulated substance removed from each such UST or UST system, and the amount and type of regulated substance remaining in each such UST or UST system;
  - d. the date any UST or UST system underwent a change-of-service ("change-in-service" is defined in 9 VAC 25-580-320; and
  - e. all documentation relating to the information requested in paragraphs 7(a)-(d);
7. During the March 31, 2010 EPA inspection, EPA inspectors printed the "Leak Test Report" for all three (3) USTs (Tank 1 – Tank 3). The "Leak Test Report" indicated invalid results for a 0.2 gal/hr leak detection test for each UST. EPA inspectors also printed the "Tank Leak Test History" for each UST, and the "Tank Leak Test History" is summarized in the chart below.

**Tank Leak Test History Results from the  
VR TLS-300 ATG Monitoring System**

	Tank 1	Tank 2	Tank 3
Aug-05		Pass	Pass
Sep-05			
Oct-05	Pass		Pass
Nov-05	Pass		Pass
Dec-05			
Jan-06	Pass	Pass	
Feb-06	Pass		Pass
Mar-06			
Apr-06	Pass		Pass
May-06	Pass	Pass	
Jun-06	Pass	Pass	
Jul-06			
Aug-06			
Sep-06		Pass	
Oct-06			
Nov-06			
Dec-06			Pass
Jan-07			
Feb-07			
Mar-07			
Apr-07			
May-07			
Jun-07			
Jul-07			
Aug-07	Pass		
Sep-07	Pass		Pass



The "Pass" results in the Tank Leak History Results summarized in the chart above indicate the latest monthly passing 0.2 gal per hour tank release detection test for each tank. The results indicate that the last passing 0.2 gal per hour tank release detection test for Tank 1 and Tank 3 occurred in September 2007. The latest passing 0.2 gal per hour tank release detection test for Tank 2 occurred in September 2006. The Tank Leak History Results printed during the inspection also indicate that there were no passing ATG release detection results for Tank 1 from September 2007 to the present; for Tank 2 from September 2006 to the present; and for Tank 3 from September 2007 to the present.

During the inspection, the Rt. 58 Food Mart representatives stated that they do not use the VR TLS-300 ATG as the primary form of release detection. They print out sales data and tank inventory report data generated from the VR TLS-300 ATG, enter the data into a computer, and send the data to NJPO at the end of each month for monthly SIR. The "Product Inventory Monthly Reconciliation Forms" provided by NJPO representatives after the inspection are not a valid form of release detection in accordance with UST release detection requirements in 9 VAC 25-580-130 and 9 VAC 25-580-160. Please indicate by stating "Yes" or "No", has release detection pursuant to 9 VAC 25-580-130 and 9 VAC 25-580-160 been provided for the USTs from August 2006 to the present?

If "Yes", provide the following information for each UST:

- a. a detailed description of the release detection methods used for each UST and/or UST system (Tank 1 – Tank 3) at the Rt. 58 Food Mart from August 2006 to the present;
- b. the date such release detection methods were first provided;
- c. the date, if any, such release detection methods were discontinued; and
- d. provide copies of monthly leak detection records from August 2006 to the present.

If "No", provide the following information:

- a. state the date since each UST had been without a method of release detection;
- b. explain in detail why each UST (Tank 1 – Tank 3) does not have a method of release detection; and
- c. describe in detail plans to install a valid method of release detection for each UST (Tank 1 – Tank 3) in accordance with 9 VAC 25-580-130 and 9 VAC 25-580-160.

8. Based on information provided by the VADEQ prior to the inspection, the USTs at Rt. 58 Food Mart are constructed of steel and the piping is constructed of FRP. Cathodic protection tests provided by NJPO for November 3, 2009, November 25, 2008 and December 6, 2007 indicate all three (3) USTs may be cathodically protected by sacrificial anodes. The test of the



sacrificial anode cathodic protection system on November 25, 2008 indicated passing results for each UST.

However, each of the cathodic protection tests conducted on November 3, 2009, November 25, 2008 and December 6, 2007 indicated "Fail" results for underground metal piping components located under the dispensers affiliated with each UST, and in the sumps containing the STP affiliated with each UST. In accordance with 9 VAC 25-580-50 and 9 VAC 25-580-60, underground metal piping components in contact with the ground require cathodic protection. Please answer "Yes" or "No," is cathodic protection provided for the underground metal piping components affiliated with Tank 1 – Tank 3?

If "Yes", then provide the following information:

- a. describe the method of cathodic protection provided for the underground metal piping components as required by 9 VAC 25-580-50 and 9 VAC 25-580-60 and the dates such methods were provided;
- b. provide documentation of passing cathodic protection testing for the metal piping components every three years as required by 9 VAC 25-580-90-2;

If "No", then provide the following information:

- a. state the date the underground metal piping components have been without a method of cathodic protection,
- b. explain in detail why the underground metal piping components do not have a method of cathodic protection; and
- c. describe in detail plans to install cathodic protection for the underground metal piping components.

9. At the time of the inspection, Rt. 58 Food Mart did not have documentation of financial assurance as required by 9 VAC 25-590. On May 13, 2010, NJPO emailed copies of insurance coverage for the three (3) underground tanks at the Facility. The documentation indicates two separate policies, one with coverage from October 25, 2006 to October 20, 2007, and the other policy indicating coverage from October 20, 2007 to October 20, 2008. The insurance policy does not indicate an address or location of the USTs covered under the policy, and also included was a "Notice of Cancellation of Insurance" dated February 5, 2008, which may indicate that the insurance coverage for the Rt. 58 Food Mart was canceled. Please provide documentation demonstrating financial responsibility as required by 9 VAC 25-590 for the three (3) USTs at the Rt. 58 Food Mart from August 2006 to the present.



All information required by this letter must be submitted to this office no later than **fifteen (15)** calendar days from the date of your receipt of this letter to:

**Andrew Ma  
Environmental Scientist  
U.S. EPA, Region III  
Office of Land Enforcement (3LC70)  
1650 Arch Street  
Philadelphia, PA 19103**

**CERTIFICATION**

On the last page of your response to this Information Request, you must also include the following signed and dated certification:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

As used herein, the term "documents" means: writings (handwritten, typed or otherwise produced or reproduced) and includes, but is not limited to, any invoices, checks, receipts, bills of lading, weight receipts, toll receipts, correspondence, offers, contracts, agreements, deeds, leases, manifests, licenses, permits, bids, proposals, policies of insurance, logs, books of original entry, minutes of meetings, memoranda, notes, calendar or daily entries, agendas, bulletins, notices, announcements, charts, maps, photographs, drawings, manuals, brochures, reports of scientific study or investigation, schedules, price lists, telegrams, teletypes, phono-records, magnetic voice, or video records, tapes, summaries, magnetic tapes, punch cards, recordings, discs, computer printouts, or other data compilations from which information can be obtained or translated.

With regard to the Small Business Regulatory Enforcement and Fairness Act (SBREFA), please see the "Information for Small Businesses" memo, enclosed, which might be applicable to your company. This enclosure provides information on contacting the SBREFA Ombudsman to comment on federal enforcement and compliance activities and also provides information on compliance assistance. As noted in the enclosure, any decision to participate in such program or to seek compliance assistance does not relieve you of your obligation to respond in a timely manner to an EPA request or other enforcement action, create any rights or defenses under law, and will not affect EPA's decision to pursue this enforcement action. To preserve your legal rights, you must comply with all rules governing the administrative enforcement process. The Ombudsman and fairness boards do not participate in the resolution of EPA's enforcement action. EPA has not made a determination as to whether or not you (or your company) are covered by the SBREFA.

Failure to provide this information in the manner requested herein and/or within the specified time may result in the commencement of an enforcement action by EPA pursuant to Section 9006 of RCRA, 42 U.S.C. § 6991e.



All terms used herein shall have the same meanings as provided in 40 C.F.R. Part 280.

This collection of information requirement is not subject to review by the Office of Management and Budget pursuant to the Paperwork Reduction Act, 44 U.S.C. §§ 3501-3520.

You are entitled to assert a claim of business confidentiality covering any part or all of the submitted information in the manner described in volume 40 of the Code of Federal Regulations ("C.F.R"), Section 2.203(b). Information subject to a claim of business confidentiality will be made available to the public only in accordance with the procedures set forth in 40 C.F.R. Part 2, Subpart B. Unless a business confidentiality claim is asserted at the time the information is submitted, EPA Region III may make such information available to the public without further notice to you.

If you have any questions concerning this matter, please contact Andrew Ma of my staff at 215-814-3429.

Sincerely,



Carol Amend, Associate Director  
Land & Chemicals Division  
Office of Land Enforcement

Enclosures

cc: R. Ellison (VADEQ)  
T. DiFiore (EPA)  
A. Ma (EPA)





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Rt. 58 Food Mart, Inc.  
8012 TONNELLE AVE  
NORTH BERGEN  
NJ  
07047  
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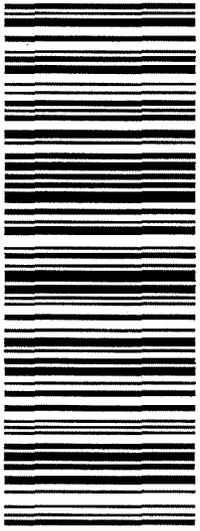
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FOLD HERE

<p>ANDREW MA (3LC70) 215-814-3429 US EPA 1650 ARCH ST PHILADELPHIA PA 19103</p> <p><b>SHIP TO:</b> ADNAN KIRISCIOGLU, PRESIDENT RT. 58 FOOD MART, INC. C/O NEW JERSEY PETROLEUM ORG. 8012 TONNELLE AVENUE NORTH BERGEN NJ 07047-4622</p>	<p>NJ 070 9-05</p> 	<p><b>UPS NEXT DAY AIR</b></p> <p>TRACKING #: 1Z A43 F71 24 9158 5909</p>		<p>BILLING: P/P SIGNATURE REQUIRED</p>  <p>CS 13.1.13. WPE70 15.0A 04/2011</p>
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EPA 725



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

VIA UPS OVERNIGHT

Adnan Kiriscioglu  
President, Aylin, Inc.  
c/o New Jersey Petroleum Organization  
8012 Tonelle Avenue  
North Bergen, NJ 07047

MAR 14 2012

Adnan Kiriscioglu  
President, Aylin, Inc.  
1397 Carrsville Highway  
Franklin, VA 23851

Adnan Kiriscioglu  
President, Aylin, Inc.  
Tamar Arklan  
General Manager  
Pure Gas Station  
5703 Holland Road  
Suffolk, VA 23437

RE: **Opportunity to Show Cause**

Dear Sirs:

This letter is in reference to an ongoing investigation by the U.S. Environmental Protection Agency, Region III ("EPA"), of the facility you owned and/or operated located at Pure Gas Station, 5703 Holland Road, Suffolk, VA 23437 ("Facility"). As you know, EPA inspected the Facility on March 30, 2010, to examine compliance with Subtitle I of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. § 6991 *et seq.* ("RCRA"), and regulations promulgated thereto found at 40 C.F.R. Part 280.

Subtitle I of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §§ 6991-6991i ("RCRA"), and regulations promulgated pursuant thereto at 40 C.F.R. Part 280, regulate underground storage tanks ("USTs") used to contain regulated substances including, but not limited to, petroleum products (*e.g.*, gasoline and crude oil). The specific regulations which EPA has reason to believe have been violated are found in the Commonwealth of Virginia's federally authorized UST management program. Effective October 28, 1998, pursuant to Section 9004 of RCRA, 42 U.S.C. § 6991*c*, and 40 C.F.R. Part 281, Subpart A, the Commonwealth of Virginia was granted final authorization to administer a state UST management program ("Virginia UST management program") in lieu of the Federal underground storage tank management program established under Subtitle I of RCRA. The provisions of the Virginia UST management program, through this final authorization, are enforceable by EPA pursuant to Section 9006 of RCRA, 42 U.S.C. § 6991*e*. The Virginia UST management program regulations are set forth in the Virginia

EPA 726

Administrative Code ("VAC"), Title 9, Agency 25, Chapter 580, Sections 10 *et seq.* A copy of the Virginia UST management program regulations is enclosed with this letter.

Section 9006(a)-(d) of RCRA, 42 U.S.C. §§ 6991e(a)-(d) authorizes EPA to take an enforcement action whenever it is determined that a person is in violation of any requirement of RCRA Subtitle I, EPA's regulations thereunder, or any regulation of a state UST program which has been authorized by EPA. Under Section 9006(d) of RCRA, 42 U.S.C. § 6991e(d), EPA may assess a civil penalty against any person who, among other things, violates any requirement of the applicable federal or state UST program. Violators are subject to, among other things, the assessment of a civil penalty per violation of not more than \$11,000 for each day of non-compliance. See also, U.S. EPA Penalty Guidance for Violations of UST Regulations, OSWER Directive 9610.12 (November 14, 1990), <http://www.epa.gov/oust/directiv/od961012.htm>.

Based on the information currently available to EPA, EPA believes that you are an owner and/or operator of the USTs at the Facility, and have violated Subtitle I of RCRA and the Commonwealth of Virginia's authorized UST program. EPA believes that there is a sufficient basis for the issuance of an administrative complaint seeking the assessment of a civil penalty for the violations described below. Prior to issuing such a complaint, EPA is providing you with an opportunity to confer with EPA in order to: 1) show cause as to why EPA should not issue an administrative complaint; and 2) engage in settlement discussions with EPA.

1. 9 VAC § 25-580-140 requires that tanks be monitored at least every 30 days for releases using one of the methods listed in 9 VAC § 25-580-160. You failed to monitor each of Tanks 1, 2, 3, and 4 for releases every 30 days from at least May 1, 2007, to June 2, 2011, and from July 3, 2011, to the present.
2. 9 VAC § 25-580-60-3 requires that metal piping that routinely contains regulated substances and is in contact with the ground be cathodically protected. You failed to provide the required cathodic protection for the underground metal piping components associated with Tanks 1, 2, 3, and 4 from March 30, 2010, to the present.
3. 9 VAC § 25-580-90-3 requires that the impressed current cathodic protection system be inspected every 60 days. You failed to inspect the impressed current cathodic protection system for the underground metal piping associated with Tanks 1, 2, 3, and 4 for the following periods: from at least May 1, 2007, to April 3, 2008, and from June 3, 2008, to August 3, 2011, and from October 3, 2011, to the present.
4. 9 VAC § 25-580-90.2 requires that the impressed current cathodic protection system be inspected for proper operation by a qualified cathodic protection tester every three years. You failed to test the impressed current cathodic protection system for the underground metal piping associated with Tanks 1, 2, 3, and 4 from July 31, 2009, to August 3, 2011.
5. 9 VAC § 25-580-140 requires annual line tightness testing of the piping associated with underground storage tanks. You failed to perform the required annual line tightness test for the pressurized piping associated with Tanks 1, 2, and 4 from at least May 1, 2007, to April 3, 2008, and from April 4, 2009, to the present. You also failed to perform the required annual line tightness test for the pressurized piping associated with Tank 3 from at least May 1, 2007, to April 3, 2008, and from April 4, 2009, to July 14, 2011.

6. 9 VAC § 25-580-170 requires an annual test of the operation of the piping's automatic line leak detector in accordance with the manufacturer's requirements. You failed to perform the required annual line leak detector test for the piping associated with each of Tanks 1, 2, 3, and 4 from at least March 1, 2007, to April 3, 2008, and from April 4, 2009, to the present.
7. 9 VAC § 25-590-40(b)(1) requires owners and operators of up to 100 petroleum underground storage tanks to demonstrate financial responsibility for taking corrective action and for compensating third parties for bodily injury and property damage caused by accidental releases arising from the operation of petroleum underground storage tanks in at least an annual aggregate amount of \$1 million. You failed to meet the requirement to provide this annual amount of insurance for the Tanks 1, 2, and 3 from October 20, 2007, to July 28, 2011.

If you wish to take advantage of this opportunity to discuss this matter with EPA prior to the filing of an administrative complaint, you should contact EPA within twenty (20) calendar days after your receipt of this letter by calling Andrew Ma at (215) 814-3429.

Please be advised, however, that EPA may issue an administrative complaint and compliance order at any time after thirty days of the issuance of this Request to Show Cause, unless an agreement in principle is reached, or you provide information to EPA showing that violations have not occurred.

To the extent that there are ongoing violations at the Facility, these violations should be corrected immediately. EPA specifically reserves the right to use any and all enforcement tools at its disposal to address past and/or ongoing violations at the Facility, including, but not limited to, the imposition of civil penalties.

If you have any questions concerning this matter, please contact Andrew Ma of my staff at 215-814-3429.

Sincerely,



Carol Amend, Associate Director  
Land & Chemicals Division  
Office of Land Enforcement

Enclosures

cc: A. Ma (3LC70)  
J. Sharke (3RC50)





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<b>Special Instructions:</b>	Signature Required
<b>Shipped/Billed On:</b>	03/15/2012
<b>Delivered On:</b>	03/21/2012 10:07 A.M.
<b>Delivered To:</b>	NORTH BERGEN, NJ, US
<b>Signed By:</b>	NATALIA
<b>Left At:</b>	Front Desk

Thank you for giving us this opportunity to serve you.

Sincerely,

UPS

Tracking results provided by UPS: 03/26/2012 9:41 A.M. ET

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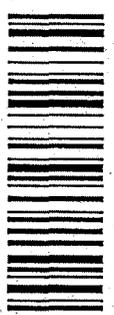
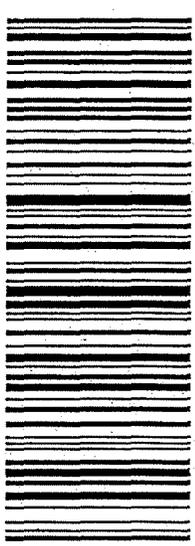
**EPA 730**

UPS CampusShip: View/Print Label

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2. Fold the printed sheet containing the label at the line so that the entire shipping label is visible. Place the label on a single side of the package and cover it completely with clear plastic shipping tape. Do not cover any seams or closures on the package with the label. Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.
3. **GETTING YOUR SHIPMENT TO UPS**  
 UPS locations include the UPS Store®, UPS drop boxes, UPS customer centers, authorized retail outlets and UPS drivers.  
 Find your closest UPS location at: [www.ups.com/dropoff](http://www.ups.com/dropoff)  
 Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

**Customers with a Daily Pickup**  
 Your driver will pickup your shipment(s) as usual.

FOLD HERE

JUANITA WOODYARD 215-814-3206 US EPA 1650 ARCH ST PHILADELPHIA PA 19103	0.0 LBS LTR 1 OF 1	<b>SHIP TO:</b> ADNAN KIRJSCIOGLUE PRESIDENT, AYLIN, INC. 1397 CARRSVILLE HIGHWAY FRANKLIN VA 23851-3916	VA 232 9-10 	UPS NEXT DAY AIR TRACKING #: 1Z A43 F71 24 9203 0630 	BILLING: P/P SIGNATURE REQUIRED 
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EPA 731



**Proof of Delivery**

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Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

**Tracking Number:** 1ZA43F712492030630  
**Service:** UPS Next Day Air®  
**Special Instructions:** Signature Required  
**Shipped/Billed On:** 03/15/2012  
**Delivered On:** 03/21/2012 11:38 A.M.  
**Delivered To:** FRANKLIN, VA, US  
**Signed By:** OSHMAN  
**Left At:** Receiver

Thank you for giving us this opportunity to serve you.

Sincerely,

UPS

Tracking results provided by UPS: 03/26/2012 9:42 A.M. ET

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**EPA 732**

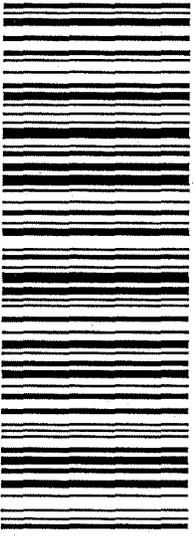
UPS CampusShip: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
2. **Fold the printed sheet containing the label at the line so that the entire shipping label is visible.** Place the label on a single side of the package and cover it completely with clear plastic shipping tape. Do not cover any seams or closures on the package with the label. Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.
3. **GETTING YOUR SHIPMENT TO UPS**  
**UPS locations include the UPS Store®, UPS drop boxes, UPS customer centers, authorized retail outlets and UPS drivers.**  
 Find your closest UPS location at: [www.ups.com/dropoff](http://www.ups.com/dropoff)  
 Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

**Customers with a Daily Pickup**

Your driver will pickup your shipment(s) as usual.

FOLD HERE

<p>JUANITA WOODYARD          215-814-3206          US EPA          1650 ARCH ST          PHILADELPHIA PA 19103</p> <p><b>SHIP TO:</b>          ADNAN KIRISCIOGLU          PURE GAS STATION          5703 HOLLAND ROAD          TAMAR ARKLAN, GEN. MGR.          PRESIDENT, AYLIN INC.  <b>SUFFOLK VA 23437-9564</b></p>	<p>0.0 LBS LTR</p> <p>1 OF 1</p>	<p><b>VA 236 9-04</b></p> 	<p><b>UPS NEXT DAY AIR</b></p> <p>TRACKING #: 1Z A43 F71 24 9428 8645</p> 	<p>BILLING: P/P          SIGNATURE REQUIRED</p>  <p>CS 14.1.10. WNTIE70 24.0A 01/2012</p>
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EPA 733



Proof of Delivery

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Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

**Tracking Number:** 1ZA43F712494288645  
**Service:** UPS Next Day Air®  
**Special Instructions:** Signature Required  
**Shipped/Billed On:** 03/15/2012  
**Delivered On:** 03/21/2012 3:52 P.M.  
**Delivered To:** SUFFOLK, VA, US  
**Signed By:** AHOLIN  
**Left At:** Office

Thank you for giving us this opportunity to serve you.

Sincerely,

UPS

Tracking results provided by UPS: 03/26/2012 9:43 A.M. ET

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EPA 734



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

VIA UPS OVERNIGHT

Adnan Kiriscioglu  
President, Rt. 58 Food Mart, Inc.  
c/o New Jersey Petroleum Organization  
8012 Tonelle Avenue  
North Bergen, NJ 07047

MAR 14 2012

Adnan Kiriscioglu  
President, Rt. 58 Food Mart, Inc.  
Tamar Arklan  
General Manager  
Pure d/b/a Rt. 58 Food Mart  
8917 S. Quay Road  
Suffolk, VA 23437

RE: **Opportunity to Show Cause**

Dear Sirs:

This letter is in reference to an ongoing investigation by the U.S. Environmental Protection Agency, Region III ("EPA"), of the facility you owned and/or operated located at Pure d/b/a Rt. 58 Food Mart, 8917 S. Quay Road, Suffolk, Virginia 23437 ("Facility"). As you know, EPA inspected the Facility on March 31, 2010, to examine compliance with Subtitle I of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. § 6991 *et seq.* ("RCRA"), and regulations promulgated thereto found at 40 C.F.R. Part 280.

Subtitle I of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §§ 6991-6991i ("RCRA"), and regulations promulgated pursuant thereto at 40 C.F.R. Part 280, regulate underground storage tanks ("USTs") used to contain regulated substances including, but not limited to, petroleum products (*e.g.*, gasoline and crude oil). The specific regulations which EPA has reason to believe have been violated are found in the Commonwealth of Virginia's federally authorized UST management program. Effective October 28, 1998, pursuant to Section 9004 of RCRA, 42 U.S.C. § 6991c, and 40 C.F.R. Part 281, Subpart A, the Commonwealth of Virginia was granted final authorization to administer a state UST management program ("Virginia UST management program") in lieu of the Federal underground storage tank management program established under Subtitle I of RCRA. The provisions of the Virginia UST management program, through this final authorization, are enforceable by EPA pursuant to Section 9006 of RCRA, 42 U.S.C. § 6991e. The Virginia UST management program regulations are set forth in the Virginia Administrative Code ("VAC"), Title 9, Agency 25, Chapter 580, Sections 10 *et seq.* A copy of the Virginia UST management program regulations is enclosed with this letter.

EPA 735

Section 9006(a)-(d) of RCRA, 42 U.S.C. §§ 6991e(a)-(d) authorizes EPA to take an enforcement action whenever it is determined that a person is in violation of any requirement of RCRA Subtitle I, EPA's regulations thereunder, or any regulation of a state UST program which has been authorized by EPA. Under Section 9006(d) of RCRA, 42 U.S.C. § 6991e(d), EPA may assess a civil penalty against any person who, among other things, violates any requirement of the applicable federal or state UST program. Violators are subject to, among other things, the assessment of a civil penalty per violation of not more than \$11,000 for each day of non-compliance. See also, U.S. EPA Penalty Guidance for Violations of UST Regulations, OSWER Directive 9610.12 (November 14, 1990), <http://www.epa.gov/oust/directiv/od961012.htm>.

Based on the information currently available to EPA, EPA believes that you are an owner and/or operator of the USTs at the Facility, and have violated Subtitle I of RCRA and the Commonwealth of Virginia's authorized UST program. EPA believes that there is a sufficient basis for the issuance of an administrative complaint seeking the assessment of a civil penalty for the violations described below. Prior to issuing such a complaint, EPA is providing you with an opportunity to confer with EPA in order to: 1) show cause as to why EPA should not issue an administrative complaint; and 2) engage in settlement discussions with EPA.

1. 9 VAC § 25-580-140 requires that tanks be monitored at least every 30 days for releases using one of the methods listed in 9 VAC § 25-580-160. You failed to monitor Tank 1 for releases every 30 days during the following periods: from at least May 1, 2007, to August 18, 2007, and from October 17, 2007, to July 25, 2011. You also failed to monitor Tank 2 for releases every 30 days from at least May 1, 2007, to July 25, 2011. You also failed to monitor Tank 3 for releases every 30 days from at least May 1, 2007, to September 29, 2007, and from October 31, 2007, to July 25, 2011.
2. 9 VAC § 25-580-60-3 requires that metal piping that routinely contains regulated substances and is in contact with the ground be cathodically protected. You failed to provide the required cathodic protection for the underground metal piping components associated with Tanks 1, 2, and 3 from December 6, 2007, to August 3, 2011.
3. 9 VAC § 25-580-140 requires annual line tightness testing of the piping associated with underground storage tanks. You failed to perform the required annual line tightness test for the pressurized piping associated with Tank 1 from December 6, 2008, to November 2, 2009, and from November 4, 2010, to July 25, 2011. You also failed to perform the required annual line tightness test for the pressurized piping associated with Tanks 2 and 3 from November 4, 2010, to July 25, 2011.
4. 9 VAC § 25-580-170 requires an annual test of the operation of the piping's automatic line leak detector in accordance with the manufacturer's requirements. You failed to perform the required annual line leak detector test for the piping associated with Tank 1 from December 6, 2008, to November 2, 2009, and from November 4, 2010, to July 25, 2011. You also failed to perform the required annual line leak detector test for the piping associated with Tanks 2 and 3 from November 4, 2010, to July 25, 2011.
5. 9 VAC § 25-590-40(b)(1) requires owners and operators of up to 100 petroleum underground storage tanks to demonstrate financial responsibility for taking corrective action and for compensating third parties for bodily injury and property damage caused by accidental releases arising from the operation of petroleum underground storage tanks in at least an annual aggregate amount of \$1 million. You failed to meet the requirement to

provide this annual amount of insurance for the Tanks 1, 2, and 3 from February 5, 2008, to July 28, 2011.

If you wish to take advantage of this opportunity to discuss this matter with EPA prior to the filing of an administrative complaint, you should contact EPA within twenty (20) calendar days after your receipt of this letter by calling Andrew Ma at (215) 814-3429.

Please be advised, however, that EPA may issue an administrative complaint and compliance order at any time after thirty days of the issuance of this Request to Show Cause, unless an agreement in principle is reached, or you provide information to EPA showing that violations have not occurred.

To the extent that there are ongoing violations at the Facility, these violations should be corrected immediately. EPA specifically reserves the right to use any and all enforcement tools at its disposal to address past and/or ongoing violations at the Facility, including, but not limited to, the imposition of civil penalties.

If you have any questions concerning this matter, please contact Andrew Ma of my staff at 215-814-3429.

Sincerely,



Carol Amend, Associate Director  
Land & Chemicals Division  
Office of Land Enforcement

Enclosures

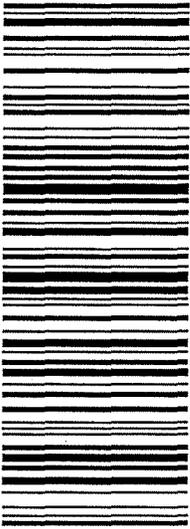
cc: A. Ma (3LC70)  
J. Sharke (3RC50)

UPS CampusShip: View/Print Label

1. Ensure there are no other shipping or tracking labels attached to your package. Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
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3. **GETTING YOUR SHIPMENT TO UPS**  
 UPS locations include the UPS Store®, UPS drop boxes, UPS customer centers, authorized retail outlets and UPS drivers.  
 Find your closest UPS location at: [www.ups.com/dropoff](http://www.ups.com/dropoff)  
 Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

**Customers with a Daily Pickup**  
 Your driver will pickup your shipment(s) as usual.

FOLD HERE

<p>JUANITA WOODYARD          215-814-3206          US EPA          1650 ARCH ST          PHILADELPHIA PA 19103</p> <p><b>SHIP TO:</b>          PRESIDENT, RT. 58 FOOD MART, INC.          ADAN KIRSCIOGLU          8012 TONELLE AVENUE          C/O NEW JERSEY PETROLEUM ORGAN.          NORTH BERGEN NJ 07047-4622</p>	<p>0.0 LBS LTR</p> <p>1 OF 1</p>	<p><b>NJ 070 9-05</b></p> 	<p><b>UPS NEXT DAY AIR</b></p> <p>TRACKING #: 1Z A43 F71 24 9001 6669</p> <p><b>1</b></p> 	<p>BILLING: P/P          SIGNATURE REQUIRED</p>  <p>CS 14.1.10. WNTIE70 24-0A 01/2012</p>
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Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number: 1ZA43F712490016669  
Service: UPS Next Day Air®  
Special Instructions: Signature Required  
Shipped/Billed On: 03/15/2012  
Delivered On: 03/21/2012 10:07 A.M.  
Delivered To: NORTH BERGEN, NJ, US  
Signed By: NATALIA  
Left At: Front Desk

Thank you for giving us this opportunity to serve you.

Sincerely,

UPS

Tracking results provided by UPS: 03/26/2012 9:39 A.M. ET

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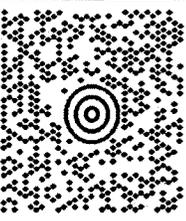
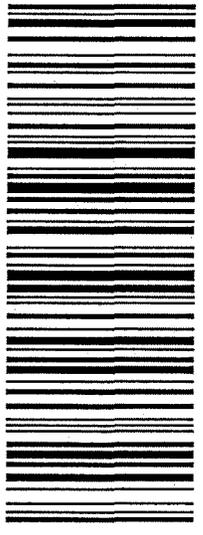
**EPA 739**

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3. **GETTING YOUR SHIPMENT TO UPS**  
 UPS locations include the UPS Store®, UPS drop boxes, UPS customer centers, authorized retail outlets and UPS drivers.  
 Find your closest UPS location at: [www.ups.com/dropoff](http://www.ups.com/dropoff)  
 Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

**Customers with a Daily Pickup**  
 Your driver will pickup your shipment(s) as usual.

FOLD HERE

<p>JUANITA WOODYARD          215-814-3206          US EPA          1650 ARCH ST          PHILADELPHIA PA 19103</p> <p><b>SHIP TO:</b>          ADNAN KIRISCIOGLU          RT. 58 FOOD MART, INC.          8917 S. QUAY ROAD          PURE D/B/A RT. 58 FOOD MART          TAMAR ARKLAN, GENERAL MANAGER          SUFFOLK VA 23437-9220</p>	<p>0.0 LBS LTR 1 OF 1</p> <p><b>VA 236 9-04</b></p>  	<p><b>UPS NEXT DAY AIR</b></p> <p>TRACKING #: 1Z A43 F71 24 9079 0733</p> <p><b>1</b></p>		<p>BILLING: P/P          SIGNATURE REQUIRED</p>  <p>CS 14.1.1.0. WNTIE70 24.0A 01/2012</p>
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EPA 740



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Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

**Tracking Number:** 1ZA43F712490790733  
**Service:** UPS Next Day Air®  
**Special Instructions:** Signature Required  
**Shipped/Billed On:** 03/15/2012  
**Delivered On:** 03/21/2012 3:52 P.M.  
**Delivered To:** SUFFOLK, VA, US  
**Signed By:** AHOLIN  
**Left At:** Office

Thank you for giving us this opportunity to serve you.

Sincerely,

UPS

Tracking results provided by UPS: 03/26/2012 9:40 A.M. ET

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**EPA 741**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

VIA UPS OVERNIGHT

MAR 14 2012

Adnan Kiriscioglu  
President, Franklin Eagle Mart Corp.  
2664 Rte. 112  
Medford, NY 1763

Adnan Kiriscioglu  
President, Franklin Eagle Mart Corp.  
8012 Tonelle Avenue  
North Bergen, NJ 07047

Adnan Kiriscioglu  
President, Franklin Eagle Mart Corp.  
Tamar Arklan  
General Manager  
Pure d/b/a Franklin Eagle Mart  
1397 Carrsville Highway  
Franklin, VA 23851

RE: **Opportunity to Show Cause**

Dear Sirs:

This letter is in reference to an ongoing investigation by the U.S. Environmental Protection Agency, Region III ("EPA"), of the facility you owned and/or operated located at Pure d/b/a Franklin Eagle Mart, 1397 Carrsville Highway, Franklin, Virginia 23851 ("Facility"). As you know, EPA inspected the Facility on March 31, 2010, to examine compliance with Subtitle I of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. § 6991 *et seq.* ("RCRA"), and regulations promulgated thereto found at 40 C.F.R. Part 280.

Subtitle I of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §§ 6991-6991i ("RCRA"), and regulations promulgated pursuant thereto at 40 C.F.R. Part 280, regulate underground storage tanks ("USTs") used to contain regulated substances including, but not limited to, petroleum products (*e.g.*, gasoline and crude oil). The specific regulations which EPA has reason to believe have been violated are found in the Commonwealth of Virginia's federally authorized UST management program. Effective October 28, 1998, pursuant to Section 9004 of RCRA, 42 U.S.C. § 6991c, and 40 C.F.R. Part 281, Subpart A, the Commonwealth of Virginia was granted final authorization to administer a state UST management program ("Virginia UST management program") in lieu of the Federal underground storage tank management program established under Subtitle I of RCRA. The provisions of the Virginia UST management program, through this final authorization, are enforceable by EPA pursuant to Section 9006 of RCRA, 42 U.S.C. § 6991e. The Virginia UST management program regulations are set forth in the Virginia Administrative Code ("VAC"), Title 9, Agency 25, Chapter 580, Sections 10 *et seq.* A copy of the

EPA 742

Virginia UST management program regulations, 9 VAC §§ 25-580-10, *et seq.*, is enclosed with this letter.

Section 9006(a)-(d) of RCRA, 42 U.S.C. §§ 6991e(a)-(d) authorizes EPA to take an enforcement action whenever it is determined that a person is in violation of any requirement of RCRA Subtitle I, EPA's regulations thereunder, or any regulation of a state UST program which has been authorized by EPA. Under Section 9006(d) of RCRA, 42 U.S.C. § 6991e(d), EPA may assess a civil penalty against any person who, among other things, violates any requirement of the applicable federal or state UST program. Violators are subject to, among other things, the assessment of a civil penalty per violation of not more than \$11,000 for each day of non-compliance. See also, U.S. EPA Penalty Guidance for Violations of UST Regulations, OSWER Directive 9610.12 (November 14, 1990), <http://www.epa.gov/oust/directiv/od961012.htm>.

Based on the information currently available to EPA, EPA believes that you are an owner and/or operator of the USTs at the Facility, and have violated Subtitle I of RCRA and the Commonwealth of Virginia's authorized UST program. EPA believes that there is a sufficient basis for the issuance of an administrative complaint seeking the assessment of a civil penalty for the violations described below. Prior to issuing such a complaint, EPA is providing you with an opportunity to confer with EPA in order to: 1) show cause as to why EPA should not issue an administrative complaint; and 2) engage in settlement discussions with EPA.

1. 9 VAC § 25-580-140 requires that tanks be monitored at least every 30 days for releases using one of the methods listed in 9 VAC § 25-580-160. You failed to monitor Tank 1 for releases at least every 30 days for the following periods: from at least May 1, 2007, to January 25, 2009; from February 26, 2009, to September 27, 2009; and from November 26, 2009, to July 25, 2011. You also failed to monitor Tank 2 for releases at least every 30 days from at least May 1, 2007, to July 25, 2011.
2. 9 VAC § 25-580-60-3 requires that metal piping that routinely contains regulated substances and is in contact with the ground be cathodically protected. You failed to provide the required cathodic protection for the underground metal piping components associated with Tanks 1 and 2 from December 5, 2007, to August 3, 2011.
3. 9 VAC § 25-580-140 requires annual line tightness testing of the piping associated with underground storage tanks. You failed to perform the required annual line tightness test for Tanks 1 and 2 from December 6, 2008, to November 2, 2009, and from November 4, 2010, to July 25, 2011.
4. 9 VAC § 25-580-170 requires an annual test of the operation of the piping's automatic line leak detector in accordance with the manufacturer's requirements. You failed to perform the required annual line leak detector test for the piping associated with Tank 1 from December 5, 2007, to December 10, 2008, and from November 4, 2010, to July 25, 2011. You also failed to perform the required annual line leak detector test for the piping associated with Tank 2 from November 4, 2010, to July 25, 2011.
5. 9 VAC § 25-590-40(b)(1) requires owners and operators of up to 100 petroleum underground storage tanks to demonstrate financial responsibility for taking corrective action and for compensating third parties for bodily injury and property damage caused by accidental releases arising from the operation of petroleum underground storage tanks in at least an annual aggregate amount of \$1 million. You failed to meet the requirement to

provide this annual amount of insurance for the Tanks 1 and 2 from at least May 1, 2007, to July 28, 2011.

If you wish to take advantage of this opportunity to discuss this matter with EPA prior to the filing of an administrative complaint, you should contact EPA within twenty (20) calendar days after your receipt of this letter by calling Andrew Ma at (215) 814-3429.

Please be advised, however, that EPA may issue an administrative complaint and compliance order at any time after thirty days of the issuance of this Request to Show Cause, unless an agreement in principle is reached, or you provide information to EPA showing that violations have not occurred.

To the extent that there are ongoing violations at the Facility, these violations should be corrected immediately. EPA specifically reserves the right to use any and all enforcement tools at its disposal to address past and/or ongoing violations at the Facility, including, but not limited to, the imposition of civil penalties.

If you have any questions concerning this matter, please contact Andrew Ma of my staff at 215-814-3429.

Sincerely,



Carol Amend, Associate Director  
Land & Chemicals Division  
Office of Land Enforcement

Enclosures

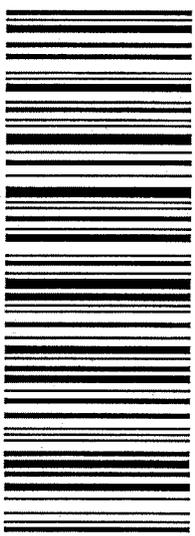
cc: A. Ma (3LC70)  
J. Sharke (3RC50)

UPS CampusShip: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
2. **Fold the printed sheet containing the label at the line so that the entire shipping label is visible.** Place the label on a single side of the package and cover it completely with clear plastic shipping tape. Do not cover any seams or closures on the package with the label. Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.
3. **GETTING YOUR SHIPMENT TO UPS**  
**UPS locations include the UPS Store®, UPS drop boxes, UPS customer centers, authorized retail outlets and UPS drivers.**  
 Find your closest UPS location at: [www.ups.com/dropoff](http://www.ups.com/dropoff)  
 Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

**Customers with a Daily Pickup**  
 Your driver will pickup your shipment(s) as usual.

FOLD HERE

<p>JUANITA WOODYARD          215-814-3206          US EPA          1650 ARCH ST          PHILADELPHIA PA 19103</p> <p><b>SHIP TO:</b>          ADAN KIRISCIUGLI, PRESIDENT          FRANKLIN EAGLE MART CORP.          2664 RTE. 112          MEDFORD NY 11763-2522</p>	<p>0.0 LBS LTR</p> <p>1 OF 1</p>	<p><b>NY 117 0-02</b></p> 	<p><b>UPS NEXT DAY AIR</b></p> <p>TRACKING #: 1Z A43 F71 24 9208 8749</p> <p><b>1</b></p> 	<p>BILLING: P/P          SIGNATURE REQUIRED</p>  <p>CS 14.1.10. WNTJIE70 24.0A 01/2012</p>
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EPA 745



Proof of Delivery

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Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

<b>Tracking Number:</b>	1ZA43F712492088749
<b>Service:</b>	UPS Next Day Air®
<b>Special Instructions:</b>	Signature Required
<b>Shipped/Billed On:</b>	03/15/2012
<b>Delivered On:</b>	03/21/2012 9:35 A.M.
<b>Delivered To:</b>	MEDFORD, NY, US
<b>Signed By:</b>	OKSEN
<b>Left At:</b>	Office

Thank you for giving us this opportunity to serve you.

Sincerely,

UPS

Tracking results provided by UPS: 03/26/2012 9:37 A.M. ET

[Print This Page](#)

[Close Window](#)

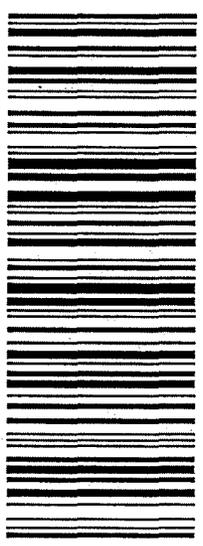
EPA 746

UPS CampusShip: View/Print Label

1. Ensure there are no other shipping or tracking labels attached to your package. Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
2. Fold the printed sheet containing the label at the line so that the entire shipping label is visible. Place the label on a single side of the package and cover it completely with clear plastic shipping tape. Do not cover any seams or closures on the package with the label. Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.
3. **GETTING YOUR SHIPMENT TO UPS**  
 UPS locations include the UPS Store®, UPS drop boxes, UPS customer centers, authorized retail outlets and UPS drivers.  
 Find your closest UPS location at: [www.ups.com/dropoff](http://www.ups.com/dropoff)  
 Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

**Customers with a Daily Pickup**  
 Your driver will pickup your shipment(s) as usual.

FOLD HERE

<p>JUANITA WOODYARD          215-814-3206          US EPA          1650 ARCH ST          PHILADELPHIA PA 19103</p> <p><b>SHIP TO:</b>          ADNAN KIRISCIOGLU, PRESIDENT          FRANKLIN EAGLE MART CORP.          8012 TONELLE AVENUE          NORTH BERGEN NJ 07047-4622</p>	<p>0.0 LBS LTR 1 OF 1</p> <p><b>NJ 070 9-05</b></p> 	<p><b>UPS NEXT DAY AIR</b></p> <p>TRACKING #: 1Z A43 F71 24 9260 6778</p> 	<p>BILLING: P/P          SIGNATURE REQUIRED</p>  <p>CS 14.1.10. WNTIE70 24.0A 01/2012</p>
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EPA 747



Proof of Delivery

[Close Window](#)

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

**Tracking Number:** 1ZA43F712492606778  
**Service:** UPS Next Day Air®  
**Special Instructions:** Signature Required  
**Shipped/Billed On:** 03/15/2012  
**Delivered On:** 03/21/2012 10:07 A.M.  
**Delivered To:** NORTH BERGEN, NJ, US  
**Signed By:** NATALIA  
**Left At:** Front Desk

Thank you for giving us this opportunity to serve you.

Sincerely,

UPS

Tracking results provided by UPS: 03/26/2012 9:34 A.M. ET

[Print This Page](#)

[Close Window](#)

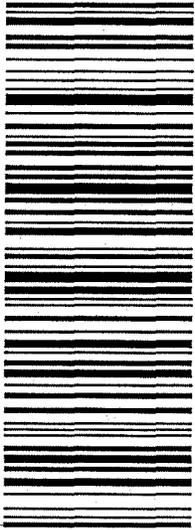
EPA 748

UPS CampusShip: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
2. **Fold the printed sheet containing the label at the line so that the entire shipping label is visible.** Place the label on a single side of the package and cover it completely with clear plastic shipping tape. Do not cover any seams or closures on the package with the label. Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.
3. **GETTING YOUR SHIPMENT TO UPS**  
 UPS locations include the UPS Store®, UPS drop boxes, UPS customer centers, authorized retail outlets and UPS drivers.  
 Find your closest UPS location at: [www.ups.com/dropoff](http://www.ups.com/dropoff)  
 Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, UPS Alliances (Office Depot® or Staples®) or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

**Customers with a Daily Pickup**  
 Your driver will pickup your shipment(s) as usual.

FOLD HERE

<p>JUANITA WOODYARD          215-814-3206          US EPA          1650 ARCH ST          PHILADELPHIA PA 19103</p> <p><b>SHIP TO:</b>          ADNAN KIRSCIOGLU, PRESIDENT          FRANKLIN EAGLE MART CORP.          1397 CARRSVILLE HIGHWAY          PURE D/B/A FRANKLIN EAGLE MART          TAMAR ARKLAN, GENERAL MANAGER          FRANKLIN VA 23851-3916</p>	<p>0.0 LBS LTR</p> <p>1 OF 1</p>	<p><b>VA 232 9-10</b></p> 	<p><b>UPS NEXT DAY AIR</b></p> <p>TRACKING #: 1Z A43 F71 24 9032 0786</p> <p><b>1</b></p> 	<p>BILLING: P/P          SIGNATURE REQUIRED</p>  <p>CS 14-1-10. VANTIE/0 24.0A 01/2012</p>
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EPA 749



Proof of Delivery

[Close Window](#)

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number: 1ZA43F712490320786  
Service: UPS Next Day Air®  
Special Instructions: Signature Required  
Shipped/Billed On: 03/15/2012  
Delivered On: 03/21/2012 11:38 A.M.  
Delivered To: FRANKLIN, VA, US  
Signed By: OSHMAN  
Left At: Receiver

Thank you for giving us this opportunity to serve you.

Sincerely,

UPS

Tracking results provided by UPS: 03/26/2012 9:36 A.M. ET

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EPA 750



June 21, 2011

Andrew Ma  
Environmental Scientist  
US EPA, Region III  
Office of Land Enforcement (3LC70)  
1650 Arch Street  
Philadelphia, PA 19103

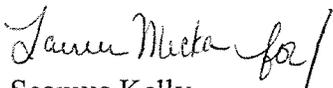
Dear Mr. Ma

Atlantic Environmental Solutions, Inc. (AESI) has been retained by New Jersey Petroleum Office to respond to your request for information pursuant to Section 9005 of the Resource Conservation and Recovery Act (RCRA) regarding the underground storage tank systems at the following locations:

- Pure d/b/a Franklin Eagle Mart, 1397 Carsville Highway, Franklin, VA 23851
- Pure d/b/a Rt. 58 Food Mart, 8917 South Quay Road, Suffolk, VA 23437
- Pure Gas Station, 5703 Holland Road, Suffolk, VA23437

Please accept this letter as a request for an extension until August 1, 2011 to respond to your request. NJPO requires the additional time to retrieve the requested documents from their files.

Please feel free to contact me at the number below if you have any questions.

  
Seamus Kelly  
Project Manager

  
Jeffrey W. Anderson, CHMM  
Vice President

CC: NJPO

**CX 34**

**EPA 751**

**AUTHORIZATION FOR PROFESSIONAL SERVICES**

On behalf of NJPO Group (Client), I accept the Atlantic Environmental Solutions, Inc. (AESI) proposal of June 21, 2011 in connection with the property located at Multiple VA Sites (Site). AESI is authorized to proceed with the project as of the authorization date indicated below. Work will be invoiced as outlined in this proposal. AESI will not exceed the base cost amount authorized without previously notifying client of the anticipated additional charges. Client agrees to pay all invoices upon receipt in accordance with the Schedule of Fees.

By virtue of entering into this Agreement or of providing services hereunder, AESI does not assume control of or responsibility for reporting to any Federal, State or local public agencies any conditions at the site that may present a potential danger to public health, safety or the environment. Client agrees to notify the appropriate Federal, State or local public agencies as required by law, or otherwise to disclose, in a timely manner, any information that may be necessary to prevent any danger to health, safety, or the environment. AESI will gladly assist Client in fulfilling such obligations, on an item by item basis, if requested by client.

AESI will perform a reasonable investigation to locate known underground piping, structures and utilities. The Client agrees to indemnify AESI against any cost or liability which results or arises from damage or destruction of any subsurface utilities, piping, systems, roof or other structures located on the owner's site or facility; which may occur during or as a result of any investigation, cleanup conducted or related work conducted by AESI, unless the Client has previously notified AESI of the precise location of said utilities, piping systems or other structures, or, unless the aforementioned reasonable investigation should have located such utilities, systems or structures.

If any claim is brought against AESI and/or Client by a third party relating in any way to the Services, the contribution and indemnification rights and obligations of Client and AESI shall be determined as follows:

- 1) Client agrees to the maximum extent permitted by law to defend, hold harmless and indemnify AESI from and against any and all claims and liabilities resulting from:
  - a) Client's violation of any Federal, State or local statute, regulation or ordinance relating to the disposal of hazardous substances or constituents; and,
  - b) Environmental contamination at the facility attributable to the actions of Client or third persons which occurred before the provision of AESI's services herein.
- 2) If negligence, breach of contract, or willful misconduct of AESI caused any damage, injury or loss claimed by the third party, then AESI and Client shall each indemnify the other against any loss or judgment on a comparative responsibility basis.

AESI provides Comprehensive General Liability and Professional Liability insurance coverage in the sum of not less than \$3 Million aggregate. If applicable, attorney's fees or other costs incurred in collecting any delinquent amount will be paid by the client per AESI's Schedule of Fees.

For: Ferris Eagle Mt / NJPO Group Federal Emp. ID#: Multiple  
Accepted By: Betsy Golican Date: 06/21/2011  
Signature of Officer: [Signature] Title: Manager



From: "Seamus Kelly" <skelly@solutionsenvironmental.com>  
To: Andrew Ma/R3/USEPA/US@EPA  
Cc: "Batur Gokcan" <batur.njpo@gmail.com>, "Jeffrey Anderson" <janderson@solutionsenvironmental.com>  
Date: 08/01/2011 02:55 PM  
Subject: RE: EPA 9005 Information Request Letter

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Mr. Ma

Please find attached a copy of the response to your request for information from New Jersey Petroleum Office with regard to the service stations located in Suffolk and Franklin, Virginia. A hard copy of the entire report has been sent to your office.

Please feel free to contact me if you have any questions.

Seamus

Seamus Kelly

Project Manager  
Atlantic Environmental Solutions, Inc.  
5 Marine View Plaza, Suite 303  
Hoboken, New Jersey 07030  
(201) 876-9400 (phone)  
(201) 876-9563 (fax)  
(201) 360-1440 (mobile)

**From:** Ma.Andrew@epamail.epa.gov [<mailto:Ma.Andrew@epamail.epa.gov>]  
**Sent:** Tuesday, June 28, 2011 4:37 PM  
**To:** Seamus Kelly  
**Subject:** EPA 9005 Information Request Letter

Good Afternoon Mr. Kelly:

I am in receipt of the letter from Atlantic Environmental Solutions, Inc. dated June 21, 2011, which requests an extension to respond to EPA's Section 9005 information request letter on behalf of New Jersey Petroleum Office.

I've spoken with my management here at EPA Region III, and they have agreed to grant the requested extension of August 1, 2011. Please send your written response to my address, listed below, by August 1, 2011.

If you have any questions about the information request letter, please call me within the next couple of weeks.

Thanks,

Andrew

EPA 753

Andrew Ma  
US EPA Region III - Office of Land Enforcement  
Mail Code 3LC70  
1650 Arch Street  
Philadelphia, PA 19103-2029  
Phone: 215.814.3429  
Fax: 215-814-3163  
ma.andrew@epa.gov[attachment "EPA Response, NJPO Service Stations, Franklin & Suffolk, VA.pdf" deleted by  
Andrew Ma/R3/USEPA/US]

**EPA 754**



ATLANTIC ENVIRONMENTAL SOLUTIONS, INC.

July 29, 2011

Andrew Ma  
Environmental Scientist  
US EPA, Region III  
Office of Land Enforcement (3LC70)  
1650 Arch Street  
Philadelphia, PA 19103

Dear Mr. Ma

Atlantic Environmental Solutions, Inc. (AESI) has been retained by New Jersey Petroleum Office (NJPO) to respond to your request for information pursuant to Section 9005 of the Resource Conservation and Recovery Act (RCRA) regarding the underground storage tank systems at the following locations:

- Pure d/b/a Franklin Eagle Mart, 1397 Carsville Highway, Franklin, VA 23851
- Pure d/b/a Rt. 58 Food Mart, 8917 South Quay Road, Suffolk, VA 23437
- Pure Gas Station, 5703 Holland Road, Suffolk, VA23437

It is our understanding that some non-conformance issues were identified during a routine inspection of the above referenced properties in March 2010, and that additional information was requested by EPA in order to address these issues. Please accept this letter and its attachments as a formal response to your request for information.

**Franklin Eagle Mart**

On March 31, 2010 EPA representative from the EPA visited the Franklin Eagle Mart, located at 1397 Carrsville Highway in Franklin Virginia. During the inspection, a property representative indicated that the station was not selling gasoline or diesel. As noted in the attached Certification (Attachment A) the property was not dispensing fuel due to a dispute with the fuel supplier. However, the underground storage tanks should not be considered to have been removed from service as they were still being actively monitored by the property staff as if they were dispensing fuel.

Also, during the March 31, 2010 inspection, site personnel stated that they did not use the Veeder Root VR TLS-350 ATG as the primary source of leak detection, and that Statistical Inventory Reconciliation was used by New Jersey Petroleum Office (NJPO) as the primary leak detection system. This information was incorrect and a result of miscommunication with site personnel. As noted in the attached Certification (Attachment B) the Veeder Root system is the primary leak detection at the site and NJPO uses statistical inventory reconciliation for internal corporate records.

Facility records requested by you including current line and tank testing results, tank registration records and current insurance documentation is included in Attachment C. As documented in the attached records, all tanks and lines at the property are currently tight. Additional records are still being obtained from the facility and the NJPO records archive and will be forwarded to your attention upon receipt. Cathodic Protection testing has been scheduled for August 3-5, 2011 and results of that testing will also be forwarded to your attention.

#### **Route 58 Food Mart**

On March 31, 2010 EPA representative from the EPA visited the Rt. 58 Food Mart, located at 8917 S. Quay Road in Suffolk, Virginia. During the inspection, a property representative indicated that the station was not selling gasoline. As noted in the attached Certification (Attachment D) the property was not dispensing fuel due to a dispute with the fuel supplier. However, the underground storage tanks should not be considered to have been removed from service as they were still being actively monitored by the property staff as if they were dispensing fuel.

Also, during the March 31, 2010 inspection, site personnel stated that they did not use the Veeder Root VR TLS-300 ATG as the primary source of leak detection, and that Statistical Inventory Reconciliation was used by New Jersey Petroleum Office (NJPO) as the primary leak detection system. This information was incorrect and a result of miscommunication with site personnel. As noted in the attached Certification (Attachment E) the Veeder Root system is the primary leak detection at the site and NJPO uses statistical inventory reconciliation for internal corporate records.

Facility records requested by you including current line and tank testing results, tank registration records and current insurance documentation are included in Attachment F. As documented in the attached records, all tanks and lines at the property are currently tight. Additional records are still being obtained from the facility and the NJPO records archive and will be forwarded to your attention upon receipt. Cathodic Protection testing has been scheduled for August 3-5, 2011 and results of that testing will also be forwarded to your attention.

#### **Pure Gas Station (Aylin Inc.)**

On March 31, 2010 EPA representative from the EPA visited the Pure Gas Station (Aylin Inc.), located at 5703 Holland Road, Suffolk, Virginia. During the inspection, a property representative indicated that the station was not selling gasoline or diesel. As noted in the attached Certification (Attachment G) the property was not dispensing fuel due to a dispute with the fuel supplier. However, the underground storage tanks should not be considered to have been removed from service as they were still being actively monitored by the property staff as if they were dispensing fuel.

Also, during the March 31, 2010 inspection, site personnel stated that they did not use the Veeder Root VR TLS-350 ATG as the primary source of leak detection, and that Statistical Inventory Reconciliation was used by New Jersey Petroleum Office (NJPO) as the primary leak detection system. This information was incorrect and a result of miscommunication with site personnel. As noted in the attached Certification (Attachment H) the Veeder Root system is the primary leak detection at the site and NJPO uses statistical inventory reconciliation for internal corporate records.



Facility records requested by you including line and tank testing results, tank registration records and current insurance documentation is included in Attachment I. Current leak testing results are being obtained from the testing contractor (Jones & Frank) and will be included in an addendum report along with additional records that are still being obtained from the facility and the NJPO records archive. Cathodic Protection testing has been scheduled for August 3-5, 2011 and results of that testing will also be forwarded to your attention.

Batur Gokcan, Area Supervisor for NJPO has certified that the information included in this report is accurate. Please refer to Attachment J for the Certification.

Please feel free to contact me at the number below if you have any questions.



Seamus Kelly  
Project Manager



Jeffrey W. Anderson, CHMM  
Vice President

CC: NJPO



**ATTACHMENT A**  
**Franklin Eagle Mart Service Certification**



# FRANKLIN EAGLE MART INC.

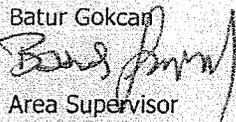
Mr. Andrew Ma  
United States Environmental Protection Agency  
Region III  
Office of Land Enforcement (3LC70)  
1650 Arch Street  
Philadelphia, Pa, 19103-2029

Dear Mr. Ma;

This letter is to confirm that Under Ground Storage Tanks at 1397 Carrsville Highway, Franklin, VA were not out of service during March 2010.

Even though we were not actively retailing gasoline resulting from a dispute with our supplier, maintenance and inspection schedule were maintained during March 2010.

If you need further information regarding this matter please do not hesitate to contact our offices.

Batur Gokcan  
  
Area Supervisor

1397  
Carrsville Highway  
Franklin, VA, 23851

PHONE (201) 866-9000  
FAX (201) 866-9006  
E-MAIL batur.njpo@gmail.com

**ATTACHMENT B**

**Franklin Eagle Mart Leak Detection Certification**



# FRANKLIN EAGLE MART INC.

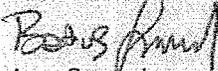
Mr. Andrew Ma  
United States Environmental Protection Agency  
Region III  
Office of Land Enforcement (3LC70)  
1650 Arch Street  
Philadelphia, Pa, 19103-2029

Dear Mr. Ma;

This letter is to confirm that Veeder-Root Automated Tank Gauging System is the primary leak detection system on the premises and Statistical Inventory Reconciliation Reports that we prepare are for internal corporate records.

If you need further information regarding this matter please do not hesitate to contact our offices.

Batur Gokcan



Area Supervisor

1397  
Carrsville Highway  
Franklin, VA, 23851

PHONE (201) 866-9000  
FAX (201) 866-9006  
E-MAIL batur.njpo@gmail.com

**ATTACHMENT C**  
**Franklin Eagle Mart Records**



# UST System Testing Results



**CERTIFICATE OF STORAGE TANK SYSTEM TESTING**



**Crompco, LLC**  
 1815 Gallagher Road  
 Plymouth Meeting, PA 19462

**Phone:** (610) 278-7203  
**Fax:** (610) 278-7621

<b>Work Order #300752</b>		<b>Client Information</b>		<b>Location #USP1397</b>	
<b>Date:</b> Tue Jul 26th, 2011 <b>Reason:</b> Compliance		New Jersey Petroleum Organization (Adan Kirisciogly) <b>Invoice #</b> 309059 <b>Permit#</b> <b>P.O.#</b>		New Jersey Petroleum Organization Franklin Eagle Mart 1397 Carrsville Hwy Franklin, VA 23851 <b>County:</b> Isle Of Wight	
Testing was conducted in accordance with all applicable portions of Federal, NFPA, and local regulations.					
<b>Tanks</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
2	Regular	EZY-3 Locator Plus	Pass		
1	Diesel	EZY-3 Locator Plus	Pass		
<b>Lines</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
1 (1,8)	Diesel	Petro-tite Line	Pass		
2 (2-7)	Regular	Petro-tite Line	Pass		
<b>Leak Detectors</b>					
<b>Equip #</b>	<b>Grade</b>	<b>Test</b>	<b>Result</b>		
002	Regular	Leak Detector	Pass		
001	Diesel	Leak Detector	Pass		
<b>Additional Costs</b>					
<b>PARTS:</b> Gasket / O-Ring, Gasket / O-Ring <b>EXPENSES:</b> Fuel Surcharge					

**Gerry Ford**  
 Petro-Tite Line Testing# PAC0121112111C (Exp: 11/21/2011)  
 EZY-3 Locator Plus Certification# 66-6653 (Exp: 09/21/2012)

**Brian Hall**  
 VMI LDT-890 #2487 and Install/Replace #2486  
 Petro-Tite Line Testing #PAC0123112111C (Exp: 11/21/2011)  
 EZY-3 Locator Plus #84-1435 (Exp: 11/15/2011)

EPA 754j

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Franklin Eagle Mart** 1397 Carrsville Hwy **Facility/Agency Copy**  
**Phone:** (610) 278-7203 Franklin, VA 23851 **Site #USP1397 / WO #300752**  
**FAX:** 610-278-7621 **Tue Jul 26th, 2011**

**EZY 3 Locator Plus**

TOTAL TANK VOL (gal):	8060	TANK # / PRODUCT TYPE:	2 / Regular	<input type="checkbox"/> DRONE
ULLAGE VOL (gal):	5156	WALL TYPE:	Single	
PRODUCT VOL (gal):	2904	MATERIAL:	Steel	

**PRESSURE SENSOR CALCULATION**

37.0000	X	0.026 psi	= 0.9620	PSI(1)
(INCHES OF PRODUCT)		(WEIGHT OF PRODUCT)		
0.8400	X	.036 psi	= 0.0302	PSI(2)
(INCHES OF WATER IN TANK)		(WEIGHT OF WATER)		
Line 1 + Line 2 = Total Positive Head Pressure in Tank			= 0.9922	PSI(3)
26.0000	X	<input checked="" type="checkbox"/> 0.036 (Water Table Outside Tank)	= 0.9360	PSI(4)
(INCHES OF WATER OUTSIDE TANK)		<input type="checkbox"/> 0.049 (Brine Filled DW Tank)		
		<input type="checkbox"/> 0.0 (Double Wall Dry)		
Total Head Pressure Minus Outside Water Pressure			= 0.0562	+/-PSI(5)
Always add .5 PSI			= 0.5562	PSI(6)
NOTE: If Line 6 is less than .5 PSI, Line 7 shall be .5 PSI			= 0.5562	PSI(7)
<b>TEST PRESSURE</b>				
	TIME	PRESSURE	Depth of Groundwater Determined:	
		(psi of vacuum)	By: Tank field observation well	
BLOWER STARTED:	11:46	0.0000	Where: Next to tanks(s)	
TEST PRESSURE REACHED:	11:51	1.1000		
BLOWER TURNED OFF:	11:56	1.1000		
TEST BEGAN:	11:57	1.1000		
TEST ENDED:	11:59	1.1000		

WATER SENSOR CALIBRATION	TANK SYSTEM
--------------------------	-------------

<p>Added (ml): 175.0000 175.0000 175.0000</p> <p style="padding-left: 40px;">Cal #1 Cal #2 Cal #3</p> <p>Average: 175.0000</p> <p>Water Intrusion Test Period: Began: 12:00                  Ended: 13:00</p> <p>Calculation for test period:                  175.0000 / 3780 = 0.0463 / .05 X 60 = 55.5600 (min)</p> <p>Ave. Cal. "A" Factor Time of Test</p>	<p>Product in Tank (inches): 37.0000</p> <p>Water in Tank (inches): 0.8400</p> <p>Tank top to grade (inches): 29.0000</p> <p>Diameter (inches): 96.0000</p> <p>Bottom to grade (inches): 125.0000</p> <p>Groundwater (inches): 26.0000</p>
---	--

THE ACOUSTIC CHARACTERISTICS OF A LEAK REVEALS:	WATER SENSOR INDICATES:
---	-------------------------

<p><input checked="" type="checkbox"/> <b>TIGHT TANK</b>                  This underground storage tank <b>PASSES</b> the criteria set forth by the U.S. EPA</p> <p><input type="checkbox"/> <b>ULLAGE (DRY) PORTION LEAK</b>                  This underground storage tank <b>FAILS</b> the criteria set forth by the U.S. EPA</p>	<p><input checked="" type="checkbox"/> <b>NO WATER INTRUSION</b></p> <p><input type="checkbox"/> <b>WATER INTRUSION</b></p> <p><input type="checkbox"/> <b>NOT APPLICABLE</b></p> <p><input type="checkbox"/> <b>INCONCLUSIVE</b></p>
--	---

**EPA 754k**

BELOW PRODUCT LEVEL (WET) PORTION LEAK  
 This underground storage tank FAILS the criteria set forth by the  
 U.S. EPA  
 Inconclusive

	<b>Serial:</b>	<b>Calibration Expiration:</b>
Water Sensor Display:	10268	2011-12-30
Water Sensor Probe:	50156	2011-12-30
Acoustic Signal Processor:	E27002	2011-12-30
In-Tank Microphone:	M0919002	2011-12-30
Digital Pressure Sensor:	L001012	2011-12-30
Analog Vacuum Gauge:	NG9726824	2011-12-30

EPA 754I

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Franklin Eagle Mart** 1397 Carrsville Hwy **Facility/Agency Copy**  
**Phone:** (610) 278-7203 Franklin, VA 23851 **Site #**USP1397 / **WO #**300752  
**FAX:** 610-278-7621 **Tue Jul 26th, 2011**

**EZY 3 Locator Plus**

TOTAL TANK VOL (gal):	8060	TANK # / PRODUCT TYPE:	1 / Diesel	<input type="checkbox"/> DRONE
ULLAGE VOL (gal):	6473	WALL TYPE:	Single	
PRODUCT VOL (gal):	1587	MATERIAL:	Steel	

**PRESSURE SENSOR CALCULATION**

24.0000	X	0.031 psi	= 0.7440	PSI(1)
(INCHES OF PRODUCT)		(WEIGHT OF PRODUCT)		
0.0000	X	.036 psi	= 0.0000	PSI(2)
(INCHES OF WATER IN TANK)		(WEIGHT OF WATER)		
Line 1 + Line 2 = Total Positive Head Pressure in Tank			= 0.7440	PSI(3)
29.0000	X	<input checked="" type="checkbox"/> 0.036 (Water Table Outside Tank)	= 1.0440	PSI(4)
(INCHES OF WATER OUTSIDE TANK)		<input type="checkbox"/> 0.049 (Brine Filled DW Tank)		
		<input type="checkbox"/> 0.0 (Double Wall Dry)		
Total Head Pressure Minus Outside Water Pressure			= -0.3000	+/-PSI(5)
Always add .5 PSI			= 0.2000	PSI(6)
NOTE: If Line 6 is less than .5 PSI, Line 7 shall be .5 PSI			= 0.5000	PSI(7)
<b>TEST PRESSURE</b>				
	TIME	PRESSURE	Depth of Groundwater Determined:	
		(psi of vacuum)	By: Tank field observation well	
BLOWER STARTED:	10:46	0.0000	Where: Next to tanks(s)	
TEST PRESSURE REACHED:	11:20	1.0000		
BLOWER TURNED OFF:	11:25	1.0000		
TEST BEGAN:	11:26	1.0000		
TEST ENDED:	11:28	1.0000		

WATER SENSOR CALIBRATION	TANK SYSTEM
--------------------------	-------------

Added (ml): 175.0000 175.0000 175.0000 Cal #1 Cal #2 Cal #3 Average: 175.0000 Water Intrusion Test Period: Began: 11:29 Ended: 12:29 Calculation for test period: $175.0000 / 3780 = 0.0463$ $0.0463 \times 60 = 2.778$ (min) Ave. Cal. "A" Factor Time of Test	Product in Tank (inches): 24.0000 Water in Tank (inches): 0.0000 Tank top to grade (inches): 32.0000 Diameter (inches): 96.0000 Bottom to grade (inches): 128.0000 Groundwater (inches): 29.0000
---	---

THE ACOUSTIC CHARACTERISTICS OF A LEAK REVEALS:	WATER SENSOR INDICATES:
---	-------------------------

<input checked="" type="checkbox"/> <b>TIGHT TANK</b> This underground storage tank PASSES the criteria set forth by the U.S. EPA <input type="checkbox"/> <b>ULLAGE (DRY) PORTION LEAK</b> This underground storage tank FAILS the criteria set forth by the U.S. EPA	<input checked="" type="checkbox"/> <b>NO WATER INTRUSION</b> <input type="checkbox"/> <b>WATER INTRUSION</b> <input type="checkbox"/> <b>NOT APPLICABLE</b> <input type="checkbox"/> <b>INCONCLUSIVE</b>
---	--

**EPA 754m**

<input type="checkbox"/> BELOW PRODUCT LEVEL (WET) PORTION LEAK This underground storage tank FAILS the criteria set forth by the U.S. EPA		
<input type="checkbox"/> Inconclusive		
	<b>Serial:</b>	<b>Calibration Expiration:</b>
Water Sensor Display:	WSD9132	2011-12-30
Water Sensor Probe:	P0903802	2011-12-30
Acoustic Signal Processor:	E27002	2011-12-30
In-Tank Microphone:	M1045004	2011-12-30
Digital Pressure Sensor:	L001178	2011-12-30
Analog Vacuum Gauge:	NG9726823	2011-12-30

EPA 754n

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Franklin Eagle Mart** 1397 Carrsville Hwy **Facility/Agency Copy**  
**Phone:** (610) 278-7203 Franklin, VA 23851 **Site #**USP1397 / **WO #**300752  
**FAX:** 610-278-7621 **Tue Jul 26th, 2011**

**Petro Tite Line Test**

Line Number:	1						
Grade:	Diesel	Net Volume Change:	0.00000 gph				
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	125 ft.	$(PL \times Ba) + (FC \times Bb) + B = N$					
Diameter:	2 in.	$(125 \times 0.00000) + (3 \times 0.006) + 0.05 = 0.068$ gals					
Testing Line Length:	125						
Dispenser Range	1,8						
Wall:	Single	Allowable (gal):	0.06800				
Pump Manufac:	Red Jacket	Measured (gal):	0.01700				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
09:28	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000		
09:30	Started line test	0.0	50.0	0.0000	0.0100	N/A	
09:45	Line Test Continued	50.0	50.0	0.0100	0.0100	0	
10:00	Line Test Continued	50.0	50.0	0.0100	0.0100	0	
	Bleed Back	50.0	0.0	0.0100	0.0270	0.017	

**Petro Tite Line Test**

Line Number:	2						
Grade:	Regular	Net Volume Change:	0.00000 gph				
Material:	Fiberglass	<b>Bleedback</b>					
Total Line Length:	125 ft.	$(PL \times Ba) + (FC \times Bb) + B = N$					
Diameter:	2 in.	$(125 \times 0.00000) + (5 \times 0.006) + 0.05 = 0.08$ gals					
Testing Line Length:	125						
Dispenser Range	2-7						
Wall:	Single	Allowable (gal):	0.06800				
Pump Manufac:	Red Jacket	Measured (gal):	0.03300				
Type of System:	<input type="checkbox"/> American Suction <input checked="" type="checkbox"/> Pressure	Result:	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive				
Time	Procedure	Pressure (psi)		Volume (gal)			Comments
		Before	After	Before	After	Change	
09:29	Connected line tester to: Shear Valve Port	0.0	0.0	0.0000	0.0000		
09:31	Started line test	0.0	50.0	0.0000	0.0270	N/A	
09:46	Line Test Continued	50.0	50.0	0.0270	0.0270	0	
10:01	Line Test Continued	50.0	50.0	0.0270	0.0270	0	

**EPA 754o**

	Bleed Back	50.0	0.0	0.0270	0.0600	0.033	
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**EPA 754p**

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Franklin Eagle Mart** 1397 Carrsville Hwy **Facility/Agency Copy**  
**Phone:** (610) 278-7203 Franklin, VA 23851 **Site #**USP1397 / **WO #**300752  
**FAX:** 610-278-7621 Tue Jul 26th, 2011

Line Leak Detector Test		Line Leak Detector Test	
Leak Detector Number:	002	Leak Detector Number:	001
Grade:	Regular	Grade:	Diesel
Dispenser Range:	2-7	Dispenser Range:	1,8
Make:	Red Jacket	Make:	Red Jacket
Model:	FX1V	Model:	FX1DV
Serial #	9239	Serial #	
<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic		<input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Electronic	
Equipment Information (where test was conducted):	7	Equipment Information (where test was conducted):	8
Submersible Pump Operating Pressure (psi):	28	Submersible Pump Operating Pressure (psi):	30
Check Valve Holding Pressure (psi):	18	Check Valve Holding Pressure (psi):	28
Bleedback Check (gal):	.030	Bleedback Check (gal):	.01
Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	2	Mechanical Line Leak Detector Step-Through Time (seconds): **Note: not applicable for electronic line leak detectors	5
Metering Pressure (The pressure at which the mechanical leak detector is in leak sensing position):	12	Metering Pressure (The pressure at which the mechanical leak detector is in leak sensing position):	11
During actual testing, when simulated leak is induced. The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	During actual testing, when simulated leak is induced. The mechanical line leak detector stays in leak search position or the electronic line leak detector sets off an alarm as required by the manufacturer (Yes = pass), (No = fail):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive		Result: <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Inconclusive	
Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.		Test is conducted by simulating a calibrated 3.0 GPH at 10 psi leak on the product line.	



EPA 754q

**Crompco, LLC**  
**1815 Gallagher Road**  
**Plymouth Meeting, PA 19462**

**Franklin Eagle Mart** 1397 Carrsville Hwy **Facility/Agency Copy**  
**Phone:** (610) 278-7203 Franklin, VA 23851 **Site #USP1397 / WO #300752**  
**FAX:** 610-278-7621 **Tue Jul 26th, 2011**

**Site Diagram Labels**

- 1: Tank - 8k diesel Tank 1
- 2: Tank - 8k Regular Tank 2
- 3: Road - Carrsville Highway (US 58 Business)
- 4: Block - Eagle Mart
- 5: Dispenser - 3 - 4 Regular
- 6: Dispenser - 5 - 6 Regular
- 7: Dispenser - 8 diesel
- 8: Dispenser - 1 diesel
- 9: Dispenser - 2 reg
- 10: Dispenser - 7 reg

**EPA 754r**

Verification for Wo#: 300752

Parts Sold

Quantity Sold	Part Name	Manufacturer	Part #	Description
1	Gasket / O-Ring	Red Jacket	144-193-1	Packer discharge
1	Gasket / O-Ring	Red Jacket	072-718-1	Pump Head Large (RED JACKET STP)

Service Details

**Crompco was on site performing testing, repairs, calibration and/or inspections for the following reason:** **Comments**

Compliance

Gallons Pumped: \_\_\_\_\_

Additional Labor Hours: \_\_\_\_\_

Site Arrival Time: 09:00:00

Site Depart Time: 13:30:00

Confirmation

By signing this verification you are agreeing that Crompco LLC performed various compliance testing and/or repairs and replaced parts as listed above.

**Printed Name**

**Email**

**Signature**

mahmut uzun

mahmut.njpo@gmail.com



- Signature captured
- Refused to sign
- No one available to sign

EPA 754s

# Certificate of Insurance



EPA 754t



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
7/28/2011PRODUCER (631)273-4242 FAX: (631)273-8990  
National Insurance Brokerage of NY Inc.  
175 Oval Drive

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

Islandia NY 11749

INSURERS AFFORDING COVERAGE

NAIC #

INSURED

INSURER A: Zurich North America

INSURER B:

INSURER C:

INSURER D:

INSURER E:

FRANKLIN EAGLE MART INC.  
1397 CARRSVILLE HIGHWAY  
FRANKLIN VA 23851

## COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
A	<b>GENERAL LIABILITY</b> <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Pollution Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	USC9419649-02	07/29/2011	11/27/2011	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	<b>GARAGE LIABILITY</b> <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY: AGG \$
	<b>EXCESS / UMBRELLA LIABILITY</b> <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under SPECIAL PROVISIONS below				WC STATU-TORY LIMITS   OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
	OTHER				

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

## CERTIFICATE HOLDER

## CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL \_\_\_\_\_ DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE  
Frank Cormio/CRYSTA ACORD 25 (2009/01)  
INS025 (200901)

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EPA 754u

## **IMPORTANT**

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

## **DISCLAIMER**

This Certificate of Insurance does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

# Notification for Underground Storage Tanks



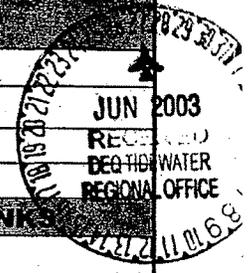
STATE USE ONLY

# Notification for Underground Storage Tanks (USTs)

ID Number: 5038920  
 Date Received: 6/27/03  
 Date Entered: 7/14/03  
 Entered By: [Signature]  
 Comments: 8

## PART I: PURPOSE OF NOTIFICATION

- Check all that apply:
- |  |  |  |
|--|--|--|
| <input type="checkbox"/> New (not previously registered) facility      | <input type="checkbox"/> Temporary closure         | <input type="checkbox"/> Change in tank contents |
| <input type="checkbox"/> New tank(s) at previously registered facility | <input type="checkbox"/> Tank removal or closure   | <input checked="" type="checkbox"/> New owner    |
| <input type="checkbox"/> Change in tanks (e.g., upgrade)               | <input type="checkbox"/> Piping removal or closure | <input type="checkbox"/> Change in owner address |
| <input type="checkbox"/> Change in piping (e.g., upgrade)              | <input type="checkbox"/> Other (specify):          |  |



## PART II: OWNERSHIP OF TANKS

A. Owner Name  
FRANKLIN EAGLE MART, Corp.

B. Owner Address  
1347 Carrsville Hwy

C. City, State, Zip  
Franklin VA 23851

D. Name of Contact Person  
TAHER ARKLAN

E. Title of Contact Person  
G. Mgr.

F. Phone Number  
(757) 562 2659

G. E-mail Address

H. Name of Previous Owner  
Crossroads Fuel service / Keffer-Rose Inc

## PART III: LOCATION OF TANKS

A. Facility Name  
Pure

B. Facility Street Address (P.O. Box not acceptable)  
Same

C. City, Zip

D. County or Municipality where Facility is Located  
RECEIVED

E. Name of Contact Person  
Same

F. Title of Contact Person  
JUL 24 2003

G. Phone Number  
OSRR

H. E-mail Address

## PART IV: TYPE OF OWNER

- |   |  |
|---|--|
| <input type="checkbox"/> Federal government | <input checked="" type="checkbox"/> Commercial |
| <input type="checkbox"/> State government   | <input type="checkbox"/> Private               |
| <input type="checkbox"/> Local government   |  |

## PART V: TYPE OF FACILITY

- |  |   |  |                                    |
|--|---|--|------------------------------------|
| <input checked="" type="checkbox"/> Retail gas station | <input type="checkbox"/> Federal non-military | <input type="checkbox"/> Commercial (non-resale) | <input type="checkbox"/> Residence |
| <input type="checkbox"/> Petroleum distributor         | <input type="checkbox"/> Federal military     | <input type="checkbox"/> Industrial              | <input type="checkbox"/> Farm      |
| <input type="checkbox"/> Local government              | <input type="checkbox"/> State government     | <input type="checkbox"/> Other                   |                                    |

## PART VI: FINANCIAL RESPONSIBILITY

The tank owner has met the financial responsibility requirements contained in 9 VAC 25-590-10 et seq. using the following methods/mechanisms

<input type="checkbox"/> Self Insurance	<input checked="" type="checkbox"/> Insurance	<input type="checkbox"/> Letter of Credit	<input type="checkbox"/> Virginia Petroleum Storage Tank Fund
<input type="checkbox"/> Guarantee	<input type="checkbox"/> Surety Bond	<input type="checkbox"/> Trust Fund	

## PART VII: OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I understand that the owner of the underground storage tanks hereby registered is responsible for compliance with the requirements of Virginia Regulations 9 VAC 25-580-10 et seq. and federal regulation 40 CFR Part 280, among other requirements. I warrant and represent that I am the owner or that I have the authority to sign this certification on behalf of the owner. I understand that this notification form is sufficient evidence to establish ownership of tanks subject to 9 VAC 25-580-10 et seq.

ADNAN KIRISLIOBLU Pres.      Adnan Kirisliobl      06 / 25 / 2003  
 Name and Title (Type or Print)      Signature      Date

## PART VIII: INSTALLER CERTIFICATION

I certify that the installation of this tank was performed in accordance with all federal, state and local installation requirements. I warrant and represent that I am the installer or that I have the authority to sign this certification on behalf of the installer.

\_\_\_\_\_  
 Name and Title (Type or Print)      Signature      Date

\_\_\_\_\_  
 Company Name      Address      Telephone Number

2007

PART IX TANK DESCRIPTION FOR NEW INSTALLATIONS AND AMENDMENTS										
Owner Tank Identification Number	1		2							
DEQ Tank Identification Number										
Tank Status	<input type="checkbox"/> New Tank <input checked="" type="checkbox"/> Amendment	<input type="checkbox"/> New Tank <input type="checkbox"/> Amendment								
Date of Installation (MM/DD/YYYY)										
Date of Amendment (MM/DD/YYYY)	6/25/03		6/25/03							
Tank Capacity (Gallons)	8000		8000							
Substance stored (if hazardous, include CERCLA name and/or CAS number)	Gasoline		Gasoline							
Material of Construction (v all that apply)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Fiberglass Reinforced Plastic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
Coated and Cathodically Protected/STI-P3®	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Impressed Current System Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Composite (Steel Clad with Fiberglass)/ACT 100 ®	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lined Interior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Polyethylene Tank Jacket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concrete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Excavation Liner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Asphalt Coated or Bare Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Polyflexible piping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Galvanized Steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify)										
Has tank/piping been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Piping Type	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Safe Suction (No Check Valve at Tank)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
U.S. Suction (Check Valve at Tank)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
Gravity Fed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Release Detection	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Manual Tank Gauging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tightness Testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inventory Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Tank Gauging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vapor Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Groundwater Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interstitial Monitoring-Double Walled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interstitial Monitoring-Secondary Containment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Line Leak Detectors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Statistical Inventory Reconciliation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify)										
Spill Containment & Overfill Prevention	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Spill Containment/Bucket	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overfill Automatic Shutoff	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overfill Alarm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overfill Ball Float Valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# Notification for Underground Storage Tanks

State Agency Name and Address  
**DEQ-Water Division-UST Program**  
P.O. Box 10009  
Richmond, VA 23240-0009

## TYPE OF NOTIFICATION

A. NEW FACILITY     B. AMENDED     C. CLOSURE

\_\_\_\_ No. of tanks at facility    \_\_\_\_ No. of continuation sheets attached

## INSTRUCTIONS

Please type or print in ink all items except "signature" in section VIII. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy pages 3, 4 and 5, and staple continuation sheets to the form.

## GENERAL INFORMATION

Notification is required by Virginia law for all underground storage tanks that have been used to store regulated substances and were in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by §62.1-44.34:9.6 & 7 of the Virginia State Water Control Law, Article 9.

The primary purpose of this notification program is to locate and evaluate underground storage tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonable available records, or in the absence of such records, your knowledge, belief, or recollection.

### Who Must Notify?

A. Virginia State Water Control Law Article 9 § 62.1-44.34:9.6 & 7, requires that unless exempted, owners of underground storage tanks that store regulated substances must notify the State Water Control Board of the existence of their tanks. Owner means:

1) In the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use or dispensing of regulated substances, and

2) In the case of any underground storage tank in use before November 8, 1984; but no longer in use after that date, any person who owned such tank immediately before the discontinuation of its use, and

B. Owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground.

What UST's Must Be Notified? Underground storage tank or "UST" means any one or combination of tanks (including underground pipes connected thereto) that is used to contain an accumulation of regulated substances, and the volume of which (including the volume of underground pipes connected thereto) is 10% or more beneath the surface of the ground.

### What UST's Are Excluded From Notification Requirements?

1. Farm or residential tank of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. Tank used for storing heating oil for consumption on the premises where stored.

### 3. Septic tank;

### 4. Pipeline facility (including gathering lines) regulated under:

- a. The Natural Gas Pipeline Safety Act of 1968 (49 U.S.C. App. 1671, et seq.), or
- b. The Hazardous Liquid Pipeline Safety Act of 1979 (49 U.S.C. App. 2001, et seq.), or
- c. Which is an interstate pipeline facility regulated under state laws comparable to the provisions of the law referred to in subdivisions 4.a or 4.b of this definition;

5. Surface impoundment, pit, pond, or lagoon;
6. Storm-water or wastewater collection system;
7. Flow-through process tank;
8. Liquid trap or associated gathering lines directly related to oil or gas production and gathering operations; or
9. Storage tank situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

### The Following Need Not Notify, But May Be Regulated.

10. Wastewater treatment tank systems;
11. Any UST systems containing radioactive material that are regulated under the Atomic Energy Act of 1954 (42 USC 2011 and following);
12. Any UST system that is part of an emergency generator system at nuclear power generation facilities regulated by the Nuclear Regulatory Commission under 10 CFR Part 50, Appendix A;

13. Airport hydrant fuel distribution systems; and
14. UST systems with field-constructed tanks

What Substances Are Covered? "Regulated substance" means an element, compound mixture, solution, or substance that, when released into the environment, may present substantial danger to the public health or welfare, or the environment. The term "regulated substance" includes:

1. Any substance defined in § 101(14) of the Comprehensive Environmental Response Compensation, and Liability Act (CERCLA) of 1980, but not any substance regulated as a hazardous waste under subtitle C of the Resource Conservation and Recovery Act (RCRA) of 1976; and
2. Petroleum, including crude oil or any fraction thereof, that is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute). The term "regulated substance" includes but is not limited to petroleum and petroleum-based substances comprised of a complex blend of hydrocarbons derived from crude oil through processes of separation, conversion, upgrading, and finishing such as motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, and used oils.

### When to Notify?

A. Any owner who brings an underground storage tank system into use must within 30 days of bringing such tank into use, submit a notice of existence of such tank system to the board. Any change in: ownership; tank status (e.g., temporarily / permanently closed out) tank/piping systems (e.g., upgrades such as addition of corrosion protection, internal lining release detection); substance stored (e.g., change from petroleum to hazardous substance requires the UST owner to submit an amended notification form within 30 days after such change/upgrade occurs or is brought into use. Owners may provide notice for several tanks using one notification form, but owners with tanks located at more than one place of operation must file a separate notification form for each separate place of operation.

Under Virginia UST notification requirements effective July 1, 1987, owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground, must notify the board on the notification form.

Notices required to be submitted must provide all of the information in Sections I through IX of this form (Section X as required) for each tank for which notice must be given. Notices for tanks installed after December 22, 1986, must also provide all of the information in Section XI of this form for each tank for which notice must be given.

B. All owners and operators of new UST systems must certify in the notification form compliance with the following requirements of Virginia Regulation 9 VAC 25-580-10, et seq:

1. Installation of tanks and piping under subsection E of § 2.1;
2. Cathodic protection of steel tanks and piping under subsections A and B of § 2.1;
3. Release detection under §§ 4.2, and 4.3.
4. Financial responsibility under Virginia Regulation 9 VAC 25-590-10, et seq.

C. All owners and operators of new UST systems must ensure that the installer certifies in the notification form that the methods used to install the tanks and piping comply with the requirements in subsection D of § 2.1 of 9 VAC 25-580-10, et seq.

D. Beginning October 24, 1988, any person who sells a tank intended to be used as an underground storage tank must notify the purchaser of such tank of the owner's notification obligations under subsection A of this section. The statement provided in Appendix II of VF 680-13-02 may be used to comply with this requirement.

\_\_\_\_ give the geographic location of tank(s) by degree, minutes, and seconds. Example Lat. 2, 34, 23 N Long. 85, 24, 17 W

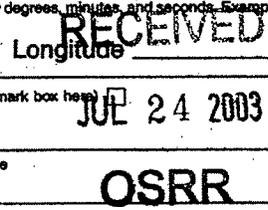
Owner Name (Corporation, Individual, Public Agency, or Other Entity) Franklin Eagle Mart Corp    Latitude \_\_\_\_\_    Longitude \_\_\_\_\_

Street Address 1397 Carrsville Hwy    (If same as Section I, mark box here)  **OSRR**

City Franklin    State VA    ZIP Code 23851

County Franklin    State VA    ZIP Code 23851

Phone Number (Include Area Code) 757 562 2659    Municipality \_\_\_\_\_



III. TYPE OF OWNER		IV. INDIAN LANDS	
<input type="checkbox"/> Federal Government	<input checked="" type="checkbox"/> Commercial	Tanks are located on land within an Indian Reservation or on other trust lands. <input type="checkbox"/>	Tribe or Nation: _____
<input type="checkbox"/> State Government	<input type="checkbox"/> Private		
<input type="checkbox"/> Local Government		Tanks are owned by Native American nation, tribe, or individual. <input type="checkbox"/>	

Select the Appropriate Facility Description:

- |   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Gas Station/Convenience Store | <input type="checkbox"/> State Government       | <input type="checkbox"/> Contractor            |
| <input type="checkbox"/> Petroleum Distributor                    | <input type="checkbox"/> Railroad               | <input type="checkbox"/> Trucking/Transport    |
| <input type="checkbox"/> Air Taxi (Airline)                       | <input type="checkbox"/> Federal - Non-Military | <input type="checkbox"/> Utilities             |
| <input type="checkbox"/> Aircraft Owner                           | <input type="checkbox"/> Federal - Military     | <input type="checkbox"/> Residential           |
| <input type="checkbox"/> Auto Dealership                          | <input type="checkbox"/> Commercial             | <input type="checkbox"/> Farm                  |
| <input type="checkbox"/> Local Government                         | <input type="checkbox"/> Industrial             | <input type="checkbox"/> Other (Explain) _____ |

V. CONTACT PERSON IN CHARGE OF TANKS

Name (Print)	Job Title	Mailing Address	Phone Number (Include Area Code)
TAMER ARKLAN	G. Mgr.	1397 Carrsville Hwy Franklin VA 23851	757-562 2654

I have met the financial responsibility requirements in accordance with VR680-13-03 utilizing the following method(s).

Mark All that Apply

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Self Insurance                  | <input type="checkbox"/> Guarantee        | <input type="checkbox"/> Virginia Underground Petroleum Storage Tank Fund |
| <input checked="" type="checkbox"/> Commercial Insurance | <input type="checkbox"/> Surety Bond      | <input type="checkbox"/> Trust Fund                                       |
| <input type="checkbox"/> Risk Retention Group            | <input type="checkbox"/> Letter of Credit | <input type="checkbox"/> Other Method Allowed (Specify) _____             |

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. (To be signed by either the owner or the owner's authorized representative)

Name and official title of owner (Print) FRANKLIN EAGLE MART, Corp. By ADNAN KIRISCIOGLU Pres.	Signature <i>Adnan Kiriscioglu</i>	Date Signed 6/25/2003
Name and official title of owner's authorized representative (Print)	Signature	Date Signed



**RETROACTIVE DATE (APPLICABLE TO CLAIMS MADE COVERAGES):**

SEE ENDORSEMENTS ATTACHED TO THIS POLICY.

**DESCRIPTION OF BUSINESS:**

**FORM OF BUSINESS:**

Corporation                       Individual                       Joint Venture                       Partnership  
 Limited Liability Corporation    Other (describe):

**SCHEDULE OF COVERED LOCATION(S):**

SEE SCHEDULE OF COVERED LOCATION(S) AND COVERED STORAGE TANK SYSTEM(S) ENDORSEMENT FORM ATTACHED TO THIS POLICY.

**RETENTIONS:**

Coverage A & B: Covered Storage Tank Systems Cleanup Costs and Third Party Bodily Injury and Property Damage Liability                      \$ 10,000 Deductible Per Claim

**TOTAL PREMIUM FOR THIS POLICY:    \$ 10,975.00**

**FORMS AND ENDORSEMENTS (Other than applicable forms and endorsements shown elsewhere in the policy):**

Forms and Endorsements applying to this policy and made part of this policy at time of issue:  
SEE SCHEDULE OF FORMS AND ENDORSEMENTS

**NAME AND ADDRESS OF ADMINISTRATIVE OFFICE:**

Berkley Specialty Underwriting Managers LLC  
Three Ravinia Drive, Suite 500  
Atlanta, GA 30346  
Phone No.: (404) 443-2040, See the claims notice attached to this policy for claims contact information.

**THIS DECLARATIONS, TOGETHER WITH THE COMMON POLICY CONDITIONS AND COVERAGE FORM(S) AND ANY ENDORSEMENT(S), COMPLETE THE ABOVE NUMBERED POLICY.**

Countersigned: \_\_\_\_\_  
Issue Date: 02/21/13

By: Steve Zaitman  
Authorized Representative

New Jersey Premium: \$10,975.00  
Fees: \_\_\_\_\_  
Inspection Fees: \_\_\_\_\_  
Surplus Lines Tax: \$548.75  
Fire Premium Tax: \_\_\_\_\_

**Location Number:** 4  
**Location Name:** Perth Amboy NJPO LLC  
**Location Address:** 163 Fayette Street, Perth Amboy NJ 08861  
**Retroactive Date(s):**

Tank No.	Tank Type	Installation	Capacity	Contents	Retroactive Date Coverage A	Retroactive Date Coverage B
1	UST	11/01/1996	10,000	Gas	11/27/2006	11/27/2006
2	UST	11/01/1996	10,000	Gas	11/27/2006	11/27/2006
3	UST	11/01/1996	12,000	Gas	11/27/2006	11/27/2006

**Location Number:** 5  
**Location Name:** Franklin Eagle Mart Inc.  
**Location Address:** 1397 Carrsville Highway, Franklin VA 23851  
**Retroactive Date(s):**

Tank No.	Tank Type	Installation	Capacity	Contents	Retroactive Date Coverage A	Retroactive Date Coverage B
1	UST	08/01/1988	8,000	Gas	07/29/2011	07/29/2011
2	UST	08/01/1988	8,000	Diesel	07/29/2011	07/29/2011

**Location Number:** 6  
**Location Name:** RT 58 Food Mart Inc.  
**Location Address:** 8917 S. Quay Road, Suffolk VA 23437  
**Retroactive Date(s):**

Tank No.	Tank Type	Installation	Capacity	Contents	Retroactive Date Coverage A	Retroactive Date Coverage B
1	UST	08/01/1988	8,000	Gas	07/29/2011	07/29/2011
2	UST	08/01/1988	8,000	Gas	07/29/2011	07/29/2011
3	UST	08/01/1988	8,000	Gas	07/29/2011	07/29/2011

**Location Number:** 7  
**Location Name:** Aylin Inc.  
**Location Address:** 5703 Holland Road, Suffolk VA 23434  
**Retroactive Date(s):**

Tank No.	Tank Type	Installation	Capacity	Contents	Retroactive Date Coverage A	Retroactive Date Coverage B
1	UST	08/01/1988	8,000	Gas	07/29/2011	07/29/2011
2	UST	08/01/1988	8,000	Gas	07/29/2011	07/29/2011

## SCHEDULE OF FORMS AND ENDORSEMENTS

Policy Number: CST200792300

Named Insured: Elizabeth NJPO LLC

### FORMS ATTACHED TO AND MADE A PART OF THIS POLICY:

FORM NUMBER	FORM TITLE
E001J (11-06)	Nautilus Policy Jacket
ENV PA CLAIM 11 12	Policyholder Notice - Claim Reporting Information
ENV CST 119 C CW 11 12	Notice to Policyholder - Voluntary Notice of Covered Storage Tank System(s) Upgrade, Repair, and/or Replacement
ENV CST DEC 03 11	TankAdvantage Pollution Liability Declarations
ENV CST FORMS 04 10	Schedule of Forms and Endorsements
ENV CST 101 A CW 04 10	TankAdvantage Pollution Liability Insuring Agreement
ENV CST 204 B CW 06 11	Defense Deductible Endorsement
ENV CST 102 A CW 04 10	Schedule of Covered Location(s) and Covered Storage Tank System(s)
CG 21 70 01 08	Cap on Losses From Certified Acts of Terrorism
CG 21 76 01 08	Exclusion of Punitive Damages Related to a Certified Act of Terrorism
S020 (04-05)	Service of Suit
ENV CST 118 B CW 04 11	Certificate of Insurance - Countrywide
ENV CST 146 B VA 03 11	Certificate of Insurance - Virginia Underground Storage Tank System(s)
ENV CST 203 A CW 11 10	TankAdvantage Incident Reporting form

3	UST	08/01/1988	8,000	Gas	07/29/2011	07/29/2011
4	UST	08/01/1988	8,000	Gas	07/29/2011	07/29/2011

CHAPTER 580.

UNDERGROUND STORAGE TANKS: TECHNICAL STANDARDS  
AND CORRECTIVE ACTION REQUIREMENTS.

- PART I Definitions, Applicability and Interim Prohibition.
- PART II UST Systems: Design, Construction, Installation, and Notification.
- PART III General Operating Requirements.
- PART IV Release Detection.
- PART V Release Reporting, Investigation, and Confirmation.
- PART VI Release Response and Corrective Action for Ust Systems Containing Petroleum or Hazardous Substances.
- PART VII Out-of-Service UST Systems and Closure.
- PART VIII Delegation.

PART I.

Definitions, Applicability and Interim Prohibition.

- 9 VAC 25-580-10. Definitions.
- 9 VAC 25-580-20. Applicability.
- 9 VAC 25-580-30. Interim prohibition for deferred UST systems.
- 9 VAC 25-580-40. Permitting and inspection requirements for all UST systems.

- 9 VAC 25-580-10. Definitions.

The following words and terms, when used in this chapter, shall have the following meaning unless the context clearly indicates otherwise:

"Aboveground release" means any release to the surface of the land or to surface water. This includes, but is not limited to, releases from the aboveground portion of a UST system and aboveground releases associated with overfills and transfer operations as the regulated substance moves to or from a UST system.

"Ancillary equipment" means any devices including, but not limited to, such devices as piping, fittings, flanges, valves, and pumps used to distribute, meter, or control the flow of regulated substances to and from a UST.

"Belowground release" means any release to the subsurface of the land and to groundwater. This includes, but is not limited to, releases from the belowground portions of an underground storage tank system and belowground releases associated with overfills and transfer operations as the regulated substance moves to or from an

underground storage tank.

"Beneath the surface of the ground" means beneath the ground surface or otherwise covered with earthen materials.

"Board" means the State Water Control Board.

"Building official" means the executive official of the local government building department empowered by §36-105 of the Code of Virginia to enforce and administer the Virginia Uniform Statewide Building Code (USBC).

"Cathodic protection" is a technique to prevent corrosion of a metal surface by making that surface the cathode of an electrochemical cell. For example, a tank system can be cathodically protected through the application of either galvanic anodes or impressed current.

"Cathodic protection tester" means a person who can demonstrate an understanding of the principles and measurements of all common types of cathodic protection systems as applied to buried or submerged metal piping and tank systems. At a minimum, such persons must have education and experience in soil resistivity, stray current, structure-to-soil potential, and component electrical isolation measurements of buried metal piping and tank systems.

"CERCLA" means the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended (42 USC §9601 et seq.).

"Compatible" means the ability of two or more substances to maintain their respective physical and chemical properties upon contact with one another for the design life of the tank system under conditions likely to be encountered in the UST.

"Connected piping" means all underground piping including valves, elbows, joints, flanges, and flexible connectors attached to a tank system through which regulated substances flow. For the purpose of determining how much piping is connected to any individual UST system, the piping that joins two UST systems should be allocated equally between them.

"Corrosion expert" means a person who, by reason of thorough knowledge of the physical sciences and the principles of engineering and mathematics acquired by a professional education and related practical experience, is qualified to engage in the practice of corrosion control on buried or submerged metal piping systems and metal tanks. Such a person must be accredited or certified as being qualified by the National Association of Corrosion Engineers or be a registered professional engineer who has certification or licensing that includes education and experience in corrosion control of buried or submerged metal piping systems and metal tanks.

"De minimis" means trivial and beyond the intent of regulation, as that term is used at 53 Fed. Reg. 37108-37109.

"Department of Waste Management" means the Virginia Department of Waste Management which has jurisdiction over the proper handling and disposal of solid and hazardous wastes in the Commonwealth of Virginia.

"Dielectric material" means a material that does not conduct direct electrical current. Dielectric coatings are used to electrically isolate UST systems from the surrounding soils. Dielectric bushings are used to electrically isolate portions of the UST system (e.g., tank from piping).

"Electrical equipment" means underground equipment that contains dielectric fluid that is necessary for the operation of equipment such as transformers and buried electrical cable.

"Excavation zone" means the volume containing the tank system and backfill material bounded by the ground surface, walls, and floor of the pit and trenches into which the UST system is placed at the time of installation.

"Existing tank system" means a tank system used to contain an accumulation of regulated substances or for which installation has commenced on or before December 22, 1988. Installation is considered to have commenced if:

1. The owner or operator has obtained all federal, state, and local approvals or permits necessary to begin physical construction of the site or installation of the tank system; and if,

2. a. Either a continuous on-site physical construction or installation program has begun; or,

- b. The owner or operator has entered into contractual obligations--which cannot be cancelled or modified without substantial loss--for physical construction at the site or installation of the tank system to be completed within a reasonable time.

"Farm tank" is a tank located on a tract of land devoted to the production of crops or raising animals, including fish, and associated residences and improvements. A farm tank must be located on the farm property. "Farm" includes fish hatcheries, rangeland and nurseries with growing operations.

"Flow-through process tank" is a tank that forms an integral part of a production process through which there is a steady, variable, recurring, or intermittent flow of materials during the operation of the process. Flow-through process tanks do not include tanks used for the storage of materials prior to their introduction into the production process or for the storage of finished products or by-products from the production process.

"Free product" refers to a regulated substance that is present as a nonaqueous phase liquid (e.g., liquid not dissolved in water).

"Gathering lines" means any pipeline, equipment, facility, or building used in the transportation of oil or gas during oil or gas production or gathering operations.

"Hazardous substance UST system" means an underground storage tank system that contains a hazardous substance defined in §101(14) of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980 (42 USC §9601 et seq.) (but not including any substance regulated as a hazardous waste under subtitle C of RCRA) or any mixture of such substances and petroleum, and which is not a petroleum UST system.

"Heating oil" means petroleum that is No. 1, No. 2, No. 4--light, No. 4--heavy, No. 5--light, No. 5--heavy, and No. 6 technical grades of fuel oil; other residual fuel oils (including Navy Special Fuel Oil and Bunker C); and other fuels when used as substitutes for one of these fuel oils. Heating oil is typically used in the operation of heating equipment, boilers, or furnaces.

"Hydraulic lift tank" means a tank holding hydraulic fluid for a closed-loop mechanical system that uses compressed air or hydraulic fluid to operate lifts, elevators, and other similar devices.

"Liquid trap" means sumps, well cellars, and other traps used in association with oil and gas production, gathering, and extraction operations (including gas production plants), for the purpose of collecting oil, water, and other liquids. These liquid traps may temporarily collect liquids for subsequent disposition or reinjection into a production or pipeline stream, or may collect and separate liquids from a gas stream.

"Maintenance" means the normal operational upkeep to prevent an underground storage tank system from releasing product.

"Motor fuel" means petroleum or a petroleum-based substance that is motor gasoline, aviation gasoline, No. 1 or No. 2 diesel fuel, or any grade of gasohol, and is typically used in the operation of a motor engine.

"New tank system" means a tank system that will be used to contain an accumulation of regulated substances and for which installation has commenced after December 22, 1988 (See also "existing tank system").

"Noncommercial purposes" with respect to motor fuel means not for resale.

"On the premises where stored" with respect to heating oil means UST systems located on the same property where the stored heating oil is used.

"Operational life" refers to the period beginning when installation of the tank system has commenced until the time the tank system is properly closed under Part VII.

"Operator" means any person in control of, or having responsibility for, the daily operation of the UST system.

"Overfill release" is a release that occurs when a tank is filled beyond its capacity, resulting in a discharge of the regulated substance to the environment.

"Owner" means:

1. In the case of a UST system in use on November 8, 1984, or brought into use after that date, any person who owns a use on November 8, 1984, or brought into use after that date, any person who owns a UST system used for storage, use, or dispensing of regulated substances; and

2. In the case of any UST system in use before November 8, 1984, but no longer in use on that date, any person who owned such UST immediately before the discontinuation of its use.

"Person" means an individual, trust, firm, joint stock company, corporation, including a government corporation, partnership, association, any state or agency of it, municipality, county, town, commission, political subdivision of a state, any interstate body, consortium, joint venture, commercial entity, the government of the United States or any unit or agency of it.

"Petroleum UST system" means an underground storage tank system that contains petroleum or a mixture of petroleum with de minimis quantities of other regulated substances. Such systems include those containing motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, and used oils.

"Pipe" or "piping" means a hollow cylinder or tubular conduit that is constructed of nonearthen materials.

"Pipeline facilities (including gathering lines)" are new and existing pipe rights-of-way and any associated equipment, facilities, or buildings.

"RCRA" means the federal Resource Conservation and Recovery Act of 1976 as amended (42 USC §6901 et seq.).

"Regulated substance" means an element, compound, mixture, solution, or substance that, when released into the environment, may present substantial danger to the public health or welfare, or the environment. The term "regulated substance" includes:

1. Any substance defined in §101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 (42 USC §9601 et seq.), but not any substance regulated as a hazardous waste under subtitle C of the Resource Conservation and Recovery Act (RCRA) of 1976 (42 USC §6901 et seq.); and

2. Petroleum, including crude oil or any fraction of it, that is liquid at standard conditions of temperature and pressure (60°F and 14.7 pounds per square inch absolute). The term "regulated substance" includes but is not limited to petroleum and petroleum-based substances comprised of a complex blend of hydrocarbons derived from crude oil through processes of separation, conversion, upgrading, and finishing, such as motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, and used oils.

"Release" means any spilling, leaking, emitting, discharging, escaping, leaching or disposing from an UST into groundwater, surface water or subsurface soils.

"Release detection" means determining whether a release of a regulated substance has occurred from the UST system into the environment or into the interstitial space between the UST system and its secondary barrier or secondary containment around it.

"Repair" means to restore a tank or UST system component that has caused a release of product from the UST system.

"Residential tank" is a tank located on property used primarily for dwelling purposes.

"SARA" means the Superfund Amendments and Reauthorization Act of 1986.

"Septic tank" is a water-tight covered receptacle designed to receive or process, through liquid separation or biological digestion, the sewage discharged from a building sewer. The effluent from such receptacle is distributed for disposal through the soil and settled solids and scum from the tank are pumped out periodically and hauled to a treatment facility.

"Storm water or waste water collection system" means piping, pumps, conduits, and any other equipment necessary to collect and transport the flow of surface water run-off resulting from precipitation, or domestic, commercial, or industrial wastewater to and from retention areas or any areas where treatment is designated to occur. The collection of storm water and wastewater does not include treatment except where incidental to conveyance.

"Surface impoundment" is a natural topographic depression, man-made excavation, or diked area formed primarily of earthen materials (although it may be lined with man-made materials) that is not an injection well.

"Tank" is a stationary device designed to contain an accumulation of regulated substances and constructed of nonearthen materials (e.g., concrete, steel, plastic) that provide structural support.

"Underground area" means an underground room, such as a basement, cellar, shaft or vault, providing enough space for physical inspection of the exterior of the tank situated on or above the surface of the floor.

"Underground release" means any belowground release.

"Underground storage tank" or "UST" means any one or combination of tanks (including underground pipes connected to it) that is used to contain an accumulation of regulated substances, and the volume of which (including the volume of underground pipes connected to it) is 10% or more beneath the surface of the ground. This term does not include any:

1. Farm or residential tank of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. Tank used for storing heating oil for consumption on the premises where stored, except for tanks having a capacity of more than 5,000 gallons and used for storing heating oil;
3. Septic tank;
4. Pipeline facility (including gathering lines) regulated under:
  - a. The Natural Gas Pipeline Safety Act of 1968 (49 USC App. 1671, et seq.), or
  - b. The Hazardous Liquid Pipeline Safety Act of 1979 (49 USC App. 2001, et seq.);
  - c. Which is an intrastate pipeline facility regulated under state laws comparable to the provisions of the law referred to in subdivisions 4 a or 4 b of this definition;
5. Surface impoundment, pit, pond, or lagoon;
6. Storm water or wastewater collection system;
7. Flow-through process tank;

8. Liquid trap or associated gathering lines directly related to oil or gas production and gathering operations; or

9. Storage tank situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

The term "underground storage tank" or "UST" does not include any pipes connected to any tank which is described in subdivisions 1 through 9 of this definition.

"Upgrade" means the addition or retrofit of some systems such as cathodic protection, lining, or spill and overflow controls to improve the ability of an underground storage tank system to prevent the release of product.

"UST system" or "tank system" means an underground storage tank, connected underground piping, underground ancillary equipment, and containment system, if any.

"Wastewater treatment tank" means a tank that is designed to receive and treat an influent wastewater through physical, chemical, or biological methods.

#### 9 VAC 25-580-20. Applicability.

A. The requirements of this chapter apply to all owners and operators of a UST system as defined in 9 VAC 25-580-10 except as otherwise provided in subsections B, C, and D of this section. Any UST system listed in subsection C of this section must meet the requirements of 9 VAC 25-580-30.

B. The following UST systems are excluded from the requirements of this chapter:

1. Any UST system holding hazardous wastes listed or identified under Subtitle C of the Solid Waste Disposal Act (33 USC §1251 et seq.), or a mixture of such hazardous waste and other regulated substances;

2. Any wastewater treatment tank system that is part of a wastewater treatment facility regulated under §402 or §307(b) of the Clean Water Act;

3. Equipment or machinery that contains regulated substances for operational purposes such as hydraulic lift tanks and electrical equipment tanks;

4. Any UST system whose capacity is 110 gallons or less;

5. Any UST system that contains a de minimis concentration of regulated substances; and

6. Any emergency spill or overflow containment UST system that is expeditiously emptied after use.

C. Deferrals. Parts II, III, IV, V, and VII of this chapter do not apply to any of the following types of UST systems:

1. Wastewater treatment tank systems;
2. Any UST systems containing radioactive material that are regulated under the Atomic Energy Act of 1954 (42 USC 2011 et seq.);
3. Any UST system that is part of an emergency generator system at nuclear power generation facilities regulated by the Nuclear Regulatory Commission under 10 CFR 50, Appendix A;
4. Airport hydrant fuel distribution systems; and
5. UST systems with field-constructed tanks.

D. Deferrals. Part IV does not apply to any UST system that stores fuel solely for use by emergency power generators.

9 VAC 25-580-30. Interim prohibition for deferred UST systems.

No person may install a UST system listed in subsection C of 9 VAC 25-580-20 for the purpose of storing regulated substances unless the UST system (whether of single-wall or double-wall construction):

1. Will prevent releases due to corrosion or structural failure for the operational life of the UST system;
2. Is cathodically protected against corrosion, constructed of noncorrodible material, steel clad with a noncorrodible material, or designed in a manner to prevent the release or threatened release of any stored substance; and
3. Is constructed or lined with material that is compatible with the stored substance.

9 VAC 25-580-40. Permitting and inspection requirements for all UST systems.

In all instances of installation, upgrade, repair and closure where a UST system is constructed, enlarged, altered, repaired or closed all UST systems must be permitted and inspected in accordance with 9 VAC 25-580-50, 9 VAC 25-580-60, 9 VAC 25-580-110, 9 VAC 25-580-160, 9 VAC 25-580-170, 9 VAC 25-580-310 and 9 VAC 25-580-320.

## PART II.

### UST Systems: Design, Construction, Installation, and Notification.

- 9 VAC 25-580-50. Performance standards for new UST systems.
- 9 VAC 25-580-60. Upgrading of existing UST systems.
- 9 VAC 25-580-70. Notification requirements.

9 VAC 25-580-50. Performance standards for new UST systems.

Owners and operators must obtain a permit, the required inspections and a Certificate of Use issued in accordance with the provisions of the Virginia Uniform Statewide Building Code. No UST system shall be installed or placed into use without the owner and operator having obtained the required permit, inspections and Certificate of Use from the building official under the provisions of the Virginia Uniform Statewide Building Code (§36-97 et seq. of the Code of Virginia).

In the case of state-owned facilities the Department of General Services shall function as the building official in accordance with §36-98.1 of the Code of Virginia.

In the case of federal facilities the building official must be contacted. Owners and operators must obtain a permit, the required inspections and a Certificate of Use must be issued in accordance with the provisions of the Virginia Uniform Statewide Building Code.

In order to prevent releases due to structural failure, corrosion, or spills and overfills for as long as the UST system is used to store regulated substances, all owners and operators of new UST systems must meet the following requirements.

#### 1. Tanks.

Each tank must be properly designed and constructed, and any portion underground that routinely contains product must be protected from corrosion, in accordance with a code of practice developed by a nationally recognized association or independent testing laboratory as specified below:

a. The tank is constructed of fiberglass-reinforced plastic;

NOTE: The following industry codes may be used to comply with subdivision 1 a of this section: Underwriters Laboratories Standard 1316, "Standard for Glass-Fiber-Reinforced Plastic Underground Storage Tanks for Petroleum Products"; Underwriters Laboratories of Canada CAN4-S615-M83, "Standard for Reinforced Plastic Underground Tanks for Petroleum Products"; or American Society of Testing and Materials Standard D4021-86, "Standard Specification for Glass-Fiber-Reinforced Polyester Underground Petroleum Storage Tanks."

b. The tank is constructed of steel and cathodically protected in the following manner:

(1) The tank is coated with a suitable dielectric material;

(2) Field-installed cathodic protection systems are designed by a corrosion expert;

(3) Impressed current systems are designed to allow determination of current operating status as required in subdivision 3 of 9 VAC 25-580-90; and

(4) Cathodic protection systems are operated and maintained in accordance with 9 VAC 25-580-90;

NOTE: The following codes and standards may be used to comply with subdivision 1 b of this section:

(a) Steel Tank Institute "Specification for STI-P3 System of External Corrosion Protection of Underground Steel Storage Tanks";

(b) Underwriters Laboratories Standard 1746, "Corrosion Protection Systems for Underground Storage Tanks";

(c) Underwriters Laboratories of Canada CAN4-S603-M85, "Standard for Steel Underground Tanks for Flammable and Combustible Liquids," and CAN4-G03.1-M85, "Standard for Galvanic Corrosion Protection Systems for Underground Tanks for Flammable and Combustible Liquids," and CAN4-S631-M84, "Isolating Bushings for Steel Underground Tanks Protected with Coatings and Galvanic Systems"; or

(d) National Association of Corrosion Engineers Standard RP-02-85, "Control of External Corrosion on Metallic Buried, Partially Buried, or Submerged Liquid Storage Systems," and Underwriters Laboratories Standard 58 "Standard for Steel Underground Tanks for Flammable and Combustible Liquids."

c. The tank is constructed of a steel-fiberglass reinforced-plastic composite; or

NOTE: The following industry codes may be used to comply with subdivision 1 c of this section: Underwriters Laboratories Standard 1746, "Corrosion Protection Systems for Underground Storage Tanks," or the Association for Composite Tanks ACT-100, "Specification for the Fabrication of FRP Clad Underground Storage Tanks."

d. The tank construction and corrosion protection are determined by the board to be designed to prevent the release or threatened release of any stored regulated substance in a manner

that is no less protective of human health and the environment than subdivisions 1 a through c of this section.

2. Piping. The piping that routinely contains regulated substances (e.g., fill pipes, product lines) and is in contact with the ground must be properly designed, constructed, and protected from corrosion in accordance with a code of practice developed by a nationally recognized association or independent testing laboratory as specified below:

a. The piping is constructed of fiberglass-reinforced plastic.

NOTE: The following codes and standards may be used to comply with subdivision 2 b of this section:

(1) Underwriters Laboratories Subject 971, "UL Listed Non-Metal Pipe";

(2) Underwriters Laboratories Standard 567, "Pipe Connectors for Flammable and Combustible and LP Gas";

(3) Underwriters Laboratories of Canada Guide ULC-107, "Glass Fiber Reinforced Plastic Pipe and Fittings for Flammable Liquids"; and

(4) Underwriters Laboratories of Canada Standard CAN 4-S633-M81, "Flexible Underground Hose Connectors."

b. The piping is constructed of steel and cathodically protected in the following manner:

(1) The piping is coated with a suitable dielectric material;

(2) Field-installed cathodic protection systems are designed by a corrosion expert;

(3) Impressed current systems are designed to allow determination of current operating status as required in subsection C of 9 VAC 25-580-90; and

(4) Cathodic protection systems are operated and maintained in accordance with 9 VAC 25-580-90; or

NOTE: The following codes and standards may be used to comply with subdivision 2 b of this section:

(a) National Fire Protection Association Standard 30, "Flammable and Combustible Liquids Code";

(b) American Petroleum Institute Publication 1615, "Installation of Underground Petroleum Storage Systems";

(c) American Petroleum Institute Publication 1632, "Cathodic Protection of Underground Petroleum Storage Tanks and Piping Systems"; and

(d) National Association of Corrosion Engineers Standard RP-01-69, "Control of External Corrosion on Submerged Metallic Piping Systems."

c. The piping construction and corrosion protection are determined by the board to be designed to prevent the release or threatened release of any stored regulated substance in a manner that is no less protective of human health and the environment than the requirements in subdivisions 2 a through b of this section.

### 3. Spill and overflow prevention equipment.

a. Except as provided in subdivision 3 b of this section, to prevent spilling and overflowing associated with product transfer to the UST system, owners and operators must use the following spill and overflow prevention equipment:

(1) Spill prevention equipment that will prevent release of product to the environment when the transfer hose is detached from the fill pipe (for example, a spill catchment basin); and

(2) Overflow prevention equipment that will:

(a) Automatically shut off flow into the tank when the tank is no more than 95% full; or

(b) Alert the transfer operator when the tank is no more than 90% full by restricting the flow into the tank or triggering a high-level alarm.

b. Owners and operators are not required to use the spill and overflow prevention equipment specified in subdivision 3 a of this section if:

(1) Alternative equipment is used that is determined by the board to be no less protective of human health and the environment than the equipment specified in subdivision 3 a (1) or (2) of this section; or

(2) The UST system is filled by transfers of no more than 25 gallons at one time.

4. Installation. All tanks and piping must be properly installed in accordance with a code of practice developed by a nationally recognized association or independent testing laboratory in accordance with the manufacturer's instructions.

NOTE: Tank and piping system installation practices and procedures described in the following codes may be used to comply with the requirements of subsection 4 of this section:

- a. American Petroleum Institute Publication 1615, "Installation of Underground Petroleum Storage System";
- b. Petroleum Equipment Institute Publication RP100, "Recommended Practices for Installation of Underground Liquid Storage Systems"; or
- c. American National Standards Institute Standard B31.3, "Petroleum Refinery Piping," and American National Standards Institute Standard B31.4 "Liquid Petroleum Transportation Piping System."

NOTE: These industry codes require that prior to bringing the system into use the following tests be performed: (i) tank tightness test (air); (ii) pipe tightness test (air or hydrostatic); and (iii) precision system test in accordance with NFPA 329 (detection of .05 gal/hr leak rate).

5. Certification of installation. All owners and operators must ensure that one or more of options a through d of the following methods of certification, testing, or inspection is performed, and a Certificate of Use has been issued in accordance with the provisions of the Virginia Uniform Statewide Building Code to demonstrate compliance with subsection 4 of this section. A certification of compliance on the UST Notification form must be submitted to the board in accordance with 9 VAC 25-580-70.

- a. The installer has been certified by the tank and piping manufacturers;

- b. The installation has been inspected and certified by a registered professional engineer with education and experience in UST system installation;

- c. All work listed in the manufacturer's installation checklists has been completed;

- d. The owner and operator have complied with another method for ensuring compliance with subsection 4 of this section that is determined by the board to be no less protective of human health and the environment.

F. Release detection. Release detection shall be provided in accordance with Part IV of this chapter.

9 VAC 25-580-60. Upgrading of existing UST systems.

Owners and operators must obtain a permit and the required inspections in accordance with the provisions of the Virginia Uniform Statewide Building Code (§36.97 et seq. of the Code of Virginia).

A permit from the building official must be obtained prior to upgrading any UST system. No upgraded UST system shall be placed into use unless and until the system is inspected in accordance with the provisions of the Virginia Uniform Statewide Building Code (§36.97 et seq. of the Code of Virginia).

In the case of state facilities the Department of General Services shall function as the building official in accordance with §36-98.1 of the Code of Virginia.

In the case of federal facilities the building official must be contacted. Owners and operators must obtain a permit and the required inspections in accordance with the provisions of the Virginia Uniform Statewide Building Code (§36.97 et seq. of the Code of Virginia).

1. Alternatives allowed. Not later than December 22, 1998, all existing UST systems must comply with one of the following requirements:

a. New UST system performance standards under 9 VAC 25-580-50;

b. The upgrading requirements in subsections 2 through 5 of this section; or

c. Closure requirements under Part VII of this chapter, including applicable requirements for corrective action under Part VI.

2. Tank upgrading requirements. Steel tanks must be upgraded to meet one of the following requirements in accordance with a code of practice developed by a nationally recognized association or independent testing laboratory:

a. Interior lining. A tank may be upgraded by internal lining if:

(1) The lining is installed in accordance with the requirements of 9 VAC 25-580-110, and

(2) Within 10 years after lining, and every five years thereafter, the lined tank is internally inspected and found to be structurally sound with the lining still performing in accordance with original design specifications.

b. Cathodic protection. A tank may be upgraded by cathodic protection if the cathodic protection system meets the requirements of 9 VAC 25-580-50 1 b (2), (3), and (4) and the integrity of the tank is ensured using one of the following methods:

(1) The tank is internally inspected and assessed to ensure that the tank is structurally sound and free of corrosion holes prior to installing the cathodic protection system; or

(2) The tank has been installed for less than 10 years and is monitored monthly for releases in accordance with subsections 4 through 8 of 9 VAC 25-580-160; or

(3) The tank has been installed for less than 10 years and is assessed for corrosion holes by conducting two tightness tests that meet the requirements of subsection C of 9 VAC 25-580-160. The first tightness test must be conducted prior to installing the cathodic protection system. The second tightness test must be conducted between three and six months following the first operation of the cathodic protection system; or

(4) The tank is assessed for corrosion holes by a method that is determined by the board to prevent releases in a manner that is no less protective of human health and the environment than subdivisions 2 b (1) through (3) of this section.

c. Internal lining combined with cathodic protection. A tank may be upgraded by both internal lining and cathodic protection if:

(1) The lining is installed in accordance with the requirements of 9 VAC 25-580-110; and

(2) The cathodic protection system meets the requirements of subdivisions 1 b (2), (3), and (4) of 9 VAC 25-580-50.

NOTE: The following codes and standards may be used to comply with this section:

(a) American Petroleum Institute Publication 1631, "Recommended Practice for the Interior Lining of Existing Steel Underground Storage Tanks";

(b) National Leak Prevention Association Standard 631, "Spill Prevention, Minimum 10 Year Life Extension of Existing Steel Underground Tanks by Lining Without the Addition of Cathodic Protection";

(c) National Association of Corrosion Engineers Standard RP-02-85, "Control of External Corrosion on Metallic Buried, Partially Buried, or Submerged Liquid Storage Systems"; and

(d) American Petroleum Institute Publication 1632, "Cathodic Protection of Underground Petroleum Storage Tanks and Piping Systems."

3. Piping upgrading requirements. Metal piping that routinely contains regulated substances and is in contact with the ground must be cathodically protected in accordance with a code of practice developed by a nationally recognized association or independent testing laboratory and must meet the requirements of subdivisions 2 b (2), (3) and (4) of 9 VAC 25-580-50.

NOTE: The codes and standards listed in the note following subdivision 2 b of 9 VAC 25-580-50 may be used to comply with this requirement.

4. Spill and overflow prevention equipment. To prevent spilling and overflowing associated with product transfer to the UST system, all existing UST systems must comply with new UST system spill and overflow prevention equipment requirements specified in subsection 3 of 9 VAC 25-580-50.

E. Release detection. Release detection shall be provided in accordance with Part IV of this chapter.

9 VAC 25-580-70. Notification requirements.

A. Any owner who brings an underground storage tank system into use after May 8, 1986, must within 30 days of bringing such tank into use, submit, in the form prescribed in APPENDIX I of this chapter, a notice of existence of such tank system to the board. Any change in ownership, tank status (e.g., temporarily/permanently closed out), tank/piping systems (e.g., upgrades such as addition of corrosion protection, internal lining, release detection), substance stored (e.g., change from petroleum to hazardous substance) requires the UST owner to submit an amended notification form within 30 days after such change/upgrade occurs or is brought into use. Owners may provide notice for several tanks using one notification form, but owners with tanks located at more than one place of operation must file a separate notification form for each separate place of operation.

B. Under Virginia UST notification requirements effective July 1, 1987, owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground, must notify the board on the notification form.

NOTE: Under the federal UST Notification Program, owners and operators of UST systems that were in the ground on or after May 8, 1986, unless taken out of operation on or before January 1, 1974, were required to notify the board in accordance with the

Hazardous and Solid Waste Amendments of 1984, P.L. 98-616 (42 USC §9603) on a form published by EPA on November 8, 1985, (50 FR 46602) unless notice was given pursuant to §103(c) of CERCLA. Owners and operators who have not complied with the notification requirements may use portions I through VI of the notification form contained in APPENDIX I of this chapter.

C. Notices required to be submitted under subsection A of this section must provide all of the information in Sections I through VI of the prescribed form (APPENDIX I) for each tank for which notice must be given. Notices for tanks installed after December 22, 1988, must also provide all of the information in Section VII of the prescribed form (APPENDIX I) for each tank for which notice must be given.

D. All owners and operators of new UST systems must certify in the notification form compliance with the following requirements:

1. Installation of tanks and piping under subsection 5 of 9 VAC 25-580-50;

2. Cathodic protection of steel tanks and piping under subsections 1 and 2 of 9 VAC 25-580-50;

3. Financial responsibility under financial responsibility regulations promulgated by the board.

4. Release detection under 9 VAC 25-580-140 and 9 VAC 25-580-150.

E. All owners and operators of new UST systems must ensure that the installer certifies in the notification form that the methods used to install the tanks and piping comply with the requirements in subsection 4 of 9 VAC 25-580-50.

F. Beginning October 24, 1988, any person who sells a tank intended to be used as an underground storage tank must notify the purchaser of such tank of the owner's notification obligations under subsection A of this section. The statement provided in APPENDIX II of this chapter may be used to comply with this requirement.

### PART III.

#### General Operating Requirements.

- |                   |  |
|-------------------|--|
| 9 VAC 25-580-80.  | Spill and overfill control.                        |
| 9 VAC 25-580-90.  | Operation and maintenance of corrosion protection. |
| 9 VAC 25-580-100. | Compatibility.                                     |
| 9 VAC 25-580-110. | Repairs allowed.                                   |
| 9 VAC 25-580-120. | Reporting and recordkeeping.                       |

9 VAC 25-580-80. Spill and overfill control.

A. Owners and operators must ensure that releases due to spilling or overfilling do not occur. The owner and operator must ensure that the volume available in the tank is greater than the volume of product to be transferred to the tank before the transfer is made and that the transfer operation is monitored constantly to prevent overfilling and spilling.

NOTE: The transfer procedures described in National Fire Protection Association Publication 385 may be used to comply with subsection A of this section. Further guidance on spill and overfill prevention appears in American Petroleum Institute Publication 1621, "Recommended Practice for Bulk Liquid Stock Control at Retail Outlets," and National Fire Protection Association Standard 30, "Flammable and Combustible Liquids Code."

B. The owner and operator must report, investigate, and clean up any spills and overfills in accordance with 9 VAC 25-580-220.

9 VAC 25-580-90. Operation and maintenance of corrosion protection.

All owners and operators of steel UST systems with corrosion protection must comply with the following requirements to ensure that releases due to corrosion are prevented for as long as the UST system is used to store regulated substances:

1. All corrosion protection systems must be operated and maintained to continuously provide corrosion protection to the metal components of that portion of the tank and piping that routinely contain regulated substances and are in contact with the ground.

2. All UST systems equipped with cathodic protection systems must be inspected for proper operation by a qualified cathodic protection tester in accordance with the following requirements:

a. Frequency. All cathodic protection systems must be tested within six months of installation and at least every three years after that; and

b. Inspection criteria. The criteria that are used to determine that cathodic protection is adequate as required by this section must be in accordance with a code of practice developed by a nationally recognized association.

NOTE: National Association of Corrosion Engineers Standard RP-02-85, "Control of External Corrosion on Metallic Buried, Partially Buried, or Submerged Liquid Storage Systems," may be used to comply with subdivision 2 b of this section.

3. UST systems with impressed current cathodic protection systems must also be inspected every 60 days to ensure the equipment is running properly. These systems only provide the necessary corrosion protection when in continuous operation. Such equipment shall be installed so that it cannot be inadvertently shut off; and

4. For UST systems using cathodic protection, records of the operation of the cathodic protection must be maintained (in accordance with 9 VAC 25-580-120) to demonstrate compliance with the performance standards in this section. These records must provide the following:

a. The results of the last three inspections required in subdivision 3 of this section; and

b. The results of testing from the last two inspections required in subdivision 2 of this section.

9 VAC 25-580-100. Compatibility.

Owners and operators must use a UST system made of or lined with materials that are compatible with the substance stored in the UST system.

NOTE: Owners and operators storing alcohol blends may use the following codes to comply with the requirements of this section:

1. American Petroleum Institute Publication 1626, "Storing and Handling Ethanol and Gasoline-Ethanol Blends at Distribution Terminals and Service Stations"; and

2. American Petroleum Institute Publication 1627, "Storage and Handling of Gasoline-Methanol/Cosolvent Blends at Distribution Terminals and Service Stations."

9 VAC 25-580-110. Repairs allowed.

Owners and operators must obtain a permit and the required inspections in accordance with the provisions of the Virginia Uniform Statewide Building Code (§36-97 et seq. of the Code of Virginia).

A permit from the building official must be obtained prior to repairing any UST system. No repaired UST system shall be placed into use unless and until the system is inspected in accordance with the provisions of the Virginia Uniform Statewide Building Code (§36-97 et seq. of the Code of Virginia).

In the case of state facilities the Department of General Services shall function as the building official in accordance with §36-98.1 of the Code of Virginia.

In the case of federal facilities the building official must be contacted. Owners and operators must obtain a permit and the required inspections in accordance with the provisions of the Virginia Uniform Statewide Building Code (§36-97 et seq. of the Code of Virginia)..

Owners and operators of UST systems must ensure that repairs will prevent releases due to structural failure or corrosion as long as the UST system is used to store regulated substances. The repairs must meet the following requirements:

1. Repairs to UST systems must be properly conducted in accordance with a code of practice developed by a nationally recognized association or an independent testing laboratory.

NOTE: The following codes and standards may be used to comply with subdivision 1 of this section: National Fire Protection Association Standard 30, "Flammable and Combustible Liquids Code"; American Petroleum Institute Publication 2200, "Repairing Crude Oil, Liquefied Petroleum Gas, and Product Pipelines"; American Petroleum Institute Publication 1631, "Recommended Practice for the Interior Lining of Existing Steel Underground Storage Tanks"; and National Leak Prevention Association Standard 631, "Spill Prevention, Minimum 10 Year Life Extension of Existing Steel Underground Tanks by Lining Without the Addition of Cathodic Protection."

2. Repairs to fiberglass-reinforced plastic tanks may be made by the manufacturer's authorized representatives or in accordance with a code of practice developed by a nationally recognized association or an independent testing laboratory.

3. Metal pipe sections and fittings that have released product as a result of corrosion or other damage must be replaced. Fiberglass pipes and fittings may be repaired in accordance with the manufacturer's specifications.

4. Repaired tanks and piping must be tightness tested in accordance with subsection 3 of 9 VAC 25-580-160 and subdivision 2 of 9 VAC 25-580-170 within 30 days following the date of the completion of the repair except as provided in subdivisions 4 a through c of this section:

- a. The repaired tank is internally inspected in accordance with a code of practice developed by a nationally recognized association or an independent testing laboratory;

- b. The repaired portion of the UST system is monitored monthly for releases in accordance with a method specified in subsections 4 through 8 of 9 VAC 25-580-160; or

c. Another test method is used that is determined by the board to be no less protective of human health and the environment than those listed above.

5. Within six months following the repair of any cathodically protected UST system, the cathodic protection system must be tested in accordance with subsections 2 and 3 of 9 VAC 25-580-90 to ensure that it is operating properly.

6. UST system owners and operators must maintain records of each repair for the remaining operating life of the UST system that demonstrate compliance with the requirements of this section.

#### 9 VAC 25-580-120. Reporting and recordkeeping.

Owners and operators of UST systems must cooperate fully with inspections, monitoring and testing conducted by the board, as well as requests for document submission, testing, and monitoring by the owner or operator pursuant to §9005 of Subtitle I of the Resource Conservation and Recovery Act, as amended.

1. Reporting. Owners and operators must submit the following information to the board:

a. Notification for all UST systems (9 VAC 25-580-70), which includes certification of installation for new UST systems (9 VAC 25-580-50 5),

b. Reports of all releases including suspected releases (9 VAC 25-580-190), spills and overfills (9 VAC 25-580-220), and confirmed releases (9 VAC 25-580-240);

c. Corrective actions planned or taken including initial abatement measures (9 VAC 25-580-250), site characterization (9 VAC 25-580-260), free product removal (9 VAC 25-580-270), and corrective action plan (9 VAC 25-580-280); and

d. An amended notification form must be submitted within 30 days after permanent closure or change-in-service (9 VAC 25-580-320).

2. Recordkeeping. Owners and operators must maintain the following information:

a. Documentation of operation of corrosion protection equipment (9 VAC 25-580-90);

b. Documentation of UST system repairs (9 VAC 25-580-110);

c. Recent compliance with release detection requirements (9 VAC 25-580-180); and

d. Results of the site investigation conducted at permanent closure (9 VAC 25-580-350).

3. Availability and maintenance of records. Owners and operators must keep the records required either:

a. At the UST site and immediately available for inspection by the board; or

b. At a readily available alternative site and be provided for inspection to the board upon request.

In the case of permanent closure records required under 9 VAC 25-580-350, owners and operators are also provided with the additional alternative of mailing closure records to the board if they cannot be kept at the site or an alternative site as indicated above.

#### PART IV.

##### Release Detection.

- 9 VAC 25-580-130. General requirements for all petroleum and hazardous substance UST systems.
- 9 VAC 25-580-140. Requirements for petroleum UST systems.
- 9 VAC 25-580-150. Requirements for hazardous substance UST systems.
- 9 VAC 25-580-160. Methods of release detection for tanks.
- 9 VAC 25-580-170. Methods of release detection for piping.
- 9 VAC 25-580-180. Release detection record keeping.

9 VAC 25-580-130. General requirements for all petroleum and hazardous substance UST systems.

A. Owners and operators of new and existing UST systems must provide a method, or combination of methods, of release detection that:

1. Can detect a release from any portion of the tank and the connected underground piping that routinely contains product;

2. Is installed, calibrated, operated, and maintained in accordance with the manufacturer's instructions, including routine maintenance and service checks for operability or running condition; and

3. Meets the performance requirements in 9 VAC 25-580-160 or

9 VAC 25-580-170, with any performance claims and their manner of determination described in writing by the equipment manufacturer or installer. In addition, methods used after December 22, 1990, except for methods permanently installed prior to that date, must be capable of detecting the leak rate or quantity specified for that method in subsections 2, 3 and 4 of 9 VAC 25-580-160 or subdivisions 1 and 2 of 9 VAC 25-580-170 with a probability of detection of 0.95 and a probability of false alarm of 0.05.

B. When a release detection method operated in accordance with the performance standards in 9 VAC 25-580-160 or 9 VAC 25-580-170 indicates a release may have occurred, owners and operators must notify the board in accordance with Part V of this chapter.

C. Owners and operators of all UST systems must comply with the release detection requirements of this part by December 22 of the year listed in the following table:

SCHEDULE FOR PHASE-IN OF RELEASE DETECTION

Year system was installed	Year when release detection is required (by December 22 of the year indicated)					
		1989	1990	1991	1992	1993
Before 1965 or date unknown	RD*		P			
1965-1969			P/RD			
1970-1974			P	RD		
1975-1979			P		RD	
1980-1988			P			RD

New tanks (after December 22, 1988) immediately upon installation.

P = Must begin release detection for all pressurized piping in accordance with subdivision 2 a of 9 VAC 25-580-140.

RD = Must begin release detection for tanks and suction piping in accordance with subsection 1 and subdivision 2 b of 9 VAC 25-580-140, and 9 VAC 25-580-150.

\* = Heating oil tanks greater than 5,000 gallons capacity installed before 1965 or date unknown are allowed until December 22, 1990, to comply with this requirement.

D. Any existing UST system that cannot apply a method of release detection that complies with the requirements of this part must complete the closure procedures in Part VII by the date on which release detection is required for that UST system under subsection C of this section.

9 VAC 25-580-140. Requirements for petroleum UST systems.

Owners and operators of petroleum UST systems must provide release detection for tanks and piping as follows:

1. Tanks. Tanks must be monitored at least every 30 days for releases using one of the methods listed in subsections 4 through 8 of 9 VAC 25-580-160 except that:

a. UST systems that meet the performance standards in subsections 1 through 5 of 9 VAC 25-580-50 or subsections 1 through 4 of 9 VAC 25-580-60 may use both monthly inventory control requirements in subsection 1 or 2 of 9 VAC 25-580-160, and tank tightness testing (conducted in accordance with subsection 3 of 9 VAC 25-580-160 at least every five years until December 22, 1998, or until 10 years after the tank is installed or upgraded under subsection 2 of 9 VAC 25-580-60, whichever is later;

b. UST systems that do not meet the performance standards in 9 VAC 25-580-50 or 9 VAC 25-580-60 may use monthly inventory controls (conducted in accordance with subsection 1 or 2 of 9 VAC 25-580-160) and annual tank tightness testing (conducted in accordance with subsection 3 of 9 VAC 25-580-160) until December 22, 1998, when the tank must be upgraded under 9 VAC 25-580-60 or permanently closed under 9 VAC 25-580-320; and

c. Tanks with capacity of 550 gallons or less may use weekly tank gauging (conducted in accordance with subsection 2 of 9 VAC 25-580-160).

2. Piping. Underground piping that routinely contains regulated substances must be monitored for releases in a manner that meets one of the following requirements:

a. Pressurized piping. Underground piping that conveys regulated substances under pressure must:

(1) Be equipped with an automatic line leak detector conducted in accordance with subdivision 1 of 9 VAC 25-580-170; and

(2) Have an annual line tightness test conducted in accordance with subdivision 2 of 9 VAC 25-580-170 or have monthly monitoring conducted in accordance with subdivision 3 of 9 VAC 25-580-170.

b. Suction piping. Underground piping that conveys regulated substances under suction must either have a line tightness test conducted at least every three years and in accordance with subdivision 2 of 9 VAC 25-580-170, or use a monthly monitoring method conducted in accordance with subdivision 3 of 9 VAC 25-580-170. No release detection is required for suction piping that is designed and constructed to meet the following standards:

(1) The below-grade piping operates at less than atmospheric pressure;

(2) The below-grade piping is sloped so that the contents of the pipe will drain back into the storage tank if the suction is released;

(3) Only one check valve is included in each suction line;

(4) The check valve is located directly below and as close as practical to the suction pump; and

(5) A method is provided that allows compliance with subdivisions 2 b (2) through (4) of this section to be readily determined.

#### 9 VAC 25-580-150. Requirements for hazardous substance UST systems.

Owners and operators of hazardous substance UST systems must provide release detection that meets the following requirements:

1. Release detection at existing UST systems must meet the requirements for petroleum UST systems in 9 VAC 25-580-140. By December 22, 1998, all existing hazardous substance UST systems must meet the release detection requirements for new systems in subdivision 2 of this section.

2. Release detection at new hazardous substance UST systems must meet the following requirements:

a. Secondary containment systems must be designed, constructed and installed to:

(1) Contain regulated substances released from the tank system until they are detected and removed;

(2) Prevent the release of regulated substances to the environment at any time during the operational life of the UST system; and

(3) Be checked for evidence of a release at least every 30 days.

NOTE: The provisions of 40 CFR 265.193, Containment and Detection of Releases, may be used to comply with these requirements.

b. Double-walled tanks must be designed, constructed, and installed to:

(1) Contain a release from any portion of the inner tank within the outer wall; and

(2) Detect the failure of the inner wall.

c. External liners (including vaults) must be designed, constructed, and installed to:

(1) Contain 100% of the capacity of the largest tank within its boundary;

(2) Prevent the interference of precipitation or ground-water intrusion with the ability to contain or detect a release of regulated substances; and

(3) Surround the tank completely (i.e., it is capable of preventing lateral as well as vertical migration of regulated substances).

d. Underground piping must be equipped with secondary containment that satisfies the requirements of subdivision 2 a of this section (e.g., trench liners, jacketing of double-walled pipe). In addition, underground piping that conveys regulated under pressure must be equipped with an automatic line leak detector in accordance with subdivision 1 of 9 VAC 25-580-170.

e. Other methods of release detection may be used if owners and operators:

(1) Demonstrate to the board that an alternate method can detect a release of the stored substance as effectively as any of the methods allowed in subsections 2 through 8 of 9 VAC 25-580-160 can detect a release of petroleum;

(2) Provide information to the board on effective corrective action technologies, health risks, and chemical and physical properties of the stored substance, and the characteristics of the UST site; and

(3) Obtain approval from the board to use the alternate release detection method before the installation and operation of the new UST system.

9 VAC 25-580-160. Methods of release detection for tanks.

Owners and operators must obtain a permit and the required inspections in accordance with 9 VAC 25-580-50 or 9 VAC 25-580-60 for the methods of release detection contained in subsections 4 through 8 of 9 VAC 25-580-160.

Each method of release detection for tanks used to meet the requirements of 9 VAC 25-580-140 must be conducted in accordance with the following and be designed to detect releases at the earliest possible time for the specific method chosen:

1. Inventory control. Product inventory control (or another test of equivalent performance) must be conducted monthly to detect a release of at least 1.0% of flow-through plus 130 gallons on a monthly basis in the following manner:

a. Inventory volume measurements for regulated substance inputs, withdrawals, and the amount still remaining in the tank are recorded each operating day;

b. The equipment used is capable of measuring the level of product over the full range of the tank's height to the nearest one-eighth of an inch;

c. The regulated substance inputs are reconciled with delivery receipts by measurement of the tank inventory volume before and after delivery;

d. Deliveries are made through a drop tube that extends to within one foot of the tank bottom;

e. Product dispensing is metered and recorded according to regulations of the Bureau of Weights and Measures of the Virginia Department of Agriculture and Consumer Services for meter calibration within their jurisdiction; for all other product dispensing meter calibration, an accuracy of six cubic inches for every five gallons of product withdrawn is required; and

f. The measurement of any water level in the bottom of the tank is made to the nearest one-eighth of an inch at least once a month.

NOTE: Practices described in the American Petroleum Institute Publication 1621, "Recommended Practice for Bulk Liquid Stock Control at Retail Outlets," may be used, where applicable, as guidance in meeting the requirements of this subsection.

2. Manual tank gauging. Manual tank gauging must meet the following requirements:

a. Tank liquid level measurements are taken at the beginning and ending of a period of at least 36 hours during which no liquid is added to or removed from the tank;

b. Level measurements are based on an average of two consecutive stick readings at both the beginning and ending of the period;

c. The equipment used is capable of measuring the level of product over the full range of the tank's height to the nearest 1/8 of an inch;

d. A leak is suspected and subject to the requirements of Part V if the variation between beginning and ending measurements exceeds the weekly or monthly standards in the following table:

Nominal tank capacity	Monthly	
	Weekly standard (one test)	standard (average of four tests)
550 gallons or less	10 gallons	5 gallons
551-1,000 gallons	13 gallons	7 gallons
1,001-2,000 gallons	26 gallons	13 gallons

e. Only tanks of 550 gallons or less nominal capacity may use this as the sole method of release detection. Tanks of 551 to 2,000 gallons may use the method in place of manual inventory control in subsection 1 of 9 VAC 25-580-160. Tanks of greater than 2,000 gallons nominal capacity may not use this method to meet the requirements of this part.

3. Tank tightness testing. Tank tightness testing (or another test of equivalent performance) must be capable of detecting a 0.1 gallon per hour leak rate from any portion of the tank that routinely contains product while accounting for the effects of thermal expansion or contraction of the product, vapor pockets, tank deformation, evaporation or condensation, and the location of the water table.

4. Automatic tank gauging. Equipment for automatic tank gauging that tests for the loss of product and conducts inventory control must meet the following requirements:

a. The automatic product level monitor test can detect a 0.2 gallon per hour leak rate from any portion of the tank that routinely contains product; and

b. Inventory control (or another test of equivalent performance) is conducted in accordance with the requirements of subsection 1 of 9 VAC 25-580-160.

5. Vapor monitoring. Testing or monitoring for vapors within the soil gas of the excavation zone must meet the following requirements:

a. The materials used as backfill are sufficiently porous (e.g., gravel, sand, crushed rock) to readily allow diffusion of vapors from releases into the excavation area;

b. The stored regulated substance, or a tracer compound placed in the tank system, is sufficiently volatile (e.g., gasoline) to result in a vapor level that is detectable by the monitoring devices located in the excavation zone in the event of a release from the tank;

c. The measurement of vapors by the monitoring device is not rendered inoperative by the groundwater, rainfall, or soil moisture or other known interferences so that a release could go undetected for more than 30 days;

d. The level of background contamination in the excavation zone will not interfere with the method used to detect releases from the tank;

e. The vapor monitors are designed and operated to detect any significant increase in concentration above background of the regulated substance stored in the tank system, a component or components of that substance, or a tracer compound placed in the tank system;

f. In the UST excavation zone, the site is assessed to ensure compliance with the requirements in subdivisions 5 a through d of this section and to establish the number and

positioning of monitoring wells that will detect releases within the excavation zone from any portion of the tank that routinely contains product; and

g. Monitoring wells are clearly marked and secured to avoid unauthorized access and tampering.

6. Groundwater monitoring. Testing or monitoring for liquids on the groundwater must meet the following requirements:

a. The regulated substance stored is not readily miscible in water and has a specific gravity of less than one;

b. Groundwater is never more than 20 feet from the ground surface and the hydraulic conductivity of the soils between the UST system and the monitoring wells or devices is not less than 0.01 cm/sec (e.g., the soil should consist of gravels, coarse to medium sands, coarse silts or other permeable materials);

c. The slotted portion of the monitoring well casing must be designed to prevent migration of natural soils or filter pack into the well and to allow entry of regulated substance on the water table into the well under both high and low groundwater conditions;

d. Monitoring wells shall be sealed from the ground surface to the top of the filter pack;

e. Monitoring wells or devices intercept the excavation zone or are as close to it as is technically feasible;

f. The continuous monitoring devices or manual methods used can detect the presence of at least 1/8 of an inch of free product on top of the ground water in the monitoring wells;

g. Within and immediately below the UST system excavation zone, the site is assessed to ensure compliance with the requirements in subdivisions 6 a through e of this section and to establish the number and positioning of monitoring wells or devices

that will detect releases from any portion of the tank that routinely contains product; and

h. Monitoring wells are clearly marked and secured to avoid unauthorized access and tampering.

7. Interstitial monitoring. Interstitial monitoring between the UST system and a secondary barrier immediately around or beneath it may be used, but only if the system is designed, constructed and installed to detect a leak from any portion of the tank that routinely contains product and also meets one of the following requirements:

a. For double-walled UST systems, the sampling or testing method can detect a release through the inner wall in any portion of the tank that routinely contains product;

NOTE: The provisions outlined in the Steel Tank Institute's "Standard for Dual Wall Underground Storage Tanks" may be used as guidance for aspects of the design and construction of underground steel double-walled tanks.

b. For UST systems with a secondary barrier within the excavation zone, the sampling or testing method used can detect a release between the UST system and the secondary barrier;

(1) The secondary barrier around or beneath the UST system consists of artificially constructed material that is sufficiently thick and impermeable (at least  $10^{-6}$  cm/sec for the regulated substance stored) to direct a release to the monitoring point and permit its detection;

(2) The barrier is compatible with the regulated substance stored so that a release from the UST system will not cause a deterioration of the barrier allowing a release to pass through undetected;

(3) For cathodically protected tanks, the secondary barrier must be installed so that it does not interfere with the proper operation of the cathodic protection system;

(4) The groundwater, soil moisture, or rainfall will not render the testing or sampling method used inoperative so that a release could go undetected for more than 30 days;

(5) The site is assessed to ensure that the secondary barrier is always above the groundwater and not in a 25-year flood plain, unless the barrier and monitoring designs are for use under such conditions; and,

(6) Monitoring wells are clearly marked and secured to avoid unauthorized access and tampering.

c. For tanks with an internally fitted liner, an automated device can detect a release between the inner wall of the tank and the liner, and the liner is compatible with the substance stored.

8. Other methods. Any other type of release detection method, or combination of methods, can be used if:

a. It can detect a 0.2 gallon per hour leak rate or a release of 150 gallons within a month with a probability of detection of 0.95 and a probability of false alarm of 0.05; or

b. The board may approve another method if the owner and operator can demonstrate that the method can detect a release as effectively as any of the methods allowed in subsections 3 through 8 of this section. In comparing methods, the board shall consider the size of release that the method can detect and the frequency and reliability with which it can be detected. If the method is approved, the owner and operator must comply with any conditions imposed by the board on its use to ensure the protection of human health and the environment.

#### 9 VAC 25-580-170. Methods of release detection for piping.

Owners and operators must obtain a permit and the required inspections in accordance with 9 VAC 25-580-50 or 9 VAC 25-580-60 for the methods of release detection contained in subdivisions 1 through 3 of 9 VAC 25-580-170.

Each method of release detection for piping used to meet the requirements of 9 VAC 25-580-140 must be conducted in accordance with the following:

1. Automatic line leak detectors. Methods which alert the operator to the presence of a leak by restricting or shutting off the flow of regulated substances through piping or triggering an audible or visual alarm may be used only if they detect leaks of three gallons per hour at 10 pounds per square inch line pressure within one hour. An annual test of the operation of the leak detector must be conducted in accordance with the manufacturer's requirements;

2. Line tightness testing. A periodic test of piping may be conducted only if it can detect a 0.1 gallon per hour leak rate at one and one-half times the operating pressure; and

3. Applicable tank methods. Any of the methods in subsections 5 through 8 of 9 VAC 25-580-160 may be used if they are designed to detect a release from any portion of the underground piping that routinely contains regulated substances.

9 VAC 25-580-180. Release detection record keeping.

All UST system owners and operators must maintain records in accordance with 9 VAC 25-580-120 demonstrating compliance with all applicable requirements of this part. These records must include the following:

1. All written performance claims pertaining to any release detection system used, and the manner in which these claims have been justified or tested by the equipment manufacturer or installer, must be maintained for five years from the date of installation or as long as the method of release detection is used, whichever is greater;

2. The results of any sampling, testing, or monitoring must be maintained for at least one year, or for another reasonable period of time determined by the board, except that the results of tank tightness testing conducted in accordance with subsection 3 of 9 VAC 25-580-160 must be retained until the next test is conducted; and

3. Written documentation of all calibration, maintenance, and repair of release detection equipment permanently located on-site must be maintained for at least one year after the servicing work is completed or for such longer period as may be required by the board. Any schedules of required calibration and maintenance provided by the release detection equipment manufacturer must be retained for five years from the date of installation.

PART V.

Release Reporting, Investigation, and Confirmation.

- 9 VAC 25-580-190. Reporting of suspected releases.
- 9 VAC 25-580-200. Investigation due to off-site impacts.
- 9 VAC 25-580-210. Release investigation and confirmation steps.
- 9 VAC 25-580-220. Reporting and cleanup of spills and overfills.

9 VAC 25-580-190. Reporting of suspected releases.

Owners and operators of UST systems must report to the board within 24 hours and follow the procedures in 9 VAC 25-580-210 for any of the following conditions:

1. The discovery by owners and operators or others of released regulated substances at the UST site or in the surrounding area (such as the presence of free product or vapors in soils, basements, sewer and utility lines, and nearby surface water);

2. Unusual operating conditions observed by owners and operators (such as the erratic behavior of product dispensing equipment, the sudden loss of product from the UST system, or an unexplained presence of water in the tank), unless system equipment is found to be defective but not leaking, and is immediately repaired or replaced;

3. Monitoring results from a release detection method required under 9 VAC 25-580-140 and 9 VAC 25-580-150 that indicate a release may have occurred unless:

a. The monitoring device is found to be defective, and is immediately repaired, recalibrated or replaced, and additional monitoring does not confirm the initial result; or

b. In the case of inventory control, a second month of data or in the case of manual tank gauging, a second week or month as prescribed in the chart under subdivision 2 d of 9 VAC 25-580-160 does not confirm the initial result.

9 VAC 25-580-200. Investigation due to off-site impacts.

When required by the board, owners and operators of UST systems must follow the procedures in 9 VAC 25-580-210 to determine if the UST system is the source of off-site impacts. These impacts include the discovery of regulated substances (such as the presence of free product or vapors in soils, basements, sewer and utility lines, and state waters) that has been observed by the board or brought to its attention by another party.

9 VAC 25-580-210. Release investigation and confirmation steps.

Unless corrective action is initiated in accordance with Part VI, owners and operators must immediately investigate and confirm all suspected releases of regulated substances requiring reporting under 9 VAC 25-580-190 within seven days, or another reasonable time period specified by the board upon written request made and approved within seven days after reporting of the suspected release.

The following steps are required for release investigation and confirmation:

1. System test. Owners and operators must conduct tests (according to the requirements for tightness testing in subsection 3 of 9 VAC 25-580-160 and subdivision 2 of 9 VAC 25-580-170) that determine whether a leak exists in that portion of the tank that routinely contains product, or the attached delivery piping, or both.

a. Owners and operators must repair, replace or upgrade the UST system, and begin corrective action in accordance with Part VI if the test results for the system, tank, or delivery piping indicate that a leak exists.

b. Further investigation is not required if the test results for the system, tank, and delivery piping do not indicate that a leak exists and if environmental contamination is not the basis for suspecting a release.

c. Owners and operators must conduct a site check as described in subdivision 2 of this section if the test results for the system, tank, and delivery piping do not indicate that a leak exists but environmental contamination is the basis for suspecting a release.

2. Site check. Owners and operators must measure for the presence of a release where contamination is most likely to be present at the UST site. In selecting sample types, sample locations, and measurement methods, owners and operators must consider the nature of the stored substance, the type of initial alarm or cause for suspicion, the type of backfill, the depth of groundwater, and other factors appropriate for identifying the presence and source of the release. Samples shall be tested according to established EPA analytical methods or methods approved by the board.

a. If the test results for the excavation zone or the UST site indicate that a release has occurred, owners and operators must begin corrective action in accordance with Part VI of this chapter

b. If the test results for the excavation zone or the UST site do not indicate that a release has occurred, further investigation is not required.

9 VAC 25-580-220. Reporting and cleanup of spills and overfills.

A. Owners and operators of UST systems must contain and immediately clean up a spill or overflow and report to the board within 24 hours and begin corrective action in accordance with Part VI of this chapter in the following cases:

1. Spill or overflow of petroleum that results in a release to the environment that exceeds 25 gallons or that causes a sheen on nearby surface water; and

2. Spill or overflow of a hazardous substance that results in a release to the environment that equals or exceeds its reportable quantity under CERCLA (40 CFR 302).

B. Owners and operators of UST systems must contain and immediately clean up a spill or overflow of petroleum that is less than 25 gallons and a spill or overflow of a hazardous substance that is less than the reportable quantity. If cleanup cannot be accomplished within 24 hours owners and operators must immediately notify the board.

NOTE: Pursuant to 40 CFR §302.6 and 355.40, a release of a hazardous substance equal to or in excess of its reportable quantity must also be reported immediately (rather than within 24 hours) to the National Response Center under §102 and 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 (42 USC §9602 and 9603) and to appropriate state and local authorities under Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986.

#### PART VI.

##### Release Response and Corrective Action for Ust Systems Containing Petroleum or Hazardous Substances.

- 9 VAC 25-580-230. General.
- 9 VAC 25-580-240. Initial response.
- 9 VAC 25-580-250. Initial abatement measures and site check.
- 9 VAC 25-580-260. Site characterization.
- 9 VAC 25-580-270. Free product removal.
- 9 VAC 25-580-280. Corrective action plan.
- 9 VAC 25-580-290. Corrective action plan (CAP) permit.
- 9 VAC 25-580-300. Public participation.

9 VAC 25-580-230. General.

Owners and operators of petroleum or hazardous substance UST systems must, in response to a confirmed release from the UST system, comply with the requirements of this part except for USTs excluded under subsection B of 9 VAC 25-580-20 and UST systems subject to RCRA Subtitle C corrective action requirements under §3004(u) of the Resource Conservation and Recovery Act, as amended.

9 VAC 25-580-240. Initial response.

Upon confirmation of a release in accordance with 9 VAC 25-580-210 or after a release from the UST system is identified in any other manner, owners and operators must perform the following initial response actions within 24 hours of a release:

1. Report the release to the board (e.g., by telephone or electronic mail);

2. Take immediate action to prevent any further release of the regulated substance into the environment; and

3. Identify and mitigate fire, explosion, and vapor hazards.

9 VAC 25-580-250. Initial abatement measures and site check.

A. Unless directed to do otherwise by the board, owners and operators must perform the following abatement measures:

1. Remove as much of the regulated substance from the UST system as is necessary to prevent further release to the environment;

2. Visually inspect any aboveground releases or exposed below ground releases and prevent further migration of the released substance into surrounding soils and groundwater;

3. Continue to monitor and mitigate any additional fire and safety hazards posed by vapors or free product that have migrated from the UST excavation zone and entered into subsurface structures (such as sewers or basements);

4. Remedy hazards posed by contaminated soils that are excavated or exposed as a result of release confirmation, site investigation, abatement, or corrective action activities. If these remedies include treatment or disposal of soils, the owner and operator must comply with applicable state and local requirements;

5. Measure for the presence of a release where contamination is most likely to be present at the UST site, unless the presence and source of the release have been confirmed in accordance with the site check required by subdivision 2 of 9 VAC 25-580-210 or the closure site assessment of subsection A of 9 VAC 25-580-330. In selecting sample types, sample locations, and measurement methods, the owner and operator must consider the nature of the stored substance, the type of backfill, depth to groundwater and other factors as appropriate for identifying the presence and source of the release. Samples shall be tested according to established EPA analytical methods or methods approved the board; and

6. Investigate to determine the possible presence of free product, and begin free product removal as soon as practicable and in accordance with 9 VAC 25-580-270.

B. Within 20 days after release confirmation, or within another reasonable period of time determined by the board upon written request made and approved within 20 days after release confirmation, owners and operators must submit a report to the board summarizing the initial abatement steps taken under subsection A of this section and any resulting information or data.

9 VAC 25-580-260. Site characterization.

A. Owners and operators must assemble information about the site and the nature of the release, including information gained while confirming the release or completing the initial abatement measures in 9 VAC 25-580-230 and 9 VAC 25-580-240. This information must include, but is not necessarily limited to, the following:

1. Data on the material released and the estimated quantity of release;

2. Data from available sources or site investigations concerning the following:

a. Site assessment to include: data on the physical/chemical properties of the contaminant; nature and quantity and extent of the release; evidence that free product is found to need recovery; geologic/hydrologic site characterization; current and projected land/water uses; water quality; subsurface soil conditions; evidence that contaminated soils are in contact with the groundwater; locations of subsurface conduits (e.g., sewers, utility lines, etc.); and climatological conditions. Samples collected for this site characterization shall be tested according to established EPA analytical methods or methods approved by the board;

b. Risk (exposure) assessment to include: evidence that wells of the area have been affected; use and approximate locations of wells potentially affected by the release; identification of potential and impacted receptors; migration routes; surrounding populations; potential for additional environmental damage;

c. Remediation assessment to include: potential for remediation and applicability of different remediation technologies to the site.

3. Results of the site check required under subdivision A 5 of 9 VAC 25-580-250; and

4. Results of the free product investigations required under subdivision A 6 of 9 VAC 25-580-250, to be used by owners and operators to determine whether free product must be recovered under 9 VAC 25-580-270.

B. Within 45 days of release confirmation or another reasonable period of time determined by the board upon written request made and approved within 45 days after release confirmation, owners and operators must submit the information collected in compliance with subsection A of this section to the board in a manner that demonstrates its applicability and technical adequacy, or in a format and according to the schedule required by the board.

9 VAC 25-580-270. Free product removal.

At sites where investigations under subdivision A 6 of 9 VAC 25-580-250 indicate the presence of free product, owners and operators must remove free product to the maximum extent practicable as determined by the board while continuing, as necessary, any actions initiated under 9 VAC 25-580-240 through 9 VAC 25-580-260, or preparing for actions required under 9 VAC 25-580-280 through 9 VAC 25-580-290. In meeting the requirements of this section, owners and operators must:

1. Conduct free product removal in a manner that minimizes the spread of contamination into previously uncontaminated zones by using recovery and disposal techniques appropriate to the hydrogeologic conditions at the site, and that properly treats, discharges or disposes of recovery by-products in compliance with applicable local, state and federal regulations;

2. Use abatement of free product migration as a minimum objective for the design of the free product removal system;

3. Handle any flammable products in a safe and competent manner to prevent fires or explosions; and

4. Unless directed to do otherwise by the board, prepare and submit to the board, within 45 days after confirming a release, a free product removal report that provides at least the following information:

- a. The name of the persons responsible for implementing the free product removal measures;

- b. The estimated quantity, type, and thickness of free product observed or measured in wells, bore holes, and excavations;

- c. The type of free product recovery system used;

- d. Whether any discharge will take place on-site or off-site during the recovery operation and where this discharge will be located;

e. The type of treatment applied to, and the effluent quality expected from, any discharge;

f. The steps that have been or are being taken to obtain necessary permits for any discharge; and

g. The disposition of the recovered free product.

9 VAC 25-580-280. Corrective action plan.

A. At any point after reviewing the information submitted in compliance with 9 VAC 25-580-240 through 9 VAC 25-580-260, the board may require owners and operators to submit additional information or to develop and submit a corrective action plan for responding to contaminated soils and groundwater. If a plan is required, owners and operators must submit the plan according to a schedule and format established by the board. Alternatively, owners and operators may, after fulfilling the requirements of 9 VAC 25-580-240 through 9 VAC 25-580-260, choose to submit a corrective action plan for responding to contaminated soil and ground water. In either case, owners and operators are responsible for submitting a plan that provides for adequate protection of human health and the environment as determined by the board, and must modify their plan as necessary to meet this standard.

B. In conjunction with the information provided under subdivision A 2 of 9 VAC 25-580-260 (site assessment, risk (exposure) assessment, and remediation assessment), the corrective action plan must include the following information:

1. Detailed conceptual design including narrative description of technologies and how they will be applied at the site;

2. Projected remediation end points/degree of remediation;

3. Schedule of project implementation;

4. Schedule to achieve projected end points;

5. Operational and post-operational monitoring schedules (to include data submittals);

6. Proposed disposition of any wastes and discharges (if applicable);

7. Actions taken to obtain any necessary federal, state and local permits to implement the plan; and

8. Proposed actions to notify persons directly affected by the release or the planned corrective action.

C. The board will approve the corrective action plan only after ensuring that implementation of the plan will adequately protect human health, safety, and the environment. In making this determination, the board will consider the following factors as appropriate:

1. The physical and chemical characteristics of the regulated substance, including its toxicity, persistence, and potential for migration;

2. The hydrogeologic characteristics of the facility and the surrounding area;

3. The proximity, quality, and current and future uses of nearby surface water and groundwater;

4. The potential effects of residual contamination on nearby surface water and groundwater;

5. The site, risk (exposure), and remediation assessments as required by subdivision A 2 of 9 VAC 25-580-260; and

6. Any information assembled in compliance with this part.

D. Upon approval of the corrective action plan or as directed by the board, owners and operators must implement the plan, including modifications to the plan made by the board. They must monitor, evaluate, and report the results of implementing the plan in accordance with a schedule and in a format established by the board.

E. Owners and operators may, in the interest of minimizing environmental contamination and promoting more effective cleanup, begin cleanup of soil and ground water before the corrective action plan is approved provided that they:

1. Notify the board of their intention to begin cleanup and obtain written approval to proceed with an agreed upon activity;

2. Comply with any conditions imposed by the board, including halting cleanup or mitigating adverse consequences from cleanup activities; and

3. Incorporate these self-initiated cleanup measures in the corrective action plan that is submitted to the board for approval.

9 VAC 25-580-290. Corrective action plan (CAP) permit.

A. Owners and operators shall file a complete application for and obtain a Corrective action plan (CAP) permit from the board for any corrective action plan required by 9 VAC 25-580-280 of this chapter.

B. If the corrective action plan involves a point source discharge of pollutants to surface waters, the CAP permit application shall be processed in accordance with the procedures and the requirements set forth in the board's permit regulation (9 VAC 25-30-10 et seq.) and the provisions of that regulation shall apply mutatis mutandis. The CAP permit shall include, but not be limited to, a schedule and format for the corrective action plan, the corrective action plan, and all of the pertinent conditions set forth in 9 VAC 25-30-10 et seq.

C. If the corrective action plan involves only the management of pollutants that are not point source discharges to surface waters, the owner and operator shall be exempt from the requirement to obtain a Virginia Pollution Abatement (VPA) permit under 9 VAC 25-30-10 et seq. conditioned upon:

1. The owner and operator shall obtain the CAP permit which shall contain the conditions, and be processed in accordance with the procedures and requirements, set forth in 9 VAC 25-30-10 et seq.;

2. The CAP permit shall include, where appropriate, a schedule and format for the corrective action plan and the corrective action plan; and

3. The application shall be publicly noticed in accordance with 9 VAC 25-580-300 and subsections A and B of 9 VAC 25-30-10 et seq.

D. If the corrective action plan involves the introduction of pollutants into publicly owned treatment works, owners and operators shall also comply with the board's and any publicly owned treatment work's pretreatment program requirements.

#### 9 VAC 25-580-300. Public participation.

A. For each confirmed release that requires a corrective action plan, the board will require the owner and operator to provide notice to the public by means designed to reach those members of the public directly affected by the release or the planned corrective action. This notice may include, but is not limited to, public notice in local newspapers, block advertisements, public service announcements, publication in a state register, letters to individual households, or personal contacts by field staff.

B. The board must ensure that site release information and decisions concerning the corrective action plan are made available to the public for inspection upon request.

C. Before approving a corrective action plan, the board may hold a public meeting to consider comments on the proposed

corrective action plan if there is sufficient public interest, or for any other reason.

D. The board will require the owner and operator to give public notice that complies with subsection A of this section if implementation of an approved corrective action plan does not achieve the established cleanup levels in the plan and termination of that plan is under consideration by the board.

E. These public participation requirements do not supersede any public participation requirements of other regulations.

F. In the event the owner and operator have failed to give the required notice to the public, the board will provide such notice to the extent required by applicable federal law.

G. In those cases where the board implements the corrective plan, the board will provide such notice to the extent required by applicable federal law.

#### PART VII.

##### Out-of-Service UST Systems and Closure.

- 9 VAC 25-580-310. Temporary closure.
- 9 VAC 25-580-320. Permanent closure and changes-in-service.
- 9 VAC 25-580-330. Assessing the site at closure or change-in-service.
- 9 VAC 25-580-340. Applicability to previously closed UST systems.
- 9 VAC 25-580-350. Closure records.

9 VAC 25-580-310. Temporary closure.

Owners and operators must obtain a permit and the required inspections in accordance with the provisions of the Virginia Uniform Statewide Building Code (§36-97 et seq. of the Code of Virginia).

A permit from the building official must be obtained prior to temporary tank closure. No UST system shall be temporarily closed unless and until the system is inspected in accordance with the provisions of the Virginia Uniform Statewide Building Code (§36-97 et seq. of the Code of Virginia).

In the case of state-owned facilities the Department of General Services shall function as the building official in accordance with §36-98.1 of the Code of Virginia.

In the case of federal facilities the building official must be contacted. Owners and operators must obtain a permit and the required inspections in accordance with the provisions of the Virginia Uniform Statewide Building Code (§36-97 et seq. of the Code of Virginia).

1. When an UST system is temporarily closed, owners and operators must continue operation and maintenance of corrosion protection in accordance with 9 VAC 25-580-90, and any release detection in accordance with Part IV. Parts V and VI must be complied with if a release is suspected or confirmed. However, release detection is not required as long as the UST system is empty. The UST system is empty when all materials have been removed using commonly employed practices so that no more than 2.5 centimeters (one inch) of residue, or 0.3% by weight of the total capacity of the UST system, remain in the system.

2. When a UST system is temporarily closed for three months or more, owners and operators must also comply with the following requirements:

- a. Leave vent lines open and functioning; and
- b. Cap and secure all other lines, pumps, manways, and ancillary equipment.

3. When a UST system is temporarily closed for more than 12 months, owners and operators must permanently close the UST system if it does not meet either performance standards in 9 VAC 25-580-50 for new UST systems or the upgrading requirements in 9 VAC 25-580-60, except that the spill and overflow equipment requirements do not have to be met. Owners and operators must permanently close the substandard UST systems at the end of this 12-month period in accordance with 9 VAC 25-580-320 through 9 VAC 25-580-350, unless the building official provides an extension of the 12-month temporary closure period. Owners and operators must complete a site assessment in accordance with 9 VAC 25-580-330 before such an extension can be applied for.

9 VAC 25-580-320. Permanent closure and changes-in-service.

Owners and operators must obtain a permit and the required inspections from the building official prior to permanent tank closure or a change-in-service in accordance with the Virginia Uniform Statewide Building Code (§36-47 et seq. of the Code of Virginia).

A permit from the building official must be obtained prior to permanent tank closure or a change-in-service. No UST system shall be permanently closed or changed-in-service unless and until the system is inspected in accordance with the provisions of the Virginia Statewide Building Code (§36-47 et seq. of the Code of Virginia).

If such closure is in response to immediate corrective actions that necessitate timely tank removal, then the building official must be notified and the official's directions followed until a permit is issued.

In the case of state facilities the Department of General Services shall function as the building official in accordance with §36-98.1 of the Code of Virginia.

In the case of federal facilities the building official must be contacted. Owners and operators must obtain a permit and the required inspections in accordance with the provisions of the Virginia Uniform Statewide Building Code.

1. Owners and operators must within 30 days after either permanent closure or a change-in-service submit an amended UST notification form (Appendix I) to the board.

2. The required assessment of the excavation zone under 9 VAC 25-580-330 must be performed after notifying the building official but before completion of the permanent closure or a change in service.

3. To permanently close a tank, owners and operators must empty and clean it by removing all liquids and accumulated sludges. When the owner or operator suspects that the residual sludges are hazardous in nature the Department of Waste Management regulations shall be followed to facilitate the proper treatment, storage, manifesting, transport, and disposal. All tanks taken out of service permanently must also be either removed from the ground or filled with an inert solid material.

4. Continued use of an UST system to store a nonregulated substance is considered a change-in-service. Before a change-in-service, owners and operators must empty and clean the tank by removing all liquid and accumulated sludge and conduct a site assessment in accordance with 9 VAC 25-580-330.

NOTE: The following cleaning and closure procedures may be used to comply with this section:

a. American Petroleum Institute Recommended Practice 1604, "Removal and Disposal of Used Underground Petroleum Storage Tanks";

b. American Petroleum Institute Publication 2015, "Cleaning Petroleum Storage Tanks";

c. American Petroleum Institute Recommended Practice 1631, "Interior Lining of Underground Storage Tanks," may be used as guidance for compliance with this section; and

d. The National Institute for Occupational Safety and Health "Criteria for a Recommended Standard - Working in Confined Space" may be used as guidance for conducting safe closure procedures at some hazardous substance tanks.

9 VAC 25-580-330. Assessing the site at closure or change-in-service.

A. Before permanent closure or a change-in-service is completed, owners and operators must measure for the presence of a release where contamination is most likely to be present at the UST site. In selecting sample types (soil or water) and sample locations, and measurement methods, owners and operators must consider the method of closure, the nature of the stored substance, the type of backfill, the depth to groundwater, and other factors appropriate for identifying the presence of a release. Samples shall be tested according to established EPA analytical methods or methods approved by the board. Where the suspected release is a petroleum product, the samples shall be analyzed for total petroleum hydrocarbons (TPH). The requirements of this section are satisfied if one of the external release detection methods allowed in subsections 5 and 6 of 9 VAC 25-580-160 is operating in accordance with the requirements in 9 VAC 25-580-160 at the time of closure, and indicates no release has occurred.

B. In all cases where a sample or samples are analyzed, the owner and operator shall submit, along with the amended UST notification form as required in subsection 1 of 9 VAC 25-580-320, a copy of the laboratory results (including a statement as to the test method used), a description of the area sampled, and a site map depicting tanks, piping, and sample locations.

C. If contaminated soils, contaminated groundwater, or free product as a liquid or vapor is discovered under subsection A of this section, or by any other manner, owners and operators must begin corrective action in accordance with Part VI.

9 VAC 25-580-340. Applicability to previously closed UST systems.

When directed by the board, the owner and operator of a UST system permanently closed before December 22, 1988, must assess the excavation zone and close the UST system in accordance with this part if releases from the UST may, in the judgment of the board, pose a current or potential threat to human health and the environment.

9 VAC 25-580-350. Closure records.

Owners and operators must maintain records in accordance with 9 VAC 25-250-130 that are capable of demonstrating compliance with closure requirements under this part. The results of the

excavation zone assessment required in 9 VAC 25-580-330 must be maintained for at least three years after completion of permanent closure or change-in-service in one of the following ways:

1. By the owners and operators who took the UST system out of service;

2. By the current owners and operators of the UST system site;  
or

3. By mailing these records to the board if they cannot be maintained at the closed facility.

#### PART VIII.

#### Delegation.

9 VAC 25-580-360. Delegation of authority.

The executive director, or in his absence a designee acting for him, may perform any act of the board provided under this chapter, except as limited by §62.1-44.14 of the Code of Virginia.

#### APPENDIX I.

#### VIRGINIA UNDERGROUND STORAGE TANK NOTIFICATION FORMS.

Notification for Underground Storage Tanks, EPA Form (50 FR 46602).

<b>Notification for Underground Storage Tanks</b>	<b>STATE USE ONLY</b>
State Agency Name and Address <b>DEQ-Water Division-UST Program</b>	P.O. Box 10009 Richmond, VA 23240-0009
<b>TYPE OF NOTIFICATION</b>	<b>ID NUMBER</b>
<input type="checkbox"/> A. NEW FACILITY <input type="checkbox"/> B. AMENDED <input type="checkbox"/> C. CLOSURE	<b>DATE RECEIVED</b>
_____ No. of tanks at facility    _____ No. of continuation sheets attached	A. NEW _____
<b>INSTRUCTIONS</b>	B. AMENDED _____
Please type or print in ink all items except "signature" in section VIII. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy pages 3, 4 and 5, and staple continuation sheets to the form.	C. ENTERED INTO UST-DMS _____
	D. Comments: _____

**GENERAL INFORMATION**

Notification is required by Virginia law for all underground storage tanks that have been used to store regulated substances and were in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by §62.1-44.34:9.6 & 7 of the Virginia State Water Control Law, Article 9.

The primary purpose of this notification program is to locate and evaluate underground storage tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonable available records, or in the absence of such records, your knowledge, belief, or recollection.

**Who Must Notify?**

A. Virginia State Water Control Law Article 9 § 62.1-44.34:9.6 & 7, requires that unless exempted, owners of underground storage tanks that store regulated substances must notify the State Water Control Board of the existence of their tanks. Owner means:

1) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use or dispensing of regulated substances, and

2) in the case of any underground storage tank in use before November 8, 1984; but no longer in use after that date, any person who owned such tank immediately before the discontinuation of its use, and

B. Owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground.

**What UST's Must Be Notified?** Underground storage tank or "UST" means any one or combination of tanks (including underground pipes connected thereto) that is used to contain an accumulation of regulated substances, and the volume of which (including the volume of underground pipes connected thereto) is 10% or more beneath the surface of the ground.

**What UST's Are Excluded From Notification Requirements?**

1. Farm or residential tank of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;

2. Tank used for storing heating oil for consumption on the premises where stored.

3. Septic tank;

4. Pipeline facility (including gathering lines) regulated under:  
a. The Natural Gas Pipeline Safety Act of 1968 (49 U.S.C. App. 1671, et seq.), or  
b. The Hazardous Liquid Pipeline Safety Act of 1979 (49 U.S.C. App. 2001, et seq.), or  
c. Which is an intrastate pipeline facility regulated under state laws comparable to the provisions of the law referred to in subdivisions 4.a or 4.b of this definition;

5. Surface impoundment, pit, pond, or lagoon;

6. Storm-water or wastewater collection system;

7. Flow-through process tank;

8. Liquid trap or associated gathering lines directly related to oil or gas production and gathering operations; or

9. Storage tank situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

**The Following Need Not Notify, But May Be Regulated.**

10. Wastewater treatment tank systems;

11. Any UST systems containing radioactive material that are regulated under the Atomic Energy Act of 1954 (42 USC 2011 and following);

12. Any UST system that is part of an emergency generator system at nuclear power generation facilities regulated by the Nuclear Regulatory Commission under 10 CFR Part 50, Appendix A;

13. Airport hydrant fuel distribution systems; and  
14. UST systems with field-constructed tanks

**What Substances Are Covered?** "Regulated substance" means an element, compound, mixture, solution, or substance that, when released into the environment, may present substantial danger to the public health or welfare, or the environment. The term "regulated substance" includes:

1. Any substance defined in § 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, but not any substance regulated as a hazardous waste under subtitle C of the Resource Conservation and Recovery Act (RCRA) of 1976; and

2. Petroleum, including crude oil or any fraction thereof, that is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute). The term "regulated substance" includes but is not limited to petroleum and petroleum-based substances comprised of a complex blend of hydrocarbons derived from crude oil through processes of separation, conversion, upgrading, and finishing, such as motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, and used oils.

**When to Notify?**

A. Any owner who brings an underground storage tank system into use must within 30 days of bringing such tank into use, submit a notice of existence of such tank system to the board. Any change in: ownership; tank status (e.g., temporarily / permanently closed out); tank/piping systems (e.g., upgrades such as addition of corrosion protection, internal lining, release detection); substance stored (e.g., change from petroleum to hazardous substance) requires the UST owner to submit an amended notification form within 30 days after such change/upgrade occurs or is brought into use. Owners may provide notice for several tanks using one notification form, but owners with tanks located at more than one place of operation must file a separate notification form for each separate place of operation.

Under Virginia UST notification requirements effective July 1, 1987, owners of property who have actual knowledge of underground storage tanks on such property that were taken out of service before January 1, 1974, yet still in the ground, must notify the board on the notification form.

Notices required to be submitted must provide all of the information in Sections I through IX of this form (Section X as required) for each tank for which notice must be given. Notices for tanks installed after December 22, 1988, must also provide all of the information in Section XI of this form for each tank for which notice must be given.

B. All owners and operators of new UST systems must certify in the notification form compliance with the following requirements of Virginia Regulation 9 VAC 25-580-10, et seq:

1. Installation of tanks and piping under subsection E of § 2.1;

2. Cathodic protection of steel tanks and piping under subsections A and B of § 2.1;

3. Release detection under §§ 4.2. and 4.3.

4. Financial responsibility under Virginia Regulation 9 VAC 25-590-10, et seq.

C. All owners and operators of new UST systems must ensure that the installer certifies in the notification form that the methods used to install the tanks and piping comply with the requirements in subsection D of § 2.1 of 9 VAC 25-580-10, et seq.

D. Beginning October 24, 1988, any person who sells a tank intended to be used as an underground storage tank must notify the purchaser of such tank of the owner's notification obligations under subsection A of this section. The statement provided in Appendix II of VR 680-13-02 may be used to comply with this requirement.

**I. OWNERSHIP OF TANK(S)**

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

Street Address

City State ZIP Code

County

Phone Number (Include Area Code)

**II. LOCATION OF TANK(S)**

If known, give the geographic location of tank(s) by degrees, minutes, and seconds. Example Lat. 42, 36, 12N Long. 85, 24, 17W

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

(If same as Section I, mark box here)

Facility or Company Site Identifier, as applicable

Street Address (P. O. Box not acceptable)

City State ZIP Code

County Municipality

**EPA 807**

**III. TYPE OF OWNER**

- Federal Government     Commercial  
 State Government     Private  
 Local Government

**IV. INDIAN LANDS**

Tanks are located on land within an Indian Reservation or on other trust lands.

Tanks are owned by Native American nation, tribe, or individual.

Tribe or Nation:

**V. TYPE OF FACILITY**

Select the Appropriate Facility Description:

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Gas Station/Convenience Store | <input type="checkbox"/> State Government       | <input type="checkbox"/> Contractor            |
| <input type="checkbox"/> Petroleum Distributor         | <input type="checkbox"/> Railroad               | <input type="checkbox"/> Trucking/Transport    |
| <input type="checkbox"/> Air Taxi (Airline)            | <input type="checkbox"/> Federal - Non-Military | <input type="checkbox"/> Utilities             |
| <input type="checkbox"/> Aircraft Owner                | <input type="checkbox"/> Federal - Military     | <input type="checkbox"/> Residential           |
| <input type="checkbox"/> Auto Dealership               | <input type="checkbox"/> Commercial             | <input type="checkbox"/> Farm                  |
| <input type="checkbox"/> Local Government              | <input type="checkbox"/> Industrial             | <input type="checkbox"/> Other (Explain) _____ |

**VI. CONTACT PERSON IN CHARGE OF TANKS**

Name (Print)	Job Title	Mailing Address	Phone Number (Include Area Code)
--------------	-----------	-----------------	----------------------------------

**VII. FINANCIAL RESPONSIBILITY**

I have met the financial responsibility requirements in accordance with VR680-13-03 utilizing the following method(s).

Mark All that Apply

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Self Insurance       | <input type="checkbox"/> Guarantee        | <input type="checkbox"/> Virginia Underground Petroleum Storage Tank Fund |
| <input type="checkbox"/> Commercial Insurance | <input type="checkbox"/> Surety Bond      | <input type="checkbox"/> Trust Fund                                       |
| <input type="checkbox"/> Risk Retention Group | <input type="checkbox"/> Letter of Credit | <input type="checkbox"/> Other Method Allowed (Specify) _____             |

**VIII. CERTIFICATION (Read and sign after completing all sections)**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. *(To be signed by either the owner or the owner's authorized representative)*

Name and official title of owner (Print)	Signature	Date Signed
Name and official title of owner's authorized representative (Print)	Signature	Date Signed

**EPA 808**

**IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)**

Tank Identification Number	Tank No. _____	Tank No. _____	Tank No. _____	Tank No. _____	Tank No. _____	
<b>1. Status of Tank</b> (Mark only one) <b>Currently in Use</b>  Temporarily Out of Use (Remember to fill out section X.) Permanently Out of Use (Remember to fill out section X.)  Amendment of Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>2. Date of Installation (mo./year)</b>						
<b>3. Estimated Total Capacity (gallons)</b>						
<b>4. Tank Material of Construction</b> (Mark all that apply)	Asphalt Coated or Bare Steel	<input type="checkbox"/>				
	Cathodically Protected Steel	<input type="checkbox"/>				
	Epoxy Coated Steel	<input type="checkbox"/>				
	Composite (Steel with Fiberglass)	<input type="checkbox"/>				
	Fiberglass Reinforced Plastic	<input type="checkbox"/>				
	Lined Interior	<input type="checkbox"/>				
	Double Walled	<input type="checkbox"/>				
	Polyethylene Tank Jacket	<input type="checkbox"/>				
	Concrete	<input type="checkbox"/>				
	Excavation Liner	<input type="checkbox"/>				
	Unknown	<input type="checkbox"/>				
	Other (Please specify)	<input type="checkbox"/>				
Has tank been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>5. Piping Material of Construction</b> (Mark all that apply)	Bare Steel	<input type="checkbox"/>				
	Galvanized Steel	<input type="checkbox"/>				
	Fiberglass Reinforced Plastic	<input type="checkbox"/>				
	Copper	<input type="checkbox"/>				
	Cathodically Protected	<input type="checkbox"/>				
	Double Walled	<input type="checkbox"/>				
	Secondary Containment	<input type="checkbox"/>				
	Unknown	<input type="checkbox"/>				
	Other (Please specify)	<input type="checkbox"/>				
Has piping been repaired?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>6. Piping (Type)</b> (Mark only one)	Suction: no valve at tank	<input type="checkbox"/>				
	Suction: valve at tank	<input type="checkbox"/>				
	Pressure	<input type="checkbox"/>				
	Gravity Fed	<input type="checkbox"/>				

Tank Identification Number

Tank No. \_\_\_\_\_

7. Substance Currently or Last Stored  
In Greatest Quantity by Volume

- Gasoline
- Diesel
- Gasohol
- Kerosene
- Heating Oil
- Used Oil
- Other (Please specify)

<input type="text"/>				
<input type="text"/>				
<input type="text"/>				
<input type="text"/>				
<input type="text"/>				
<input type="text"/>				
<input type="text"/>				

- Hazardous Substance
- CERCLA name and/or
- CAS Number

<input type="text"/>				
<input type="text"/>				
<input type="text"/>				

- Mixture of Substances
- Please specify

<input type="text"/>				
<input type="text"/>				
<input type="text"/>				

**X. TANKS OUT OF USE, OR CHANGE IN SERVICE**

1. Closing of Tank

A. Estimated date last used  
(mo./day/year)

<input type="text"/>				
----------------------	----------------------	----------------------	----------------------	----------------------

B. Estimate date tank closed  
(mo./day/year)

<input type="text"/>				
----------------------	----------------------	----------------------	----------------------	----------------------

C. Tank was removed from ground

<input type="text"/>				
----------------------	----------------------	----------------------	----------------------	----------------------

D. Tank was closed in ground

<input type="text"/>				
----------------------	----------------------	----------------------	----------------------	----------------------

E. Tank filled with inert material

<input type="text"/>				
----------------------	----------------------	----------------------	----------------------	----------------------

Describe

<input type="text"/>				
<input type="text"/>				
<input type="text"/>				
<input type="text"/>				

F. Change in service

<input type="text"/>				
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2. Closure Assessment Completed  
(Site Map and Soil Sampling Results  
must be submitted with this form.)

<input type="text"/>				
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3. Evidence of a leak detected

<input type="text"/>				
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January 11, 2013

Gary Heisler, P.E.  
Project Director  
AECOM Water  
1500 Wells Fargo Center  
440 Monticello Avenue  
Norfolk., Virginia 23510

Subject: **Phase II Environmental Investigation**  
Village of Holland Water Transmission Main  
Suffolk, VA  
AECOM Project No. 60247051.2.5

Dear Mr. Heisler:

AECOM completed a Phase II Environmental Investigation consisting of collecting six (6) soil samples associated with four (4) properties along the approximately 5.8-mile corridor of Holland Rd (Route 58) east of the Village of Holland in Suffolk, Virginia. The intent of the site investigation was to collect field data to evaluate potential environmental issues that could affect the alignment, design, and/or construction of a water transmission main along the corridor. The four sites included in the investigation were previously identified during the Preliminary Phase I Environmental Site Assessment, dated May 8, 2012, and included current or former gasoline stations and/or petroleum fuel storage facilities.

The following sections of this report summarize the methods of investigation, results, and recommendations.

## 1.0 Methods of Investigation

AECOM's scope of work included collecting soil samples within the Holland Road right-of-way adjacent to four properties. AECOM coordinated drilling field work with GET Solutions, Inc., the geotechnical drilling subcontractor for the project. GET was installing 69 borings to collect geotechnical data along the entire proposed water line alignment, and AECOM identified 6 of these borings to serve as environmental borings based on their location adjacent to the subject properties. Boring locations are shown on Figures 1 through 5, and correspond to the following adjacent properties:

<u>Boring No.</u>	<u>Adjacent Property</u>
HR-8	Suffolk Mart Gas Station – 6273 Holland Rd
HR-20 and HR-21	Former Pure Gas Station – 5703 Holland Road
HR-35	Farm operation tank(s) ~4500 block of Holland Rd
HR-56 and HR-57	Former West Amoco Truck Stop – 3401 Holland Rd

**CX 38**

An AECOM geologist and GET Solutions drilling crew with a hollow stem auger rig mobilized to the site on December 18, 2012 and completed the following tasks:

- Collected continuous soil samples to 20 feet below grade in boring HR-8 and 10 feet below grade in borings HR-20, HR-21, HR-35, HR-56, and HR-57, using a two-foot long stainless steel split-spoon sampler.
- Logged a description of the soil retained in each split spoon and placed representative portions of soil from each sample interval into laboratory-supplied containers. A separate portion of the soil sample was placed in a resealable plastic bag and allowed to equilibrate for a minimum of 15 minutes. Headspace readings were collected from each bagged sample using a Photoionization Detector (PID) to measure total volatile organic compounds (VOCs). The PID results were recorded on the boring logs and the corresponding soil sample with the highest PID readings from each boring was submitted for laboratory analysis. In the event no PID response was observed for a boring location, the sample collected from the interval immediately above the water table was submitted for laboratory analysis. Boring logs are included in Attachment A.
- Submitted soil samples with proper chain of custody to ESC Lab Sciences in Mt. Juliet, TN for analysis of Total Petroleum Hydrocarbons - Gasoline Range Organics (TPH-GRO); benzene, toluene, ethylbenzene, and total xylenes (BTEX), and Methyl tert-Butyl Ether (MTBE).

## 2.0 Results

Laboratory analytical results indicated concentrations of 0.10 mg/Kg benzene, 0.65 mg/Kg ethylbenzene, 2.2 mg/Kg total xylenes, and 81 mg/Kg TPH-GRO in the soil sample collected from 4 to 6 feet below grade in boring HR-21. PID readings for this soil interval ranged from 154 to 176 ppm. Results of laboratory analyses were below detection limits for all parameters at all the other boring locations. Analytical results are summarized on Table 1 and laboratory reports are included in Attachment B.

As noted on the boring logs, depth to saturated soils ranged from 3 to 6 feet below grade, and encountered soils were predominantly a light gray soft clay from 2 to 10 feet below grade (2 to 20 feet below grade at HR-8).

## 3.0 Recommendations

Based on the above results, AECOM recommends the following:

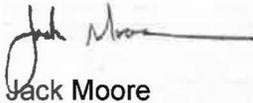
- Report a suspected release of petroleum to the Virginia Department of Environmental Quality Tidewater Regional Office based on the laboratory detection of 81 mg/Kg TPH-GRO in boring HR-21 and in accordance with Article II of State Water Control Law. The laboratory results indicate a potential release of gasoline from the adjacent former Pure gas station at 5703 Holland Road, Suffolk, Virginia. Boring HR-21 was located in one of the small grass islands

within the right-of-way for Holland Road, and approximately 75 to 100 feet north of the underground storage tanks and gasoline pumps associated with this gasoline station. Photodocumentation of the approximate location of HR-21 is shown on Figure 6.

- Incorporate additional plans, specifications, and contingent bid items in the Village of Holland Water Transmission Main project to address potential for encountering petroleum-impacted soil and/or groundwater during construction. Recommended additions to the design include use of petroleum-resistant seals (e.g. Viton®) in pipe joints in the vicinity of HR-21, and inclusion of specifications for proper handling and disposal of petroleum-impacted soil and/or groundwater, if encountered during construction. Note that the location of boring HR-21 was offset 10-15 feet south of the actual water line location, due to the presence of concrete under the road shoulder; therefore, the actual water line excavation may or may not encounter petroleum impacts.

Please contact me any time at 757.513.5577, or via email at [jack.moore@aecom.com](mailto:jack.moore@aecom.com), if you have any questions or need additional information.

Sincerely,



Jack Moore  
Environmental Section Manager

Attachments: Figures  
Table 1 Analytical Results Summary  
Attachment A Boring Logs  
Attachment B Laboratory Report



**LEGEND:**  
 ENVIRONMENTAL BORING LOCATION

VILLAGE OF HOLLAND  
 WATER TRANSMISSION MAIN  
 SUFFOLK, VIRGINIA  
 Project No.: 60247051

ENVIRONMENTAL BORING LOCATION MAP

**AECOM**

Figure: 1

EPA 900

Company Name/Address:

**AECOM Inc - Virginia**  
**1500 Wells Fargo Center**  
**440 Monticello Avenue**  
**Norfolk, VA 23510**

Billing Information:

AECOM Environment  
Peter Crowley  
**1500 Wells Fargo Center**  
**440 Monticello Avenue**  
**Norfolk, VA 23510**

Analysis/Container/Preservative

J226

Chain of Custody  
Page \_\_\_ of \_\_\_



L · A · B · S · C · I · E · N · C · E · S

12065 Lebanon Road  
Mt Juliet, TN 37122

Phone: (800) 767-5859  
Phone: (615) 758-5858  
Fax: (615) 758-5859

Report to: Pete Crowley

Email to: peter.crowley@AECOM.com

Project Description: Holland Rd, Suffolk, VA

City/State Collected: Suffolk, VA

Phone: (757) 306-6715  
FAX:

Client Project #: 60247051-205

ESC Key:

Collected by: (print) Pete Crowley

Site/Facility ID#:

P.O.#:

Collected by (signature): Pete Crowley

Rush? (Lab MUST Be Notified)

\_\_\_ Same Day..... 200%

\_\_\_ Next Day..... 100%

\_\_\_ Two Day..... 50%

\_\_\_ Three Day..... 25%

Date Results Needed:

Email? \_\_\_ No \_\_\_ Yes

FAX? \_\_\_ No \_\_\_ Yes

No.

of

Cntrs

Immediately Packed on Ice N \_\_\_ Y

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Analysis/Container/Preservative	Remarks/Contaminant	Sample # (lab only)
HR-8	Grab	SS	4-6	12-18-12	0930	2	X		L612301-01
HR-20	Grab	SS	2-4'	12-19-12	1030	2	X		02
HR-21	Grab	SS	4-6	12-19-12	1100	2	X		03
HR-35	Grab	SS	4-6	12-18-12	1130	2	X		04
HR-56	Grab	SS	4-6	12-18-12	1200	2	X		05
HR-57	Grab	SS	2-4'	12-18-12	1300	2	X		06

BTEX/MTBE/TH-GRO

CoCode: ENSR7VVA (lab use only)

Template/Prelogin

Shipped Via:

Remarks/Contaminant

Sample # (lab only)

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

Remarks: Note: NON-T-Eleven Project

5274 87958

Other \_\_\_\_\_

Relinquished by: (Signature) <u>Pete Crowley</u>	Date: <u>12-19-12</u>	Time: <u>1500</u>	Received by: (Signature) <u>[Signature]</u>	Samples returned via: <input checked="" type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: (lab use only) <u>TD</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date:	Time:	Received by: (Signature) <u>[Signature]</u>	Temp: <u>3.7°C</u>	Bottles Received: <u>12</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date:	Time:	Received for lab by: (Signature) <u>[Signature]</u>	Date: <u>12/20/12</u>	Time: <u>1000</u>

CoC Seals Intact Y \_\_\_ N \_\_\_ JNA

pH Checked: \_\_\_\_\_ NCF: \_\_\_\_\_

EPA 901



**YOUR LAB OF CHOICE**

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

December 27, 2012

Mr. Pete Crowley  
 AECOM, Inc - Virginia  
 4456 Corporation Lane, Ste 208  
 Chesapeake, VA 23462

Date Received : December 20, 2012  
 Description : Holland Rd Suffolk VA  
 Sample ID : HR-57 2-4FT  
 Collected By : Pete Crowley  
 Collection Date : 12/18/12 13:00

ESC Sample # : L612301-06  
 Site ID :  
 Project # : 60249051-2.5

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	84.1	0.100	%	2540G	12/27/12	1
Benzene	BDL	0.0025	mg/kg	8021/8015	12/21/12	5
Toluene	BDL	0.025	mg/kg	8021/8015	12/21/12	5
Ethylbenzene	BDL	0.0025	mg/kg	8021/8015	12/21/12	5
Total Xylene	BDL	0.0075	mg/kg	8021/8015	12/21/12	5
Methyl tert-butyl ether	BDL	0.0050	mg/kg	8021/8015	12/21/12	5
TPH (GC/FID) Low Fraction	BDL	0.50	mg/kg	8015	12/21/12	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	96.4		% Rec.	8021/8015	12/21/12	5
a,a,a-Trifluorotoluene(PID)	100.		% Rec.	8021/8015	12/21/12	5

BDL - Below Detection Limit  
 Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

December 27, 2012

Mr. Pete Crowley  
 AECOM, Inc - Virginia  
 4456 Corporation Lane, Ste 208  
 Chesapeake, VA 23462

Date Received : December 20, 2012  
 Description : Holland Rd Suffolk VA  
 Sample ID : HR-56 4-6FT  
 Collected By : Pete Crowley  
 Collection Date : 12/18/12 12:00

ESC Sample # : L612301-05

Site ID :

Project # : 60249051-2.5

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	85.7	0.100	%	2540G	12/27/12	1
Benzene	BDL	0.0025	mg/kg	8021/8015	12/24/12	5
Toluene	BDL	0.025	mg/kg	8021/8015	12/24/12	5
Ethylbenzene	BDL	0.0025	mg/kg	8021/8015	12/24/12	5
Total Xylene	BDL	0.0075	mg/kg	8021/8015	12/24/12	5
Methyl tert-butyl ether	BDL	0.0050	mg/kg	8021/8015	12/24/12	5
TPH (GC/FID) Low Fraction	BDL	0.50	mg/kg	8015	12/24/12	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	93.9		% Rec.	8021/8015	12/24/12	5
a,a,a-Trifluorotoluene (PID)	99.8		% Rec.	8021/8015	12/24/12	5

BDL - Below Detection Limit  
 Det. Limit - Practical Quantitation Limit (PQL)

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December 27, 2012

Mr. Pete Crowley  
 AECOM, Inc - Virginia  
 4456 Corporation Lane, Ste 208  
 Chesapeake, VA 23462

Date Received : December 20, 2012  
 Description : Holland Rd Suffolk VA  
 Sample ID : HR-35 4-6FT  
 Collected By : Pete Crowley  
 Collection Date : 12/18/12 11:30

ESC Sample # : L612301-04

Site ID :

Project # : 60249051-2.5

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	78.3	0.100	%	2540G	12/27/12	1
Benzene	BDL	0.0025	mg/kg	8021/8015	12/21/12	5
Toluene	BDL	0.025	mg/kg	8021/8015	12/21/12	5
Ethylbenzene	BDL	0.0025	mg/kg	8021/8015	12/21/12	5
Total Xylene	BDL	0.0075	mg/kg	8021/8015	12/21/12	5
Methyl tert-butyl ether	BDL	0.0050	mg/kg	8021/8015	12/21/12	5
TPH (GC/FID) Low Fraction	BDL	0.50	mg/kg	8015	12/21/12	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	92.7		% Rec.	8021/8015	12/21/12	5
a,a,a-Trifluorotoluene(PID)	96.2		% Rec.	8021/8015	12/21/12	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

December 27, 2012

Mr. Pete Crowley  
 AECOM, Inc - Virginia  
 4456 Corporation Lane, Ste 208  
 Chesapeake, VA 23462

Date Received : December 20, 2012  
 Description : Holland Rd Suffolk VA  
 Sample ID : HR-21 4-6FT  
 Collected By : Pete Crowley  
 Collection Date : 12/18/12 11:00

ESC Sample # : L612301-03

Site ID :

Project # : 60249051-2.5

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	85.2	0.100	%	2540G	12/27/12	1
Benzene	0.10	0.025	mg/kg	8021/8015	12/21/12	50
Toluene	BDL	0.25	mg/kg	8021/8015	12/21/12	50
Ethylbenzene	0.65	0.025	mg/kg	8021/8015	12/21/12	50
Total Xylene	2.2	0.075	mg/kg	8021/8015	12/21/12	50
Methyl tert-butyl ether	BDL	0.050	mg/kg	8021/8015	12/21/12	50
TPH (GC/FID) Low Fraction	81.	5.0	mg/kg	8015	12/21/12	50
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	103.		% Rec.	8021/8015	12/21/12	50
a,a,a-Trifluorotoluene(PID)	102.		% Rec.	8021/8015	12/21/12	50

BDL - Below Detection Limit  
 Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

December 27, 2012

Mr. Pete Crowley
AECOM, Inc - Virginia
4456 Corporation Lane, Ste 208
Chesapeake, VA 23462

Date Received : December 20, 2012
Description : Holland Rd Suffolk VA
Sample ID : HR-20. 2-4FT
Collected By : Pete Crowley
Collection Date : 12/18/12 10:30

ESC Sample # : L612301-02
Site ID :
Project # : 60249051-2.5

Table with 7 columns: Parameter, Result, Det. Limit, Units, Method, Date, Dil. Rows include Total Solids, Benzene, Toluene, Ethylbenzene, Total Xylene, Methyl tert-butyl ether, TPH (GC/FID) Low Fraction, and Surrogate Recovery-%.

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit (PQL)
Note:

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REPORT OF ANALYSIS

December 27, 2012

Mr. Pete Crowley  
AECOM, Inc - Virginia  
4456 Corporation Lane, Ste 208  
Chesapeake, VA 23462

Date Received : December 20, 2012  
Description : Holland Rd Suffolk VA  
Sample ID : HR-8 4-6FT  
Collected By : Pete Crowley  
Collection Date : 12/18/12 09:30

ESC Sample # : L612301-01

Site ID :

Project # : 60249051-2.5

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	84.7	0.100	%	2540G	12/27/12	1
Benzene	BDL	0.0025	mg/kg	8021/8015	12/24/12	5
Toluene	BDL	0.025	mg/kg	8021/8015	12/24/12	5
Ethylbenzene	BDL	0.0025	mg/kg	8021/8015	12/24/12	5
Total Xylene	BDL	0.0075	mg/kg	8021/8015	12/24/12	5
Methyl tert-butyl ether	BDL	0.0050	mg/kg	8021/8015	12/24/12	5
TPH (GC/FID) Low Fraction	BDL	0.50	mg/kg	8015	12/24/12	5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene (FID)	93.9		% Rec.	8021/8015	12/24/12	5
a,a,a-Trifluorotoluene (PID)	100.		% Rec.	8021/8015	12/24/12	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Mr. Pete Crowley  
AECOM Environment  
4456 Corporation Lane, Ste 208  
Chesapeake, VA 23462

### Report Summary

Thursday December 27, 2012

Report Number: L612301

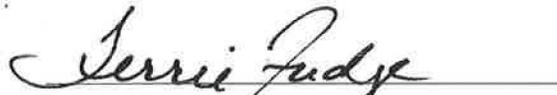
Samples Received: 12/20/12

Client Project: 60249051-2.5

Description: Holland Rd Suffolk VA

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

  
Terrie Fudge, ESC Representative

#### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,  
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,  
NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002,  
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,  
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,  
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

This report may not be reproduced, except in full, without written approval from ESC Lab Sciences. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

**ATTACHMENT B**  
**Laboratory Report**

<b>AECOM</b>		Client: City of Suffolk			<b>Boring ID: HR-57</b>			
		Project Number: 60247051						
		Site Location: South side Holland Road			Sheet: 1 of 1			
		Site ID: Holland Road, Suffolk, Virginia			Monitoring Well Installed: No			
		Drilling Method: Continuous Split-Spoons Two-Foot Intervals			Screened Interval: NA			
Weather: Partly Cloudy 55 degrees		Logged By: P. Crowley		Date Started: Dec. 18, 2012		Depth of Boring: 10 feet bgs		
Drilling Contractor: GET			Driller: GET		Date Finished: Dec. 18, 2012		Water Level: 3 - 4 feet bgs	
Depth (ft)	Lab Sample ID	Sample Depth (ft)	Recovery (%)	Headspace (ppm)	<b>MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)</b>			
1	HR-57	2 - 4	100%	0				
2					0 - 2' Dark gray-grauish black <u>CLAY</u> , organics, moist, no odor			
3					0 - 4' Mottled light brown <u>CLAY</u> , soft, slightly silty - sandy, moist, no odor			
4					0 - 6' Light brown and gray <u>CLAY</u> , soft, very silty, saturated @ 4.0', no odor			
5					100%	0 - 8' Light gray <u>CLAY</u> , soft, very silty, saturated, no odor		
6						0 - 10' Light gray <u>CLAY</u> , dense to 9.0', becoming light gray <u>SILT</u> , saturated, no odor		
7					<b>END OF BORING @ 10 feet bgs</b>			
8					Soil sample HR-57 submitted to Environmental Science Corp. laboratory for analysis of BTEX, MTBE, and TPH - GRO			
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
NOTES: Boring placed in grass of R-O-W, 2 feet from asphalt shoulder					Date	Time	Depth to groundwater while drilling	

<b>AECOM</b>		Client: City of Suffolk			<b>Boring ID: HR-56</b>		
		Project Number: 60247051					
		Site Location: South side Holland Road					
		Site ID: Holland Road, Suffolk, Virginia					
		Drilling Method: Continuous Split-Spoons Two-Foot Intervals					
Sample Type(s): Soil (Grab)		Boring Diameter: 2 inches		Sheet: 1 of 1			
Weather: Partly Cloudy 55 degrees		Logged By: P. Crowley	Date Started: Dec. 18, 2012	Monitoring Well Installed: No			
Drilling Contractor: GET		Driller: GET	Date Finished: Dec. 18, 2012	Screened Interval: NA			
				Depth of Boring: 10 feet bgs			
				Water Level: 5 feet bgs			
Depth (ft)	Lab Sample ID	Sample Depth (ft)	Recovery (%)	Headspace (ppm)	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)		
1	HR-56	4 - 6	50%	0	0 - 2' Top soil and grass to 4", dark brownish black <b>SAND</b> , organics, moist, no odor		
2					2 - 4' Gray <b>CLAY</b> , soft, slightly silty, moist, no odor no odor		
3					4 - 6' Gray <b>CLAY</b> , soft, very silty, saturated @ 5.0', no odor		
4					6 - 8' Light gray <b>CLAY</b> , soft, very silty, saturated, no odor		
5					8 - 10' Light gray <b>CLAY</b> , dense to 9.0', saturated, no odor		
6							
7							
8							
9							
10							
11					END OF BORING @ 10 feet bgs		
12					Soil sample HR-56 submitted to Environmental Science Corp. laboratory for analysis of BTEX, MTBE, and TPH - GRO		
13							
14							
15							
16							
17							
18							
19							
20							
NOTES: Boring placed in grass of R-O-W, 2 feet from asphalt shoulder					Date	Time	Depth to groundwater while drilling

<b>AECOM</b>		Client: City of Suffolk			<b>Boring ID: HR-35</b>		
		Project Number: 60247051					
		Site Location: South side Holland Road			Sheet: 1 of 1		
		Site ID: Holland Road, Suffolk, Virginia			Monitoring Well Installed: No		
		Drilling Method: Continuous Split-Spoons Two-Foot Intervals			Screened Interval: NA		
Weather: Partly Cloudy 55 degrees		Sample Type(s): Soil (Grab)		Boring Diameter: 2 inches		Depth of Boring: 10 feet bgs	
Drilling Contractor: GET		Logged By: P. Crowley		Date Started: Dec. 18, 2012		Water Level: 5 feet bgs	
Driller: GET		Date Finished: Dec. 18, 2012					
Depth (ft)	Lab Sample ID	Sample Depth (ft)	Recovery (%)	Headspace (ppm)	<b>MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)</b>		
1	HR-35	4 - 6	100%	0	0 - 2' Brown <u>SAND</u> , fine, silty, moderately well sorted, slightly moist, no odor		
2					2 - 4' Mottled gray-brown <u>CLAY</u> , soft, slightly silty - sandy, moist, no odor		
3					4 - 6' Light brown and gray <u>CLAY</u> , soft, silty, saturated @ 5.0', no odor		
4					6 - 8' As above to 6.5', becoming very silty, saturated, no odor		
5					8 - 10' Light gray <u>CLAY</u> , silty, saturated, no odor		
6					<b>END OF BORING @ 10 feet bgs</b>		
7					Soil sample HR-35 submitted to Environmental Science Corp. laboratory for analysis of BTEX, MTBE, and TPH - GRO		
8							
9							
10							
11							
12							
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16							
17							
18							
19							
20							
NOTES: Boring placed in grass of R-O-W, 2 feet from asphalt shoulder				Date	Time	Depth to groundwater while drilling	

<b>AECOM</b>		Client: City of Suffolk			<b>Boring ID: HR-21</b>			
		Project Number: 60247051						
		Site Location: South side Holland Road						
		Site ID: Holland Road, Suffolk, Virginia						
		Sheet: 1 of 1						
Drilling Method: Continuous Split-Spoons Two-Foot Intervals		Monitoring Well Installed: No						
Sample Type(s): Soil (Grab)		Boring Diameter: 2 inches		Screened Interval: NA				
Weather: Partly Cloudy 55 degrees		Logged By: P. Crowley	Date Started: Dec. 18, 2012	Depth of Boring: 10 feet bgs				
Drilling Contractor: GET		Driller: GET	Date Finished: Dec. 18, 2012	Water Level: 5 - 6 feet bgs				
Depth (ft)	Lab Sample ID	Sample Depth (ft)	Recovery (%)	Headspace (ppm)	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)			
1	HR-21	4 - 6	100%	0	0 - 2' Gravel, sandy fill, and top soil to 4", becoming mottled orange-brown-gray <b>CLAY</b> , soft, silty, moist, no odor			
2				0	2 - 4' Mottled orange and gray <b>CLAY</b> , soft - slightly dense, moderately silty, moist, no odor			
3				176	4 - 6' Predominately gray <b>CLAY</b> , soft - becoming dense, silty, moist - saturated @ 5 -6 ', moderate petroleum hydrocarbon odor (gasoline)			
4				100%	154	6 - 8 ' Gray <b>CLAY</b> , moderately dense, silty, saturated, petroleum hydrocarbon odor		
5					12	8 - 10' Gray and orange <b>CLAY</b> , dense-soft, saturated, slight petroleum hydrocarbon odor		
6				END OF BORING @ 10 feet bgs				
7				Soil sample HR-21 submitted to Environmental Science Corp. laboratory for analysis of BTEX, MTBE, and TPH - GRO				
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
NOTES: Boring placed in grass of R-O-W, 2 feet from asphalt shoulder			Date	Time	Depth to groundwater while drilling			

<b>AECOM</b>		Client: City of Suffolk			<b>Boring ID: HR-20</b>				
		Project Number: 60247051							
		Site Location: South side Holland Road			Sheet: 1 of 1				
		Site ID: Holland Road, Suffolk, Virginia			Monitoring Well Installed: No				
		Drilling Method: Continuous Split-Spoons Two-Foot Intervals			Screened Interval: NA				
Weather: Partly Cloudy 55 degrees		Logged By: P. Crowley		Date Started: Dec. 18, 2012		Depth of Boring: 10 feet bgs			
Drilling Contractor: GET		Driller: GET		Date Finished: Dec. 18, 2012		Water Level: 3 - 4 feet bgs			
Depth (ft)	Lab Sample ID	Sample Depth (ft)	Recovery (%)	Headspace (ppm)	<b>MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)</b>				
1	HR-20	2 - 4	100%		0	0 - 2' Top soil and gravel to 4", dark brown <u>CLAY</u> , sandy, dense, dry, no odor			
2					0	2 - 4' Mottled orange and gray <u>CLAY</u> , moderately dense, slightly silty, saturated @ 3.5', no odor			
3					0	4 - 6' As above			
4					100%	0	6 - 8' Light gray <u>CLAY</u> , moderately dense, silty, saturated, no odor		
5						0	8 - 10' Gray and orange <u>CLAY</u> , dense-soft, saturated, no odor		
6								<b>END OF BORING @ 10 feet bgs</b>	
7								Soil sample HR-20 submitted to Environmental Science Corp. laboratory for analysis of BTEX, MTBE, and TPH - GRO	
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
<b>NOTES:</b> Boring placed in grass of R-O-W, 2 feet from asphalt shoulder					Date	Time	Depth to groundwater while drilling		



Client: City of Suffolk  
 Project Number: 60247051  
 Site Location: South side Holland Road  
 Site ID: Holland Road, Suffolk, Virginia  
 Drilling Method: Continuous Split-Spoons Two-Foot Intervals  
 Sample Type(s): Soil (Grab)

**Boring ID: HR-8**

Sheet: 1 of 1  
 Monitoring Well Installed: No  
 Screened Interval: NA

Weather: Partly Cloudy 55 degrees  
 Logged By: P. Crowley  
 Date Started: Dec. 18, 2012  
 Depth of Boring: 20 feet bgs  
 Drilling Contractor: GET  
 Driller: GET  
 Date Finished: Dec. 18, 2012  
 Water Level: 4 - 6 feet bgs

Depth (ft)	Lab Sample ID	Sample Depth (ft)	Recovery (%)	Headspace (ppm)	MATERIALS: Color, size, range, MAIN COMPONENT, minor component(s), moisture content, structure, angularity, maximum grain size, odor, and Geologic Unit (If Known)		
1	HR-8	4 - 6		0	0 - 2' Top soil and gravel to 4", brown <b>SAND</b> , fine, moderately well sorted, dry, no odor		
2			0	2 - 4' Mottled brown and gray <b>CLAY</b> , soft, slightly silty, moist, no odor			
3			0	4 - 6' Mottled gray and orange <b>CLAY</b> , slightly silty, saturated @ 5.0 feet, no odor *Sample HR-20 submitted to Environmental Science Corp. lab for analysis of BTEX, MTBE, and TPH-GRO.			
4			0	6 - 8' Light gray <b>CLAY</b> , moderately dense, silty, saturated, no odor			
5			0	8 - 10' Gray and orange <b>CLAY</b> , dense-soft, saturated, no odor			
6			0	10 - 12' Light gray <b>CLAY</b> , very soft, very silty, saturated, no odor			
7			0	12 - 14' Light gray <b>CLAY</b> , very soft, very silty, saturated, no odor			
8			0	14 - 16' Light gray <b>CLAY</b> , very soft, very silty, saturated, no odor			
9			0	16 - 18' Light gray <b>CLAY</b> , very soft, very silty, saturated, no odor			
10			0	18 - 20' Light gray <b>SILT</b> , clayey, saturated, no odor			
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

END OF BORING @20 feet bgs

NOTES:	Date	Time	Depth to groundwater while drilling

**ATTACHMENT A**

**Boring Logs**

**Table 1**  
**Soil Analytical Summary (mg/kg)**  
**BTEX and MTBE by EPA Method 8021**  
**TPH - GRO by EPA Method 8015**  
**December 18, 2012**

Boring No.	Sample Depth (feet)	PID (ppm)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	TPH - GRO
HR-8	4 - 6	0	BDL	BDL	BDL	BDL	--	BDL	BDL
HR-20	2 - 4	0	BDL	BDL	BDL	BDL	--	BDL	BDL
HR-21	4 - 6	176	0.10	BDL	0.65	2.2	2.95	BDL	81
HR-35	4 - 6	0	BDL	BDL	BDL	BDL	--	BDL	BDL
HR-56	4 - 6	0	BDL	BDL	BDL	BDL	--	BDL	BDL
HR-57	2 - 4	0	BDL	BDL	BDL	BDL	--	BDL	BDL

mg/kg – milligrams-per-kilogram (equivalent to parts-per-million (ppm))  
 BDL - below laboratory detection limits  
 MTBE – methyl tert butyl ether  
 TPH-GRO – total petroleum hydrocarbons gasoline range organics



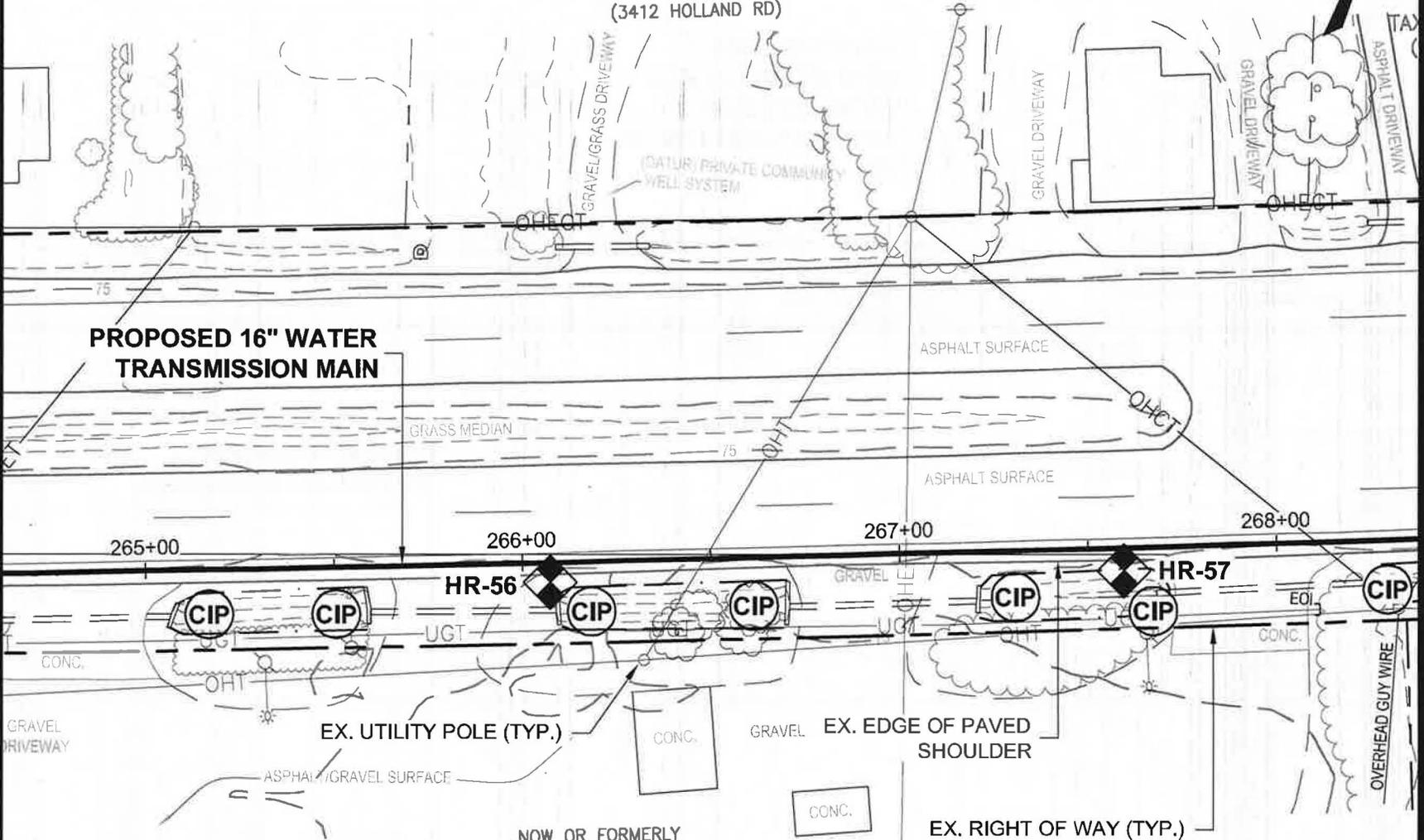
**Figure 6 – Boring location HR-21**

Adjacent to former Pure Gasoline Station, 5703 Holland Road, Suffolk, VA

JAMES M. TOLAR  
 INST. NO. 20110907000149800  
 TAX PARCEL 42\*38  
 (3420 HOLLAND RD)

NOW OR FORMERLY  
 WILFREDO GUZMAN, JR.  
 D.B. 639, P.773  
 TAX PARCEL 42\*39  
 (3412 HOLLAND RD)

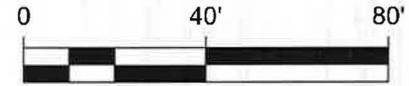
NOW OR FORMERLY  
 LEOTIS WILLIAMS  
 INST. NO. 20080730000107850  
 TAX PARCEL 42\*40  
 (3408 HOLLAND RD)



**LEGEND:**

 ENVIRONMENTAL BORING LOCATION

NOW OR FORMERLY  
 NBI, INC.  
 INST. NO. 050004616  
 P.B. 8, P.23  
 TAX PARCEL 42\*33  
 (3401 HOLLAND RD)



**AECOM**

**Figure: 5**

ENVIRONMENTAL BORING LOCATIONS MAP

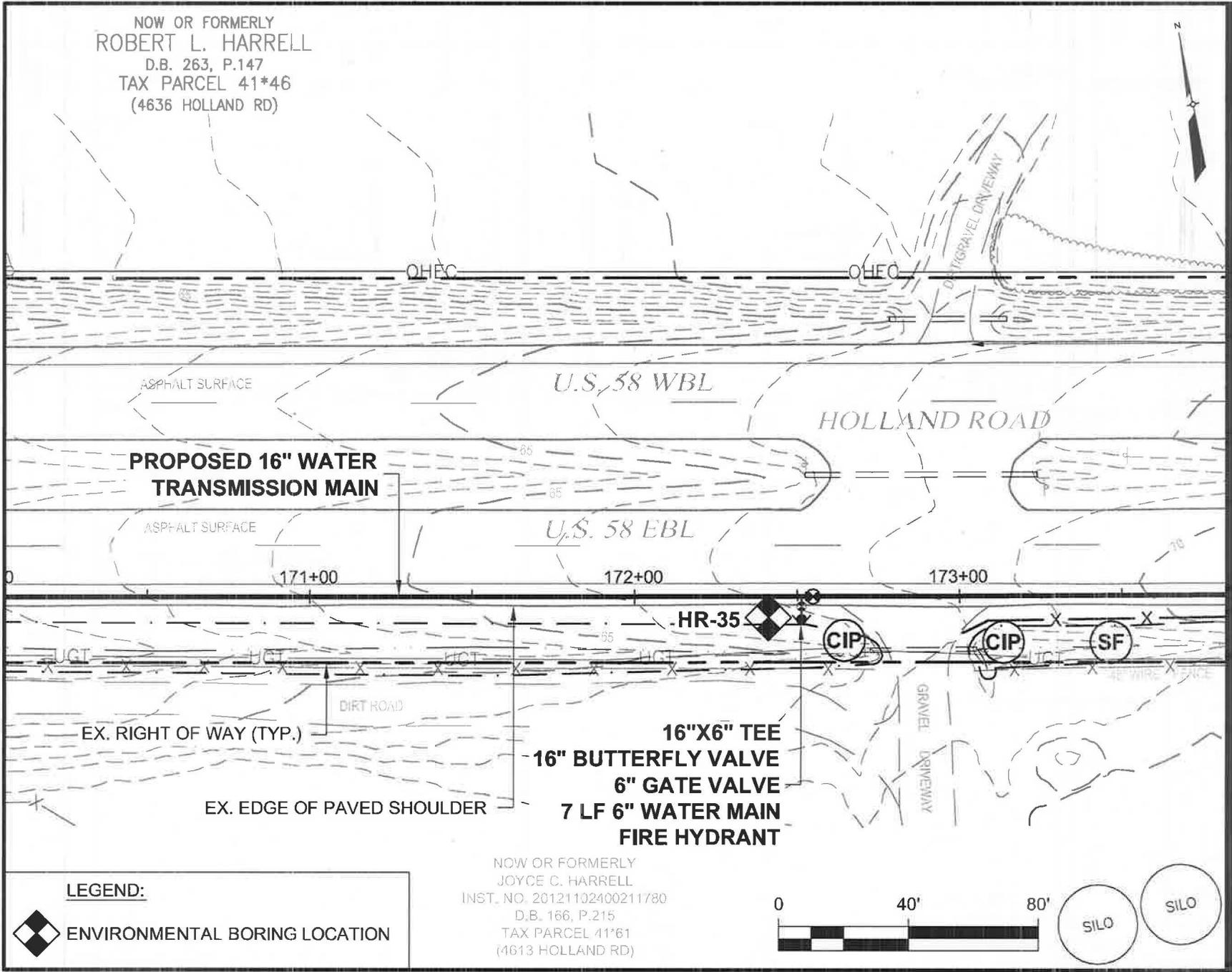
EPA 919

VILLAGE OF HOLLAND  
 WATER TRANSMISSION MAIN  
 SUFFOLK, VIRGINIA  
 Project No.: 60247051

NOW OR FORMERLY  
 ROBERT L. HARRELL  
 D.B. 263, P.147  
 TAX PARCEL 41\*46  
 (4636 HOLLAND RD)

**AECOM**

**Figure: 4**



ENVIRONMENTAL BORING LOCATION MAP

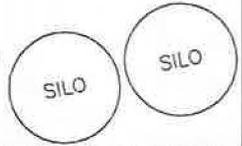
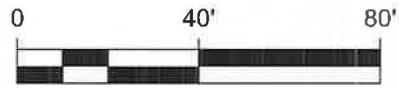
EPA 920

VILLAGE OF HOLLAND  
 WATER TRANSMISSION MAIN  
 SUFFOLK, VIRGINIA  
 Project No.: 60247051

**LEGEND:**

ENVIRONMENTAL BORING LOCATION

NOW OR FORMERLY  
 JOYCE C. HARRELL  
 INST. NO. 20121102400211780  
 D.B. 166, P.215  
 TAX PARCEL 41\*61  
 (4613 HOLLAND RD)





P.B. 5, P.20A  
TAX PARCEL 40\*51  
(6262 HOLLAND RD)

PROPOSED RECEIVING PIT

16" 90° BEND

PROPOSED VARIABLE WIDTH PERMANENT  
PUBLIC UTILITY EASEMENT

16" 45° BEND

ASPHALT DRIVEWAY

UGFO

UGFO

SF

OHECT

40+00

X

X

X

41+00

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

42+00

(AB)(AB)(CTV)

(AB)(AB)(CTV)

(AB)(AB)(CTV)

U.S. 58 WBL

16" 45° BEND

135 LF 30" TRENCHLESS CROSSING

APPROXIMATE SWALE  
CENTERLINE

LEGEND:



ENVIRONMENTAL BORING LOCATION

U.S. 58 EBL

43+00

PASS MEDIAN

16" 45° BEND

EX. EDGE OF PAVED  
SHOULDER

45+00

EX. RIGHT OF WAY (TYP.)

HR-8

SF

ASPHALT SURFACE

16" 90° BEND

OHE

UGFO

OHE

UGFO

16"X6" TEE  
16" BUTTERFLY VALVE  
6" GATE VALVE  
15 LF 6" WATER MAIN  
FIRE HYDRANT

BLOCK  
PLANTER  
W/SIGN

CANOPY

FILL CAPS-10  
ASPHALT SURFACE

PROPOSED ACCESS PIT

16" 45° BEND

NOW OR FORMERLY  
YOGIPREM, LLC  
INST. NO. 20090929000128510  
TAX PARCEL 40\*48A  
(6273 HOLLAND RD)

NOW OR FORMERLY  
YOGIPREM, LLC  
INST. NO. 20090929000128510  
TAX PARCEL 40\*48B

PROPOSED VARIABLE WIDTH PERMANENT  
PUBLIC UTILITY EASEMENT



AECOM

Figure: 2

ENVIRONMENTAL BORING LOCATION MAP

EPA 922

VILLAGE OF HOLLAND  
WATER TRANSMISSION MAIN  
SUFFOLK, VIRGINIA  
Project No.: 60247051

# McCALLUM

**TESTING LABORATORIES, INC.**  
*Geotechnical Engineering, Materials Testing & Environmental Services*

May 21, 2013

Aylin Inc.  
2664 Route 112  
Medford, NY 11763

Attention: Ezgi Kiriscioglu

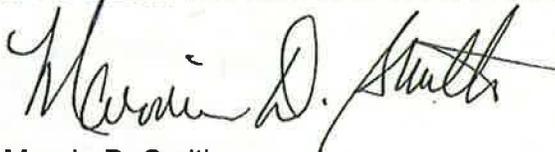
Subject: Release Investigation Report  
Holland Food Mart  
5703 Holland Road  
Suffolk, Virginia  
DEQ PC# 2013-5074  
MTL Project #13-1330 / 13-14870

Dear Ms. Kiriscioglu:

McCallum Testing Laboratories, Inc. is pleased to present this Release Investigation Report of the subject property, prepared in general conformance with the Department of Environmental Quality (DEQ) Petroleum Program Manual, effective May 10, 2011 and as requested in the DEQ's letter dated January 31, 2013.

Sincerely,

**MCCALLUM TESTING LABORATORIES, INC.**



Marvin D. Smith  
Project Geologist



Richard J. Seage, P.G.  
Manager, Environmental Services

Copy: Lynne Smith, DEQ

**CX 39**

# **McCALLUM**

**TESTING LABORATORIES, INC.**

*Geotechnical Engineering, Materials Testing & Environmental Services*

**RELEASE INVESTIGATION REPORT  
HOLLAND FOOD MART  
5703 HOLLAND ROAD  
SUFFOLK, VIRGINIA  
DEQ PC# 2013-5074  
MTL PROJECT #13-1330 / 13-14870**

**Submitted to:**

**LYNNE E. SMITH  
VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY  
TIDEWATER REGIONAL OFFICE, WATER DIVISION  
5636 SOUTHERN BOULEVARD  
VIRGINIA BEACH, VIRGINIA 23462**

**Prepared for:**

**EZGI KIRISCIUGLU  
AYLIL, INC.  
2664 ROUTE 112  
MEDFORD, NY 11763**

**Prepared by:**

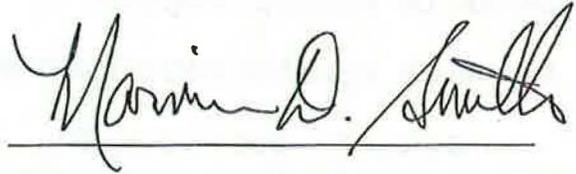
**McCALLUM TESTING LABORATORIES, INC.  
1808 HAYWARD AVENUE  
CHESAPEAKE, VA 23325**

**SIGNATURE/CERTIFICATION SHEET**

I certify that I have prepared or supervised preparation of the attached report, that it has been prepared in accordance with industry standards and practices, and that the information contained herein is truthful and accurate to the best of my knowledge.

Prepared by:

Marvin Smith  
Project Geologist

A handwritten signature in black ink, reading "Marvin D. Smith", written over a horizontal line.

Richard Seage, P.G.  
Manager, Environmental Services  
VA Professional Certification: CPG #466

A handwritten signature in blue ink, consisting of stylized initials and a surname, written over a horizontal line.

McCallum Testing Laboratories, Inc.  
1808 Hayward Avenue  
Chesapeake, Virginia 23320

UST Owner/ Operator:  
Aylin, Inc.  
2664 Route 112  
Medford, NY 11763

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**RELEASE INVESTIGATION REPORT  
HOLLAND FOOD MART  
5703 HOLLAND ROAD  
SUFFOLK, VIRGINIA**

**Section 1.0 INTRODUCTION**

Holland Food Mart is a convenience store/gasoline station located at 5073 Holland Road in Suffolk, Virginia. The Site Location Map (Figure 1 Appendix A) shows the location of the site.

**Section 2.0 SITE HISTORY**

On December 18, 2012, AECOM drilled two soil borings as part of a Phase II Environmental Site Assessment along Holland Road within the utility easement fronting Holland Food Mart, to measure for the presence of petroleum hydrocarbon contamination associated with the operation of this site as a gasoline station. This investigation was to help determine if such contamination posed a potential environmental impact to the construction and installation of a water transmission main along Holland Road.

Two soil borings (HR-20 and HR-21) were drilled along the south side of Holland Road near the northeast corner and northwest corner of the site to a depth of 10 feet. The Site Drawing (Figure 2 Appendix A) shows the locations of the borings. The soils in boring HR-20 exhibited no evidence of petroleum contamination (odor, staining, etc.). However, the soils in boring HR-21 exhibited petroleum odor from a depth of 4 to 10 feet.

A soil sample was collected from each boring and submitted to an analytical laboratory for Gasoline Range Organic (GRO) Total Petroleum Hydrocarbon (TPH), Benzene, Toluene, Ethylbenzene, Xylene (BTEX) and Methyl Tert-Butyl Ether (MTBE) analyses. The laboratory results are presented in the table below.

<b>Laboratory Results</b>		
<b>Analyte</b>	<b>HR-20 (2-4')</b>	<b>HR-21 (4-6')</b>
<b>GRO-TPH</b>	BDL	81.0
<b>Benzene</b>	BDL	0.10
<b>Toluene</b>	BDL	BDL
<b>Ethylbenzene</b>	BDL	0.65
<b>Total Xylenes</b>	BDL	2.2
<b>MTBE</b>	BDL	BDL
<b>mg/kg – Equivalent to parts per million (ppm)</b>		

Based on the laboratory results, the DEQ issued Pollution Complaint PC #2013-5074 and requested that a Release Investigation be conducted to help determine if a significant release has occurred at the site.

**Section 3.0 RELEASE INVESTIGATION**

**Section 3.1 Soil Investigation**

On May 7, 2013, McCallum drilled two (2) 12 foot deep soil borings (B-1 and B-2), to measure for the presence of petroleum contamination. Figure 2 shows the locations of the borings. Boring B-1 was drilled between the existing product lines and AECOM's boring location HR-21 and boring B-2 was drilled between the existing UST tank field and HR-21. The Site Drawing (Figure 2) shows the locations of the borings.

The borings were drilled with an Earthprobe Direct Push Technology (DPT) Sampler. Soil samples were collected at two foot intervals from the surface to the bottom of each boring with stainless steel split spoon samplers. Each sampler was cleaned with an Alconox solution between samples to prevent cross contamination.

The soil samples were examined for evidence of petroleum contamination such as odor, staining, free product, etc. The soils in both borings exhibited moderate petroleum odor. The samples were scanned for volatile organic vapors using a Photoionization Detector (PID). The PID scans yielded moderate volatile organic vapors. The PID scan responses are presented in the table below and are included on the attached boring logs in Appendix B.

PID Scan Responses		
Depth (ft)	B-1	B-2
0-2	123	53
2-4	203	23
4-6	264	103
6-8	<b>273</b>	<b>226</b>
8-10	321	249
10-12	No Scan	223

PID responses are 100 ppm Isobutylene equivalent  
**Bold – Samples submitted to laboratory**

The soil sample at the soil/groundwater interface (6-8') from each boring was submitted to the laboratory for Gasoline and Diesel Range Organics (GRO/DRO) Total Petroleum Hydrocarbons (TPH) analysis, using EPA Test Method 8015. The TPH results are presented in the following table and the laboratory's Analytical Report is included in Appendix C.

Laboratory Results			
Soil (mg/kg)			
Sample	Depth (ft.)	TPH Concentration	
		GRO	DRO
B-1	(6-8')	1200	320
B-2	(6-8')	540	92

mg/kg – Equivalent to parts per million (ppm)  
 BDL – Below detection limit \* No analysis

## Section 3.2 Groundwater Investigation

To help determine the condition of the groundwater beneath the site, a temporary piezometer was installed in each boring for groundwater sample collection and to check for free product. No free product was detected in either of the piezometers.

Groundwater was encountered at a depth of approximately 7 feet below ground level (bgl) at the time of drilling. A groundwater sample was collected from each piezometer and analyzed for GRO-TPH, DRO-TPH and volatile organic compounds (VOC's) including Ethanol. The laboratory results are presented in the following table and the laboratory's Analytical Report is included in Appendix C.

Laboratory Results Groundwater (mg/L)		
Analyte	B-1	B-2
TPH-GRO	41.0	13.0
TPH-DRO	10.0	9.20
MTBE	BDL	0.150
Benzene	0.360	0.017
Toluene	2.80	0.028
Ethylbenzene	1.30	0.220
Xylenes (m,p,o)	5.10	0.258
Ethanol	BDL	BDL
Naphthalene	0.440	0.110
1,2,4-Trimethylbenzene	1.60	0.430
1,3,5-Trimethylbenzene	0.530	0.170
Isopropylbenzene	0.110	0.047
n-Butylbenzene	0.076	0.023
N-Propylbenzene	0.210	0.056
p-Cymene	0.028	0.018

mg/L – Equivalent to parts per million (ppm)  
BDL – Below detection limit

## Section 4.0 CONCLUSIONS / RECOMMENDATIONS

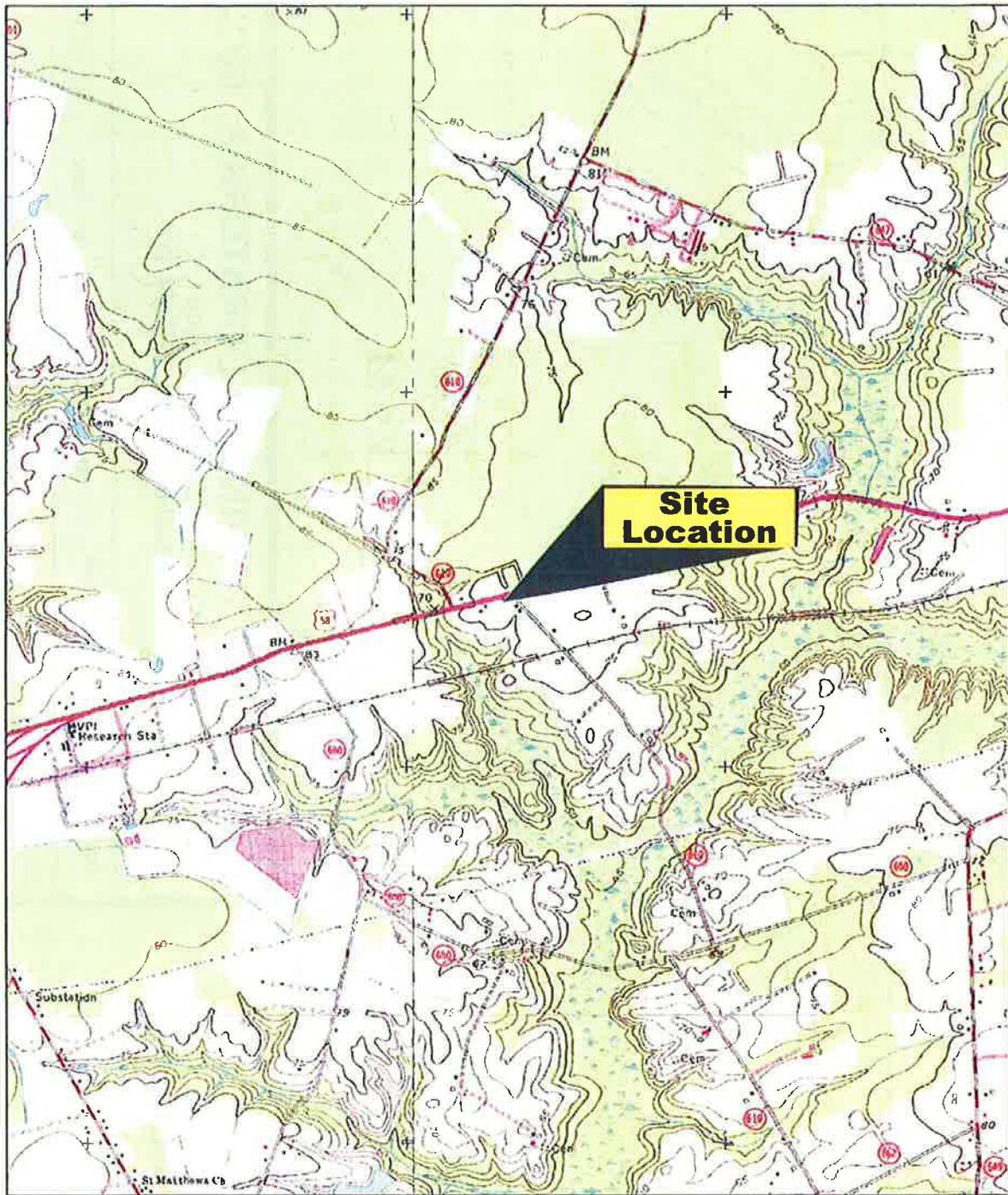
McCallum has completed the Limited Phase II Environmental Site Assessment of the Holland Food Mart located at 5703 Holland Road in Suffolk, Virginia and the following conclusions are noted:

1. Laboratory results revealed low to moderate TPH concentrations in the soil.
2. The dissolved concentrations in the groundwater exceed the Virginia DEQ's Groundwater Standards. No Ethanol was detected in the groundwater.
3. No free product was detected in either of the temporary piezometers.

4. In accordance with Virginia Department of Environmental Quality regulations, the owner/operator of the UST system is required to notify the DEQ of the laboratory results and site conditions within 24 hours.

#### **Section 5.0            LIMITATIONS**

It is important to note that the soil and groundwater samples analyzed in this investigation are considered as isolated data points which may not be representative of subsurface conditions across the entire site. Therefore, the conclusions and recommendations of this investigation may not be completely indicative of all subsurface conditions. The conclusions and recommendations are based on the scope of work described herein and the best available data at this time. No other warranty is expressed or implied. This report does not warrant against future operations or present conditions not discovered by this investigation.



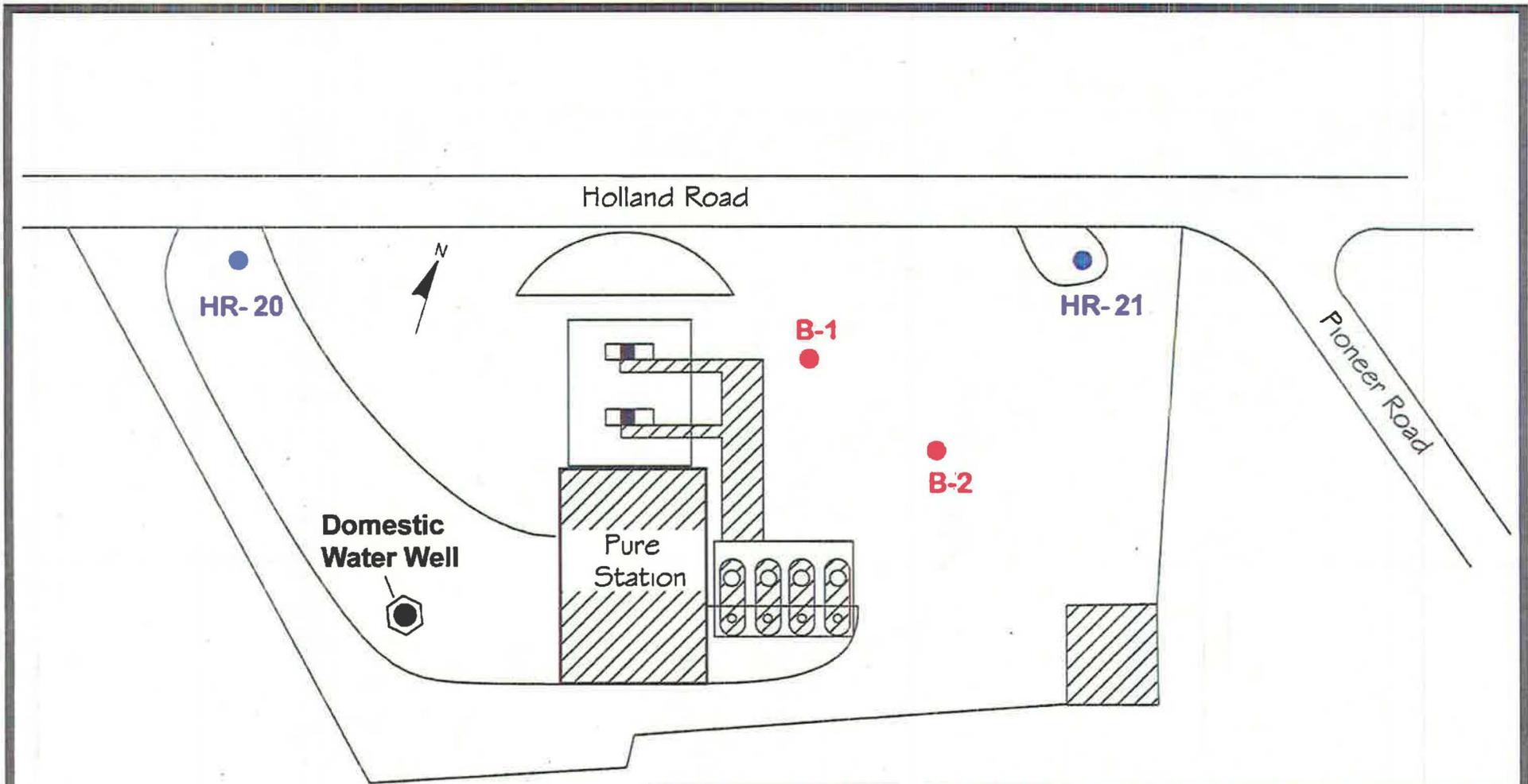
J-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS 1:50 ft Scale: 1:24,000 Detail: 13-0 Datum: WGS84



**McCALLUM TESTING LABORATORIES, INC.**

1808 Hayward Avenue  
Chesapeake, Virginia 23325-0337

Scale:	1:24,000	Approved By:	Richard J. Seage, P.G.	Date:	5/13
Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074				
Drawing Title:	Site Location Map			Drawing Number:	Figure 1



● **McCallum 2013 Release Investigation Boring Locations**

● **AECOM Boring Locations**

**McCALLUM TESTING LABORATORIES, INC.**

1808 Hayward Avenue  
Chesapeake, Virginia 23325-0337

Scale:	—	Approved By:	Richard Seage, P.G.	Date:	5/13
Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074				
Drawing Title:	Site Drawing			Drawing Number:	Figure 2

EPA 931

Elev. (Feet)	Depth (Feet)	Material Description	Well Detail	Comments	PID Result (ppm)		
					0	250	500
		Asphalt - 4"					
		Dark gray sandy clay with faint petroleum odor, CL		(0-2') 123 ppm			
		Gray silty clay with petroleum odor, CL		(2-4') 203 ppm			
	5	Gray sandy clay with petroleum odor, CL		(4-6') 264 ppm			
		Light gray sandy clay with petroleum odor, CL		(6-8') 273 ppm*			
		Same	▽				
		Light gray clayey sand with petroleum odor, SC		(8-10') 321 ppm			
	10	No Recovery		No Scan			
		BORING TERMINATED AT 12 FEET SOIL AND GROUNDWATER SAMPLES COLLECTED * SUBMITTED TO LABORATORY					

**Legend**

●	- PID Reading (ppm)
▨	- Split Spoon Sample
▽	- Water Table at Time of Boring
▼	- 24 Hour Water Table Reading

MONITORING WELL / BORING LOG	
<b>BORING NUMBER</b>	B-1
<b>DATE DRILLED</b>	May 7, 2013
<b>PROJECT NUMBER</b>	13-1330
<b>PROJECT</b>	Pure Station
<b>LOCATION</b>	5703 Holland Rd. Suffolk, Va.
<b>McCALLUM TESTING LABORATORIES, INC.</b>	

Elev. (Feet)	Depth (Feet)	Material Description	Well Detail	Comments	PID Result (ppm)		
					0	250	500
		Asphalt - 6"					
		Dark gray sandy clay, CL		(0-2') 53 ppm			
		Gray sandy clay with faint petroleum odor, CL		(2-4') 23 ppm			
	5	Same		(4-6') 103 ppm			
		Light gray sandy clay with petroleum odor, CL	▽	(6-8') 226 ppm*			
		Light gray clayey sand with petroleum odor, SC		(8-10') 249 ppm			
	10	Same		(10-12') 223 ppm			
		BORING TERMINATED AT 12 FEET SOIL AND GROUNDWATER SAMPLES COLLECTED * SUBMITTED TO LABORATORY					

**Legend**

- - PID Reading (ppm)
- ▨ - Split Spoon Sample
- ▽ - Water Table at Time of Boring
- ▼ - 24 Hour Water Table Reading

MONITORING WELL / BORING LOG	
BORING NUMBER	B-2
DATE DRILLED	May 7, 2013
PROJECT NUMBER	13-1330
PROJECT	Pure Station
LOCATION	5703 Holland Rd. Suffolk, Va.
<b>McCALLUM TESTING LABORATORIES, INC.</b>	

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Pensacola  
3355 McLemore Drive  
Pensacola, FL 32514  
Tel: (850)474-1001

TestAmerica Job ID: 400-74659-1  
Client Project/Site: Pure Station 13-1330

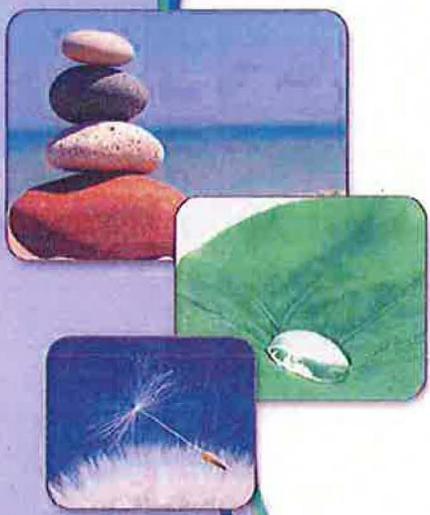
For:  
McCallum Testing Laboratories, Inc  
1808 Hayward Ave  
Chesapeake, Virginia 23320

Attn: Marvin Smith

*Mark Swafford*

Authorized for release by:  
5/16/2013 11:40:03 AM

Mark Swafford, Project Manager I  
mark.swafford@testamericainc.com



### LINKS

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**TotalAccess**

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[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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## Definitions/Glossary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

### Qualifiers

#### GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
"	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

TestAmerica Pensacola

## Case Narrative

Client: McCallum Testing Laboratories, Inc  
Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

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Job ID: 400-74659-1

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Laboratory: TestAmerica Pensacola

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Narrative

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Job Narrative  
400-74659-1

### Comments

No additional comments.

### Receipt

The samples were received on 5/8/2013 8:36 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.5° C.

### GC/MS VOA

Method 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 400-179881 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

### GC VOA

No analytical or quality issues were noted.

### GC Semi VOA

No analytical or quality issues were noted.

### Organic Prep

Method 3520C: Insufficient sample volume was available to meet method-mandated requirements for matrix spike/matrix spike duplicate (MS/MSD) analyses for batch 400-179389.

No other analytical or quality issues were noted.

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## Detection Summary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

Client Sample ID: B-1 (6-8')

Lab Sample ID: 400-74659-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO) C6-C10	1200		39		mg/Kg	500	*	8015C	Total/NA
Diesel Range Organics [C10-C28]	320		2.9		mg/Kg	1	*	8015C	Total/NA

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Client Sample ID: B-1

Lab Sample ID: 400-74659-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1600		20		ug/L	20		8260B	Total/NA
1,3,5-Trimethylbenzene	530		20		ug/L	20		8260B	Total/NA
Benzene	360		20		ug/L	20		8260B	Total/NA
Ethylbenzene	1300		20		ug/L	20		8260B	Total/NA
Isopropylbenzene	110		20		ug/L	20		8260B	Total/NA
m-Xylene & p-Xylene	3600		200		ug/L	20		8260B	Total/NA
Naphthalene	440		20		ug/L	20		8260B	Total/NA
n-Butylbenzene	76		20		ug/L	20		8260B	Total/NA
N-Propylbenzene	210		20		ug/L	20		8260B	Total/NA
o-Xylene	1500		100		ug/L	20		8260B	Total/NA
p-Cymene	28		20		ug/L	20		8260B	Total/NA
Toluene	2800		20		ug/L	20		8260B	Total/NA
Gasoline Range Organics (GRO) C6-C10	41000		5000		ug/L	50		8015C	Total/NA
Diesel Range Organics [C10-C28]	10000		120		ug/L	1		8015C	Total/NA

Client Sample ID: B-2 (6-8')

Lab Sample ID: 400-74659-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO) C6-C10	540		20		mg/Kg	250	*	8015C	Total/NA
Diesel Range Organics [C10-C28]	92		3.0		mg/Kg	1	*	8015C	Total/NA

Client Sample ID: B-2

Lab Sample ID: 400-74659-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	430		5.0		ug/L	5		8260B	Total/NA
1,3,5-Trimethylbenzene	170		5.0		ug/L	5		8260B	Total/NA
Benzene	17		5.0		ug/L	5		8260B	Total/NA
Ethylbenzene	220		5.0		ug/L	5		8260B	Total/NA
Isopropylbenzene	47		5.0		ug/L	5		8260B	Total/NA
Methyl tert-butyl ether	160		5.0		ug/L	5		8260B	Total/NA
m-Xylene & p-Xylene	230		50		ug/L	5		8260B	Total/NA
Naphthalene	110		5.0		ug/L	5		8260B	Total/NA
n-Butylbenzene	23		5.0		ug/L	5		8260B	Total/NA
N-Propylbenzene	56		5.0		ug/L	5		8260B	Total/NA
o-Xylene	28		25		ug/L	5		8260B	Total/NA
p-Cymene	18		5.0		ug/L	5		8260B	Total/NA
Toluene	28		5.0		ug/L	5		8260B	Total/NA
Gasoline Range Organics (GRO) C6-C10	13000		5000		ug/L	50		8015C	Total/NA
Diesel Range Organics [C10-C28]	9200		120		ug/L	1		8015C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

# Sample Summary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-74659-1	B-1 (6-8')	Solid	05/07/13 00:00	05/08/13 08:36
400-74659-2	B-1	Water	05/07/13 00:00	05/08/13 08:36
400-74659-3	B-2 (6-8')	Solid	05/07/13 00:00	05/08/13 08:36
400-74659-4	B-2	Water	05/07/13 00:00	05/08/13 08:36

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## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

Client Sample ID: B-1 (6-8')

Lab Sample ID: 400-74659-1

Date Collected: 05/07/13 00:00

Matrix: Solid

Date Received: 05/08/13 08:36

Percent Solids: 83.9

**Method: 8015C - GRO by 8015C**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6-C10	1200		39		mg/Kg	☒	05/10/13 15:00	05/13/13 13:29	500

**Surrogate**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	91		65 - 125	05/10/13 15:00	05/13/13 13:29	500

**Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	320		2.9		mg/Kg	☒	05/08/13 11:51	05/09/13 03:03	1

**Surrogate**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	81		30 - 118	05/08/13 11:51	05/09/13 03:03	1

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

Client Sample ID: B-1

Lab Sample ID: 400-74659-2

Date Collected: 05/07/13 00:00

Matrix: Water

Date Received: 05/08/13 08:36

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<20		20		ug/L			05/15/13 19:35	20
1,1,1-Trichloroethane	<20		20		ug/L			05/15/13 19:35	20
1,1,2,2-Tetrachloroethane	<20		20		ug/L			05/15/13 19:35	20
1,1,2-Trichloroethane	<100		100		ug/L			05/15/13 19:35	20
1,1-Dichloroethane	<20		20		ug/L			05/15/13 19:35	20
1,1-Dichloroethene	<20		20		ug/L			05/15/13 19:35	20
1,2,3-Trichlorobenzene	<20		20		ug/L			05/15/13 19:35	20
1,2,3-Trichloropropane	<100		100		ug/L			05/15/13 19:35	20
1,2,4-Trichlorobenzene	<20		20		ug/L			05/15/13 19:35	20
1,2,4-Trimethylbenzene	1600		20		ug/L			05/15/13 19:35	20
1,2-Dichlorobenzene	<20		20		ug/L			05/15/13 19:35	20
1,2-Dichloroethane	<20		20		ug/L			05/15/13 19:35	20
1,2-Dichloropropane	<20		20		ug/L			05/15/13 19:35	20
1,3,5-Trimethylbenzene	530		20		ug/L			05/15/13 19:35	20
1,3-Dichlorobenzene	<20		20		ug/L			05/15/13 19:35	20
1,3-Dichloropropane	<20		20		ug/L			05/15/13 19:35	20
1,4-Dichlorobenzene	<20		20		ug/L			05/15/13 19:35	20
2,2-Dichloropropane	<20		20		ug/L			05/15/13 19:35	20
2-Chlorotoluene	<20		20		ug/L			05/15/13 19:35	20
4-Chlorotoluene	<20		20		ug/L			05/15/13 19:35	20
Benzene	360		20		ug/L			05/15/13 19:35	20
Bromobenzene	<20		20		ug/L			05/15/13 19:35	20
Bromochloromethane	<20		20		ug/L			05/15/13 19:35	20
Bromodichloromethane	<20		20		ug/L			05/15/13 19:35	20
Bromoform	<100		100		ug/L			05/15/13 19:35	20
Bromomethane	<20		20		ug/L			05/15/13 19:35	20
Carbon tetrachloride	<20		20		ug/L			05/15/13 19:35	20
Chlorobenzene	<20		20		ug/L			05/15/13 19:35	20
Chloroethane	<20		20		ug/L			05/15/13 19:35	20
Chloroform	<20		20		ug/L			05/15/13 19:35	20
Chloromethane	<20		20		ug/L			05/15/13 19:35	20
cis-1,2-Dichloroethene	<20		20		ug/L			05/15/13 19:35	20
cis-1,3-Dichloropropene	<100		100		ug/L			05/15/13 19:35	20
Dibromochloromethane	<20		20		ug/L			05/15/13 19:35	20
Dibromomethane	<100		100		ug/L			05/15/13 19:35	20
Dichlorodifluoromethane	<20		20		ug/L			05/15/13 19:35	20
Ethanol	<2000		2000		ug/L			05/15/13 19:35	20
Ethylbenzene	1300		20		ug/L			05/15/13 19:35	20
Ethylene Dibromide	<20		20		ug/L			05/15/13 19:35	20
Hexachlorobutadiene	<100		100		ug/L			05/15/13 19:35	20
Isopropylbenzene	110		20		ug/L			05/15/13 19:35	20
Methyl tert-butyl ether	<20		20		ug/L			05/15/13 19:35	20
Methylene Chloride	<100		100		ug/L			05/15/13 19:35	20
m-Xylene & p-Xylene	3600		200		ug/L			05/15/13 19:35	20
Naphthalene	440		20		ug/L			05/15/13 19:35	20
n-Butylbenzene	76		20		ug/L			05/15/13 19:35	20
N-Propylbenzene	210		20		ug/L			05/15/13 19:35	20
o-Xylene	1500		100		ug/L			05/15/13 19:35	20
p-Cymene	28		20		ug/L			05/15/13 19:35	20

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

Client Sample ID: B-1

Lab Sample ID: 400-74659-2

Date Collected: 05/07/13 00:00

Matrix: Water

Date Received: 05/08/13 08:36

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<20		20		ug/L			05/15/13 19:35	20
Styrene	<20		20		ug/L			05/15/13 19:35	20
tert-Butylbenzene	<20		20		ug/L			05/15/13 19:35	20
Tetrachloroethene	<20		20		ug/L			05/15/13 19:35	20
Toluene	2800		20		ug/L			05/15/13 19:35	20
trans-1,2-Dichloroethene	<20		20		ug/L			05/15/13 19:35	20
trans-1,3-Dichloropropene	<100		100		ug/L			05/15/13 19:35	20
Trichloroethene	<20		20		ug/L			05/15/13 19:35	20
Trichlorofluoromethane	<20		20		ug/L			05/15/13 19:35	20
Vinyl chloride	<20		20		ug/L			05/15/13 19:35	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		78 - 118		05/15/13 19:35	20
Dibromofluoromethane	97		81 - 121		05/15/13 19:35	20
Toluene-d8 (Surr)	99		80 - 120		05/15/13 19:35	20

### Method: 8015C - GRO by 8015C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6-C10	41000		5000		ug/L			05/11/13 02:49	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	111		78 - 119		05/11/13 02:49	50

### Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	10000		120		ug/L		05/08/13 14:41	05/09/13 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	103		49 - 134	05/08/13 14:41	05/09/13 21:15	1

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

Client Sample ID: B-2 (6-8')

Lab Sample ID: 400-74659-3

Date Collected: 05/07/13 00:00

Matrix: Solid

Date Received: 05/08/13 08:36

Percent Solids: 84.4

Method: 8015C - GRO by 8015C										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO) C6-C10	640		20		mg/Kg	☒	05/10/13 15:00	05/13/13 13:56	250	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
a,a,a-Trifluorotoluene (fid)	81		65 - 125				05/10/13 15:00	05/13/13 13:56	250	
Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	82		3.0		mg/Kg	☒	05/08/13 11:51	05/09/13 03:13	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
o-Terphenyl (Surr)	92		30 - 118				05/08/13 11:51	05/09/13 03:13	1	

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## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

Client Sample ID: B-2

Lab Sample ID: 400-74659-4

Date Collected: 05/07/13 00:00

Matrix: Water

Date Received: 05/08/13 08:36

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0		5.0		ug/L			05/15/13 19:07	5
1,1,1-Trichloroethane	<5.0		5.0		ug/L			05/15/13 19:07	5
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/L			05/15/13 19:07	5
1,1,2-Trichloroethane	<25		25		ug/L			05/15/13 19:07	5
1,1-Dichloroethane	<5.0		5.0		ug/L			05/15/13 19:07	5
1,1-Dichloroethene	<5.0		5.0		ug/L			05/15/13 19:07	5
1,2,3-Trichlorobenzene	<5.0		5.0		ug/L			05/15/13 19:07	5
1,2,3-Trichloropropane	<25		25		ug/L			05/15/13 19:07	5
1,2,4-Trichlorobenzene	<5.0		5.0		ug/L			05/15/13 19:07	5
1,2,4-Trimethylbenzene	430		5.0		ug/L			05/15/13 19:07	5
1,2-Dichlorobenzene	<5.0		5.0		ug/L			05/15/13 19:07	5
1,2-Dichloroethane	<5.0		5.0		ug/L			05/15/13 19:07	5
1,2-Dichloropropane	<5.0		5.0		ug/L			05/15/13 19:07	5
1,3,5-Trimethylbenzene	170		5.0		ug/L			05/15/13 19:07	5
1,3-Dichlorobenzene	<5.0		5.0		ug/L			05/15/13 19:07	5
1,3-Dichloropropane	<5.0		5.0		ug/L			05/15/13 19:07	5
1,4-Dichlorobenzene	<5.0		5.0		ug/L			05/15/13 19:07	5
2,2-Dichloropropane	<5.0		5.0		ug/L			05/15/13 19:07	5
2-Chlorotoluene	<5.0		5.0		ug/L			05/15/13 19:07	5
4-Chlorotoluene	<5.0		5.0		ug/L			05/15/13 19:07	5
Benzene	17		5.0		ug/L			05/15/13 19:07	5
Bromobenzene	<5.0		5.0		ug/L			05/15/13 19:07	5
Bromochloromethane	<5.0		5.0		ug/L			05/15/13 19:07	5
Bromodichloromethane	<5.0		5.0		ug/L			05/15/13 19:07	5
Bromoform	<25		25		ug/L			05/15/13 19:07	5
Bromomethane	<5.0		5.0		ug/L			05/15/13 19:07	5
Carbon tetrachloride	<5.0		5.0		ug/L			05/15/13 19:07	5
Chlorobenzene	<5.0		5.0		ug/L			05/15/13 19:07	5
Chloroethane	<5.0		5.0		ug/L			05/15/13 19:07	5
Chloroform	<5.0		5.0		ug/L			05/15/13 19:07	5
Chloromethane	<5.0		5.0		ug/L			05/15/13 19:07	5
cis-1,2-Dichloroethene	<5.0		5.0		ug/L			05/15/13 19:07	5
cis-1,3-Dichloropropene	<25		25		ug/L			05/15/13 19:07	5
Dibromochloromethane	<5.0		5.0		ug/L			05/15/13 19:07	5
Dibromomethane	<25		25		ug/L			05/15/13 19:07	5
Dichlorodifluoromethane	<5.0		5.0		ug/L			05/15/13 19:07	5
Ethanol	<500		500		ug/L			05/15/13 19:07	5
Ethylbenzene	220		5.0		ug/L			05/15/13 19:07	5
Ethylene Dibromide	<5.0		5.0		ug/L			05/15/13 19:07	5
Hexachlorobutadiene	<25		25		ug/L			05/15/13 19:07	5
Isopropylbenzene	47		5.0		ug/L			05/15/13 19:07	5
Methyl tert-butyl ether	160		5.0		ug/L			05/15/13 19:07	5
Methylene Chloride	<25		25		ug/L			05/15/13 19:07	5
m-Xylene & p-Xylene	230		50		ug/L			05/15/13 19:07	5
Naphthalene	110		5.0		ug/L			05/15/13 19:07	5
n-Butylbenzene	23		5.0		ug/L			05/15/13 19:07	5
N-Propylbenzene	66		5.0		ug/L			05/15/13 19:07	5
o-Xylene	28		25		ug/L			05/15/13 19:07	5
p-Cymene	18		5.0		ug/L			05/15/13 19:07	5

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

Client Sample ID: B-2

Lab Sample ID: 400-74659-4

Date Collected: 05/07/13 00:00

Matrix: Water

Date Received: 05/08/13 08:36

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<5.0		5.0		ug/L			05/15/13 19:07	5
Styrene	<5.0		5.0		ug/L			05/15/13 19:07	5
tert-Butylbenzene	<5.0		5.0		ug/L			05/15/13 19:07	5
Tetrachloroethene	<5.0		5.0		ug/L			05/15/13 19:07	5
Toluene	28		5.0		ug/L			05/15/13 19:07	5
trans-1,2-Dichloroethene	<5.0		5.0		ug/L			05/15/13 19:07	5
trans-1,3-Dichloropropene	<25		25		ug/L			05/15/13 19:07	5
Trichloroethene	<5.0		5.0		ug/L			05/15/13 19:07	5
Trichlorofluoromethane	<5.0		5.0		ug/L			05/15/13 19:07	5
Vinyl chloride	<5.0		5.0		ug/L			05/15/13 19:07	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		78 - 118					05/15/13 19:07	5
Dibromofluoromethane	96		81 - 121					05/15/13 19:07	5
Toluene-d8 (Surr)	101		60 - 120					05/15/13 19:07	5

Method: 8015C - GRO by 8015C									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6-C10	13000		5000		ug/L			05/11/13 03:20	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	111		78 - 119					05/11/13 03:20	50

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	9200		120		ug/L		05/08/13 14:41	05/09/13 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	107		49 - 134				05/08/13 14:41	05/09/13 21:25	1

TestAmerica Pensacola

## QC Association Summary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

### GC/MS VOA

#### Analysis Batch: 179881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-74586-A-17 MS	Matrix Spike	Total/NA	Water	8260B	
400-74586-A-17 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
400-74659-2	B-1	Total/NA	Water	8260B	
400-74659-4	B-2	Total/NA	Water	8260B	
LCS 400-179881/1001	Lab Control Sample	Total/NA	Water	8260B	
MB 400-179881/4	Method Blank	Total/NA	Water	8260B	

### GC VOA

#### Analysis Batch: 179577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-74628-D-1 MS	Matrix Spike	Total/NA	Water	8015C	
400-74628-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015C	
400-74659-2	B-1	Total/NA	Water	8015C	
400-74659-4	B-2	Total/NA	Water	8015C	
LCS 400-179577/1000	Lab Control Sample	Total/NA	Water	8015C	
MB 400-179577/4	Method Blank	Total/NA	Water	8015C	

#### Prep Batch: 179582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-74659-1	B-1 (6-8')	Total/NA	Solid	5035	
400-74659-3	B-2 (6-8')	Total/NA	Solid	5035	
400-74718-A-8-C MS	Matrix Spike	Total/NA	Solid	5035	
400-74718-A-8-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	
LCS 400-179582/2-A	Lab Control Sample	Total/NA	Solid	5035	
MB 400-179582/1-A	Method Blank	Total/NA	Solid	5035	

#### Analysis Batch: 179585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-74659-1	B-1 (6-8')	Total/NA	Solid	8015C	179582
400-74659-3	B-2 (6-8')	Total/NA	Solid	8015C	179582
400-74718-A-8-C MS	Matrix Spike	Total/NA	Solid	8015C	179582
400-74718-A-8-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015C	179582
LCS 400-179582/2-A	Lab Control Sample	Total/NA	Solid	8015C	179582
MB 400-179582/1-A	Method Blank	Total/NA	Solid	8015C	179582

### GC Semi VOA

#### Prep Batch: 179370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-74658-A-7-B MS	Matrix Spike	Total/NA	Solid	3550C	
400-74658-A-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	
400-74659-1	B-1 (6-8')	Total/NA	Solid	3550C	
400-74659-3	B-2 (6-8')	Total/NA	Solid	3550C	
LCS 400-179370/13-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 400-179370/14-A	Method Blank	Total/NA	Solid	3550C	

#### Prep Batch: 179389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-74659-2	B-1	Total/NA	Water	3520C	

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## QC Association Summary

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

### GC Semi VOA (Continued)

#### Prep Batch: 179389 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-74659-4	B-2	Total/NA	Water	3520C	
LCS 400-179389/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 400-179389/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 400-179389/1-A	Method Blank	Total/NA	Water	3520C	

#### Analysis Batch: 179420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-74658-A-7-B MS	Matrix Spike	Total/NA	Solid	8015C	179370
400-74658-A-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015C	179370
400-74659-1	B-1 (6-8')	Total/NA	Solid	8015C	179370
400-74659-3	B-2 (6-8')	Total/NA	Solid	8015C	179370
LCS 400-179370/13-A	Lab Control Sample	Total/NA	Solid	8015C	179370
MB 400-179370/14-A	Method Blank	Total/NA	Solid	8015C	179370

#### Analysis Batch: 179518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-74659-2	B-1	Total/NA	Water	8015C	179389
400-74659-4	B-2	Total/NA	Water	8015C	179389
LCS 400-179389/2-A	Lab Control Sample	Total/NA	Water	8015C	179389
LCSD 400-179389/3-A	Lab Control Sample Dup	Total/NA	Water	8015C	179389
MB 400-179389/1-A	Method Blank	Total/NA	Water	8015C	179389

### General Chemistry

#### Analysis Batch: 179715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-74659-1	B-1 (6-8')	Total/NA	Solid	Molsture	
400-74659-3	B-2 (6-8')	Total/NA	Solid	Molsture	

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-179881/4

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 179881

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			05/15/13 10:04	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			05/15/13 10:04	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			05/15/13 10:04	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			05/15/13 10:04	1
1,1-Dichloroethane	<1.0		1.0		ug/L			05/15/13 10:04	1
1,1-Dichloroethene	<1.0		1.0		ug/L			05/15/13 10:04	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			05/15/13 10:04	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			05/15/13 10:04	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			05/15/13 10:04	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			05/15/13 10:04	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			05/15/13 10:04	1
1,2-Dichloroethane	<1.0		1.0		ug/L			05/15/13 10:04	1
1,2-Dichloropropane	<1.0		1.0		ug/L			05/15/13 10:04	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			05/15/13 10:04	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			05/15/13 10:04	1
1,3-Dichloropropane	<1.0		1.0		ug/L			05/15/13 10:04	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			05/15/13 10:04	1
2,2-Dichloropropane	<1.0		1.0		ug/L			05/15/13 10:04	1
2-Chlorotoluene	<1.0		1.0		ug/L			05/15/13 10:04	1
4-Chlorotoluene	<1.0		1.0		ug/L			05/15/13 10:04	1
Benzene	<1.0		1.0		ug/L			05/15/13 10:04	1
Bromobenzene	<1.0		1.0		ug/L			05/15/13 10:04	1
Bromochloromethane	<1.0		1.0		ug/L			05/15/13 10:04	1
Bromodichloromethane	<1.0		1.0		ug/L			05/15/13 10:04	1
Bromoform	<5.0		5.0		ug/L			05/15/13 10:04	1
Bromomethane	<1.0		1.0		ug/L			05/15/13 10:04	1
Carbon tetrachloride	<1.0		1.0		ug/L			05/15/13 10:04	1
Chlorobenzene	<1.0		1.0		ug/L			05/15/13 10:04	1
Chloroethane	<1.0		1.0		ug/L			05/15/13 10:04	1
Chloroform	<1.0		1.0		ug/L			05/15/13 10:04	1
Chloromethane	<1.0		1.0		ug/L			05/15/13 10:04	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			05/15/13 10:04	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			05/15/13 10:04	1
Dibromochloromethane	<1.0		1.0		ug/L			05/15/13 10:04	1
Dibromomethane	<5.0		5.0		ug/L			05/15/13 10:04	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			05/15/13 10:04	1
Ethanol	<100		100		ug/L			05/15/13 10:04	1
Ethylbenzene	<1.0		1.0		ug/L			05/15/13 10:04	1
Ethylene Dibromide	<1.0		1.0		ug/L			05/15/13 10:04	1
Hexachlorobutadiene	<5.0		5.0		ug/L			05/15/13 10:04	1
Isopropylbenzene	<1.0		1.0		ug/L			05/15/13 10:04	1
Methyl tert-butyl ether	<1.0		1.0		ug/L			05/15/13 10:04	1
Methylene Chloride	<5.0		5.0		ug/L			05/15/13 10:04	1
m-Xylene & p-Xylene	<10		10		ug/L			05/15/13 10:04	1
Naphthalene	<1.0		1.0		ug/L			05/15/13 10:04	1
n-Butylbenzene	<1.0		1.0		ug/L			05/15/13 10:04	1
N-Propylbenzene	<1.0		1.0		ug/L			05/15/13 10:04	1
o-Xylene	<5.0		5.0		ug/L			05/15/13 10:04	1

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-179881/4  
Matrix: Water  
Analysis Batch: 179881

Client Sample ID: Method Blank  
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
p-Cymene	<1.0		1.0		ug/L			05/15/13 10:04	1
sec-Butylbenzene	<1.0		1.0		ug/L			05/15/13 10:04	1
Styrene	<1.0		1.0		ug/L			05/15/13 10:04	1
tert-Butylbenzene	<1.0		1.0		ug/L			05/15/13 10:04	1
Tetrachloroethene	<1.0		1.0		ug/L			05/15/13 10:04	1
Toluene	<1.0		1.0		ug/L			05/15/13 10:04	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			05/15/13 10:04	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			05/15/13 10:04	1
Trichloroethene	<1.0		1.0		ug/L			05/15/13 10:04	1
Trichlorofluoromethane	<1.0		1.0		ug/L			05/15/13 10:04	1
Vinyl chloride	<1.0		1.0		ug/L			05/15/13 10:04	1
Surrogate	MB MB		Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene	97		78 - 118					05/15/13 10:04	1
Dibromofluoromethane	99		81 - 121					05/15/13 10:04	1
Toluene-d8 (Surr)	99		80 - 120					05/15/13 10:04	1

Lab Sample ID: LCS 400-179881/1001  
Matrix: Water  
Analysis Batch: 179881

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	100	106		ug/L		106	66 - 126
1,1,1-Trichloroethane	100	107		ug/L		107	66 - 130
1,1,1,2,2-Tetrachloroethane	100	97.8		ug/L		98	68 - 132
1,1,2-Trichloroethane	100	96.8		ug/L		97	81 - 117
1,1-Dichloroethane	100	105		ug/L		105	75 - 126
1,1-Dichloroethene	100	104		ug/L		104	50 - 134
1,2,3-Trichlorobenzene	100	90.5		ug/L		90	62 - 130
1,2,3-Trichloropropane	100	93.2		ug/L		93	72 - 125
1,2,4-Trichlorobenzene	100	95.1		ug/L		95	69 - 128
1,2,4-Trimethylbenzene	100	107		ug/L		107	77 - 127
1,2-Dichlorobenzene	100	102		ug/L		102	80 - 121
1,2-Dichloroethane	100	101		ug/L		101	69 - 128
1,2-Dichloropropane	100	98.2		ug/L		98	77 - 126
1,3,5-Trimethylbenzene	100	110		ug/L		110	82 - 119
1,3-Dichlorobenzene	100	104		ug/L		104	77 - 124
1,3-Dichloropropane	100	96.1		ug/L		96	77 - 120
1,4-Dichlorobenzene	100	101		ug/L		101	79 - 119
2,2-Dichloropropane	100	108		ug/L		108	52 - 135
2-Chlorotoluene	100	106		ug/L		106	75 - 126
4-Chlorotoluene	100	104		ug/L		104	81 - 125
Benzene	100	102		ug/L		102	79 - 120
Bromobenzene	100	103		ug/L		103	80 - 121
Bromochloromethane	100	99.9		ug/L		100	82 - 114
Bromodichloromethane	100	102		ug/L		102	75 - 127
Bromoform	100	103		ug/L		103	65 - 121
Bromomethane	25.0	43.1	*	ug/L		172	10 - 150

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 400-179881/1001**  
**Matrix: Water**  
**Analysis Batch: 179881**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	100	111		ug/L		111	46 - 141
Chlorobenzene	100	102		ug/L		102	85 - 120
Chloroethane	25.0	22.6		ug/L		90	37 - 150
Chloroform	100	104		ug/L		104	73 - 122
Chloromethane	25.0	23.7		ug/L		95	49 - 141
cis-1,2-Dichloroethene	100	102		ug/L		102	78 - 122
cis-1,3-Dichloropropene	100	102		ug/L		102	70 - 122
Dibromochloromethane	100	103		ug/L		103	63 - 125
Dibromomethane	100	98.7		ug/L		99	78 - 117
Dichlorodifluoromethane	25.0	21.3		ug/L		85	27 - 144
Ethanol	2000	1610		ug/L		81	10 - 150
Ethylbenzene	100	106		ug/L		106	82 - 120
Ethylene Dibromide	100	94.7		ug/L		95	82 - 119
Hexachlorobutadiene	100	111		ug/L		111	35 - 150
Isopropylbenzene	100	111		ug/L		111	76 - 118
Methyl tert-butyl ether	100	93.1		ug/L		93	70 - 124
Methylene Chloride	100	101		ug/L		101	70 - 130
m-Xylene & p-Xylene	100	106		ug/L		106	80 - 120
Naphthalene	100	77.4		ug/L		77	45 - 131
n-Butylbenzene	100	109		ug/L		109	76 - 138
N-Propylbenzene	100	110		ug/L		110	75 - 128
o-Xylene	100	106		ug/L		106	82 - 120
sec-Butylbenzene	100	111		ug/L		111	78 - 128
Styrene	100	107		ug/L		107	79 - 124
tert-Butylbenzene	100	108		ug/L		108	82 - 120
Tetrachloroethene	100	105		ug/L		105	76 - 124
Toluene	100	105		ug/L		105	81 - 120
trans-1,2-Dichloroethene	100	104		ug/L		104	70 - 126
trans-1,3-Dichloropropene	100	105		ug/L		105	64 - 120
Trichloroethene	100	105		ug/L		105	77 - 119
Trichlorofluoromethane	25.0	23.5		ug/L		94	26 - 150
Vinyl chloride	25.0	24.7		ug/L		99	60 - 128

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	98		78 - 118
Dibromofluoromethane	104		81 - 121
Toluene-d8 (Surr)	101		80 - 120

**Lab Sample ID: 400-74586-A-17 MS**  
**Matrix: Water**  
**Analysis Batch: 179881**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<1.0		50.0	52.9		ug/L		106	42 - 135
1,1,1-Trichloroethane	<1.0		50.0	52.4		ug/L		105	60 - 131
1,1,2,2-Tetrachloroethane	<1.0		50.0	46.6		ug/L		93	52 - 148
1,1,2-Trichloroethane	<5.0		50.0	48.8		ug/L		98	68 - 127
1,1-Dichloroethane	<1.0		50.0	51.3		ug/L		103	10 - 150

TestAmerica Pensacola



## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-74586-A-17 MS

Matrix: Water

Analysis Batch: 179881

Client Sample ID: Matrix Spike  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	<1.0		50.0	51.2		ug/L		102	10 - 150
1,2,3-Trichlorobenzene	<1.0		50.0	44.1		ug/L		88	30 - 137
1,2,3-Trichloropropane	<5.0		50.0	46.2		ug/L		92	67 - 130
1,2,4-Trichlorobenzene	<1.0		50.0	46.2		ug/L		92	20 - 139
1,2,4-Trimethylbenzene	<1.0		50.0	50.6		ug/L		101	10 - 150
1,2-Dichlorobenzene	<1.0		50.0	50.6		ug/L		101	10 - 150
1,2-Dichloroethane	<1.0		50.0	51.6		ug/L		103	10 - 150
1,2-Dichloropropane	<1.0		50.0	49.2		ug/L		98	65 - 132
1,3,5-Trimethylbenzene	<1.0		50.0	51.7		ug/L		103	10 - 150
1,3-Dichlorobenzene	<1.0		50.0	50.8		ug/L		102	25 - 136
1,3-Dichloropropane	<1.0		50.0	49.4		ug/L		99	67 - 127
1,4-Dichlorobenzene	<1.0		50.0	49.9		ug/L		100	10 - 150
2,2-Dichloropropane	<1.0		50.0	52.0		ug/L		104	46 - 132
2-Chlorotoluene	<1.0		50.0	51.4		ug/L		103	10 - 150
4-Chlorotoluene	<1.0		50.0	51.0		ug/L		102	17 - 145
Benzene	1.7		50.0	52.5		ug/L		102	10 - 150
Bromobenzene	<1.0		50.0	49.7		ug/L		99	38 - 135
Bromochloromethane	<1.0		50.0	53.0		ug/L		106	75 - 120
Bromodichloromethane	<1.0		50.0	49.7		ug/L		99	61 - 133
Bromoform	<5.0		50.0	49.6		ug/L		99	54 - 125
Bromomethane	<1.0		25.0	34.3		ug/L		137	10 - 150
Carbon tetrachloride	<1.0		50.0	54.7		ug/L		109	40 - 138
Chlorobenzene	<1.0		50.0	51.5		ug/L		103	10 - 150
Chloroethane	<1.0		25.0	24.8		ug/L		99	38 - 150
Chloroform	<1.0		50.0	51.8		ug/L		104	10 - 150
Chloromethane	<1.0		25.0	22.1		ug/L		88	26 - 150
cis-1,2-Dichloroethene	<1.0		50.0	50.4		ug/L		101	10 - 150
cis-1,3-Dichloropropene	<5.0		50.0	50.2		ug/L		100	52 - 130
Dibromochloromethane	<1.0		50.0	50.6		ug/L		101	50 - 130
Dibromomethane	<5.0		50.0	50.5		ug/L		101	69 - 123
Dichlorodifluoromethane	<1.0		25.0	22.0		ug/L		88	10 - 150
Ethanol	<100		1000	920		ug/L		92	10 - 150
Ethylbenzene	<1.0		50.0	52.5		ug/L		105	10 - 150
Ethylene Dibromide	<1.0		50.0	47.8		ug/L		96	70 - 125
Hexachlorobutadiene	<5.0		50.0	56.2		ug/L		112	10 - 150
Isopropylbenzene	<1.0		50.0	54.9		ug/L		110	10 - 150
Methyl tert-butyl ether	<1.0		50.0	45.8		ug/L		92	10 - 150
Methylene Chloride	<5.0		50.0	51.2		ug/L		102	10 - 150
m-Xylene & p-Xylene	<10		50.0	54.4		ug/L		109	10 - 150
Naphthalene	<1.0		50.0	34.6		ug/L		69	10 - 150
n-Butylbenzene	<1.0		50.0	50.8		ug/L		102	10 - 150
N-Propylbenzene	<1.0		50.0	52.4		ug/L		105	10 - 150
o-Xylene	<5.0		50.0	52.5		ug/L		105	10 - 150
sec-Butylbenzene	<1.0		50.0	53.0		ug/L		106	10 - 150
Styrene	<1.0		50.0	53.1		ug/L		106	24 - 147
tert-Butylbenzene	<1.0		50.0	53.0		ug/L		106	10 - 150
Tetrachloroethene	<1.0		50.0	51.7		ug/L		103	10 - 150
Toluene	<1.0		50.0	51.8		ug/L		104	10 - 150

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-74586-A-17 MS  
Matrix: Water  
Analysis Batch: 179881

Client Sample ID: Matrix Spike  
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
trans-1,2-Dichloroethene	<1.0		50.0	51.8		ug/L		104	66 - 126
trans-1,3-Dichloropropene	<5.0		50.0	51.4		ug/L		103	45 - 128
Trichloroethene	<1.0		50.0	52.5		ug/L		105	10 - 150
Trichlorofluoromethane	<1.0		25.0	24.3		ug/L		97	29 - 144
Vinyl chloride	<1.0		25.0	24.9		ug/L		99	46 - 136
<b>MS MS</b>									
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene	95		78 - 118						
Dibromofluoromethane	100		81 - 121						
Toluene-d8 (Surr)	102		80 - 120						



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Lab Sample ID: 400-74586-A-17 MSD  
Matrix: Water  
Analysis Batch: 179881

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier					RPD	Limit
1,1,1,2-Tetrachloroethane	<1.0		50.0	50.3		ug/L		101	42 - 135	5	23
1,1,1-Trichloroethane	<1.0		50.0	51.4		ug/L		103	60 - 131	2	20
1,1,2,2-Tetrachloroethane	<1.0		50.0	43.8		ug/L		88	52 - 148	6	20
1,1,2-Trichloroethane	<5.0		50.0	46.4		ug/L		93	68 - 127	5	19
1,1-Dichloroethane	<1.0		50.0	50.2		ug/L		100	10 - 150	2	18
1,1-Dichloroethene	<1.0		50.0	50.8		ug/L		102	10 - 150	1	19
1,2,3-Trichlorobenzene	<1.0		50.0	44.6		ug/L		89	30 - 137	1	44
1,2,3-Trichloropropane	<5.0		50.0	42.2		ug/L		84	67 - 130	9	22
1,2,4-Trichlorobenzene	<1.0		50.0	45.0		ug/L		90	20 - 139	3	44
1,2,4-Trimethylbenzene	<1.0		50.0	49.8		ug/L		100	10 - 150	2	54
1,2-Dichlorobenzene	<1.0		50.0	48.7		ug/L		97	10 - 150	4	38
1,2-Dichloroethane	<1.0		50.0	48.7		ug/L		97	10 - 150	6	19
1,2-Dichloropropane	<1.0		50.0	47.9		ug/L		96	65 - 132	3	18
1,3,5-Trimethylbenzene	<1.0		50.0	50.2		ug/L		100	10 - 150	3	53
1,3-Dichlorobenzene	<1.0		50.0	49.4		ug/L		99	25 - 136	3	44
1,3-Dichloropropane	<1.0		50.0	46.2		ug/L		92	67 - 127	7	20
1,4-Dichlorobenzene	<1.0		50.0	48.6		ug/L		97	10 - 150	3	45
2,2-Dichloropropane	<1.0		50.0	50.0		ug/L		100	46 - 132	4	20
2-Chlorotoluene	<1.0		50.0	49.9		ug/L		100	10 - 150	3	47
4-Chlorotoluene	<1.0		50.0	49.4		ug/L		99	17 - 145	3	51
Benzene	1.7		50.0	51.0		ug/L		99	10 - 150	3	19
Bromobenzene	<1.0		50.0	47.6		ug/L		95	38 - 135	4	35
Bromochloromethane	<1.0		50.0	51.3		ug/L		103	75 - 120	3	17
Bromodichloromethane	<1.0		50.0	47.7		ug/L		95	61 - 133	4	19
Bromoform	<5.0		50.0	45.3		ug/L		91	54 - 125	9	19
Bromomethane	<1.0		25.0	33.9		ug/L		136	10 - 150	1	24
Carbon tetrachloride	<1.0		50.0	53.2		ug/L		106	40 - 138	3	21
Chlorobenzene	<1.0		50.0	49.9		ug/L		100	10 - 150	3	30
Chloroethane	<1.0		25.0	24.2		ug/L		97	38 - 150	3	23
Chloroform	<1.0		50.0	50.0		ug/L		100	10 - 150	4	18
Chloromethane	<1.0		25.0	22.0		ug/L		88	26 - 150	0	23
cis-1,2-Dichloroethene	<1.0		50.0	48.8		ug/L		98	10 - 150	3	20

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-74586-A-17 MSD  
Matrix: Water  
Analysis Batch: 179881

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
cis-1,3-Dichloropropene	<5.0		50.0	48.2		ug/L		96	52 - 130	4	20
Dibromochloromethane	<1.0		50.0	47.5		ug/L		95	50 - 130	6	21
Dibromomethane	<5.0		50.0	46.9		ug/L		94	69 - 123	7	18
Dichlorodifluoromethane	<1.0		25.0	22.0		ug/L		88	10 - 150	0	23
Ethanol	<100		1000	820		ug/L		82	10 - 150	12	52
Ethylbenzene	<1.0		50.0	50.8		ug/L		102	10 - 150	3	40
Ethylene Dibromide	<1.0		50.0	45.0		ug/L		90	70 - 125	6	21
Hexachlorobutadiene	<5.0		50.0	55.4		ug/L		111	10 - 150	1	92
Isopropylbenzene	<1.0		50.0	53.0		ug/L		106	10 - 150	3	46
Methyl tert-butyl ether	<1.0		50.0	43.4		ug/L		87	10 - 150	5	18
Methylene Chloride	<5.0		50.0	50.9		ug/L		102	10 - 150	1	18
m-Xylene & p-Xylene	<10		50.0	52.4		ug/L		105	10 - 150	4	43
Naphthalene	<1.0		50.0	37.0		ug/L		74	10 - 150	7	53
n-Butylbenzene	<1.0		50.0	50.1		ug/L		100	10 - 150	1	76
N-Propylbenzene	<1.0		50.0	51.3		ug/L		103	10 - 150	2	57
o-Xylene	<5.0		50.0	50.5		ug/L		101	10 - 150	4	39
sec-Butylbenzene	<1.0		50.0	51.8		ug/L		104	10 - 150	2	64
Styrene	<1.0		50.0	50.6		ug/L		101	24 - 147	5	40
tert-Butylbenzene	<1.0		50.0	51.3		ug/L		103	10 - 150	3	54
Tetrachloroethene	<1.0		50.0	49.9		ug/L		100	10 - 150	4	35
Toluene	<1.0		50.0	50.1		ug/L		100	10 - 150	3	26
trans-1,2-Dichloroethene	<1.0		50.0	51.3		ug/L		103	66 - 126	1	19
trans-1,3-Dichloropropene	<5.0		50.0	47.7		ug/L		95	45 - 128	7	20
Trichloroethene	<1.0		50.0	50.4		ug/L		101	10 - 150	4	22
Trichlorofluoromethane	<1.0		25.0	23.8		ug/L		95	29 - 144	2	20
Vinyl chloride	<1.0		25.0	24.8		ug/L		99	46 - 136	0	20
		<b>MSD</b>	<b>MSD</b>								
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
4-Bromofluorobenzene		95		78 - 118							
Dibromofluoromethane		102		81 - 121							
Toluene-d8 (Surr)		100		80 - 120							

### Method: 8015C - GRO by 8015C

Lab Sample ID: MB 400-179577/4  
Matrix: Water  
Analysis Batch: 179577

Client Sample ID: Method Blank  
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO) C6-C10	<100		100		ug/L			05/10/13 12:53	1
		<b>MB</b>	<b>MB</b>						
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene (fid)		110		78 - 119				05/10/13 12:53	1

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

### Method: 8015C - GRO by 8015C (Continued)

Lab Sample ID: LCS 400-179577/1000

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 179577

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) C6-C10	1000	1040		ug/L		104	75 - 119
<b>Surrogate</b>	<b>%Recovery</b>	<b>LCS Qualifier</b>	<b>Limits</b>				
a,a,a-Trifluorotoluene (fid)	109		78 - 119				

Lab Sample ID: 400-74628-D-1 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 179577

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) C6-C10	<100		1000	1340		ug/L		134	35 - 150
<b>Surrogate</b>	<b>%Recovery</b>	<b>MS Qualifier</b>	<b>Limits</b>						
a,a,a-Trifluorotoluene (fid)	111		78 - 119						

Lab Sample ID: 400-74628-D-1 MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 179577

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) C6-C10	<100		1000	1330		ug/L		133	35 - 150	1	15
<b>Surrogate</b>	<b>%Recovery</b>	<b>MSD Qualifier</b>	<b>Limits</b>								
a,a,a-Trifluorotoluene (fid)	111		78 - 119								

Lab Sample ID: MB 400-179582/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 179585

Prep Batch: 179582

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO) C6-C10	<5.0		5.0		mg/Kg		05/09/13 18:00	05/10/13 08:07	50	
<b>Surrogate</b>	<b>%Recovery</b>	<b>MB Qualifier</b>	<b>Limits</b>	<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>				
a,a,a-Trifluorotoluene (fid)	102		65 - 125	05/09/13 18:00	05/10/13 08:07	50				

Lab Sample ID: LCS 400-179582/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 179585

Prep Batch: 179582

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) C6-C10	50.0	52.1		mg/Kg		104	62 - 141

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

### Method: 8015C - GRO by 8015C (Continued)

Lab Sample ID: LCS 400-179582/2-A  
 Matrix: Solid  
 Analysis Batch: 179585

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 179582

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
a,a,a-Trifluorotoluene (fid)	104		65 - 125

Lab Sample ID: 400-74718-A-8-C MS  
 Matrix: Solid  
 Analysis Batch: 179585

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 179582

Analyte	Sample	Sample	Spike	MS MS		Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier		Result	Qualifier					
Gasoline Range Organics (GRO) C6--C10	<6.2		61.7	67.5		mg/Kg	U	103		10 - 150

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
a,a,a-Trifluorotoluene (fid)	102		65 - 125

Lab Sample ID: 400-74718-A-8-D MSD  
 Matrix: Solid  
 Analysis Batch: 179585

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 179582

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	%Rec	%Rec.	Limits	RPD	RPD	Limit
	Result	Qualifier		Result	Qualifier								
Gasoline Range Organics (GRO) C6--C10	<6.2		61.7	67.2		mg/Kg	U	102		10 - 150	1	32	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
a,a,a-Trifluorotoluene (fid)	102		65 - 125

### Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Lab Sample ID: MB 400-179370/14-A  
 Matrix: Solid  
 Analysis Batch: 179420

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 179370

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics [C10-C28]	<2.5		2.5		mg/Kg		05/08/13 11:51	05/09/13 00:56	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
o-Terphenyl (Surr)	93		30 - 118	05/08/13 11:51	05/09/13 00:56	1

Lab Sample ID: LCS 400-179370/13-A  
 Matrix: Solid  
 Analysis Batch: 179420

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 179370

Analyte	Spike	LCS LCS		Unit	D	%Rec	%Rec.	Limits
		Result	Qualifier					
Diesel Range Organics [C10-C28]	334	305		mg/Kg		91		61 - 136

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
o-Terphenyl (Surr)	85		30 - 118

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)  
 (Continued)



<b>Lab Sample ID: 400-74658-A-7-B MS</b>							<b>Client Sample ID: Matrix Spike</b>			
<b>Matrix: Solid</b>							<b>Prep Type: Total/NA</b>			
<b>Analysis Batch: 179420</b>							<b>Prep Batch: 179370</b>			
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
Diesel Range Organics [C10-C28]	43		486	409		mg/Kg	0	75	10 - 150	
Surrogate	%Recovery		MS Qualifier	MS Limits						
<i>o</i> -Terphenyl (Surr)	78			30 - 118						

<b>Lab Sample ID: 400-74658-A-7-C MSD</b>							<b>Client Sample ID: Matrix Spike Duplicate</b>					
<b>Matrix: Solid</b>							<b>Prep Type: Total/NA</b>					
<b>Analysis Batch: 179420</b>							<b>Prep Batch: 179370</b>					
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	RPD Limit
Diesel Range Organics [C10-C28]	43		481	489		mg/Kg	0	93	10 - 150		18	40
Surrogate	%Recovery		MSD Qualifier	MSD Limits								
<i>o</i> -Terphenyl (Surr)	96			30 - 118								

<b>Lab Sample ID: MB 400-179389/1-A</b>							<b>Client Sample ID: Method Blank</b>				
<b>Matrix: Water</b>							<b>Prep Type: Total/NA</b>				
<b>Analysis Batch: 179518</b>							<b>Prep Batch: 179389</b>				
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac		
Diesel Range Organics [C10-C28]	<130		130		ug/L		05/08/13 14:41	05/09/13 17:45	1		
Surrogate	%Recovery		MB Qualifier	MB Limits		Prepared	Analyzed	DII Fac			
<i>o</i> -Terphenyl (Surr)	99			49 - 134		05/08/13 14:41	05/09/13 17:45	1			

<b>Lab Sample ID: LCS 400-179389/2-A</b>							<b>Client Sample ID: Lab Control Sample</b>				
<b>Matrix: Water</b>							<b>Prep Type: Total/NA</b>				
<b>Analysis Batch: 179518</b>							<b>Prep Batch: 179389</b>				
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits				
Diesel Range Organics [C10-C28]	10000	9650		ug/L		96	63 - 138				
Surrogate	%Recovery		LCS Qualifier	LCS Limits							
<i>o</i> -Terphenyl (Surr)	92			49 - 134							

<b>Lab Sample ID: LCSD 400-179389/3-A</b>							<b>Client Sample ID: Lab Control Sample Dup</b>				
<b>Matrix: Water</b>							<b>Prep Type: Total/NA</b>				
<b>Analysis Batch: 179518</b>							<b>Prep Batch: 179389</b>				
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	RPD Limit	
Diesel Range Organics [C10-C28]	10000	9640		ug/L		96	63 - 138		0	30	

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# QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74658-1

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)  
(Continued)

Lab Sample ID: LCSD 400-179389/3-A  
Matrix: Water  
Analysis Batch: 179518

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 179389

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	69		49 - 134



## Lab Chronicle

Client: McCallum Testing Laboratories, Inc  
Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

Client Sample ID: B-1 (6-8')

Lab Sample ID: 400-74659-1

Date Collected: 05/07/13 00:00

Matrix: Solid

Date Received: 05/08/13 08:36

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.62 g	5.0 g	179582	05/10/13 15:00	GK	TAL PEN
Total/NA	Analysis	8015C		500			179585	05/13/13 13:29	GK	TAL PEN
Total/NA	Prep	3550C			30.39 g	5.0 mL	179370	05/08/13 11:51	RT	TAL PEN
Total/NA	Analysis	8015C		1			179420	05/09/13 03:03	MB	TAL PEN
Total/NA	Analysis	Moisture		1			179715	05/13/13 10:46	LEC	TAL PEN

Client Sample ID: B-1

Lab Sample ID: 400-74659-2

Date Collected: 05/07/13 00:00

Matrix: Water

Date Received: 05/08/13 08:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	5 mL	5 mL	179881	05/15/13 19:35	ES	TAL PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	179577	05/11/13 02:49	AF	TAL PEN
Total/NA	Prep	3520C			1050 mL	5.0 mL	179389	05/08/13 14:41	KH	TAL PEN
Total/NA	Analysis	8015C		1			179518	05/09/13 21:15	MB	TAL PEN

Client Sample ID: B-2 (6-8')

Lab Sample ID: 400-74659-3

Date Collected: 05/07/13 00:00

Matrix: Solid

Date Received: 05/08/13 08:36

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.43 g	5.0 g	179582	05/10/13 15:00	GK	TAL PEN
Total/NA	Analysis	8015C		250			179585	05/13/13 13:56	GK	TAL PEN
Total/NA	Prep	3550C			30.03 g	5.0 mL	179370	05/08/13 11:51	RT	TAL PEN
Total/NA	Analysis	8015C		1			179420	05/09/13 03:13	MB	TAL PEN
Total/NA	Analysis	Moisture		1			179715	05/13/13 10:46	LEC	TAL PEN

Client Sample ID: B-2

Lab Sample ID: 400-74659-4

Date Collected: 05/07/13 00:00

Matrix: Water

Date Received: 05/08/13 08:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	5 mL	5 mL	179881	05/15/13 19:07	ES	TAL PEN
Total/NA	Analysis	8015C		50	5 mL	5 mL	179577	05/11/13 03:20	AF	TAL PEN
Total/NA	Prep	3520C			1050 mL	5.0 mL	179389	05/08/13 14:41	KH	TAL PEN
Total/NA	Analysis	8015C		1			179518	05/09/13 21:25	MB	TAL PEN

**Laboratory References:**

TAL PEN = TestAmerica Pensacola, 3355 McLernore Drive, Pensacola, FL 32514, TEL (850)474-1001

TestAmerica Pensacola

## Certification Summary

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

### Laboratory: TestAmerica Pensacola

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40150	06-30-13
Arizona	State Program	9	AZ0710	01-11-14
Arkansas DEQ	State Program	6	88-0689	09-01-13
Florida	NELAP	4	E81010	06-30-13
Georgia	State Program	4	N/A	06-30-13
Illinois	NELAP	5	200041	10-09-13
Iowa	State Program	7	367	08-01-14
Kansas	NELAP	7	E-10253	10-31-13
Kentucky (UST)	State Program	4	53	07-05-13
Louisiana	NELAP	6	30376	06-30-13
Maryland	State Program	3	233	09-30-13
Massachusetts	State Program	1	M-FL094	06-30-13
Michigan	State Program	5	9912	06-30-13
New Hampshire	NELAP	1	2505	08-16-13
New Jersey	NELAP	2	FL006	06-30-13
North Carolina DENR	State Program	4	314	12-31-13
Oklahoma	State Program	6	9810	08-31-13
Pennsylvania	NELAP	3	68-00467	01-31-14
Rhode Island	State Program	1	LAC00307	12-31-13
South Carolina	State Program	4	96026	06-30-13
Tennessee	State Program	4	TN02907	06-30-13
Texas	NELAP	6	T104704286-12-5	09-30-13
USDA	Federal		F330-10-00407	12-10-13
Virginia	NELAP	3	460186	06-14-13
West Virginia DEP	State Program	3	136	06-30-13

TestAmerica Pensacola

## Method Summary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Pure Station 13-1330

TestAmerica Job ID: 400-74659-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN
8016C	GRO by 8016C	SW846	TAL PEN
8015C	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	SW846	TAL PEN
Moisture	Percent Moisture	EPA	TAL PEN

**Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

**Chain of Custody Record**

*Paradise*

*DDQ* *WST*

laboratory location:  DW  NPDES  RCRA  Other

400-74659 COL

Client Contact Company Name: <b>McCaum</b> Address: <b>1808 HAYWARD AVE</b> City/State: <b>Chesapeake, VA</b> Phone: <b>(757) 420-2520</b> Project Name: <b>PURE STATION</b> Project Number: <b>13-1330</b> P O B		Site Contact Name: <b>M. Smith</b> Telephone: _____ Email: <b>Martin@McCaumTesting.com</b> Method of Shipment/Carrier: _____ Shipping/Tracking No: _____		Lab Contact Name: _____ Telephone: _____ Address: _____ City/State: _____ Project Name: _____ Project Number: _____ P O B: _____		TestAmerica Laboratories, Inc. COC No: <b>1</b> of <b>1</b> COCs	
Sample Identification <b>B-1 (6-8')</b> <b>B-1</b> <b>B-2 (6-8')</b> <b>B-2</b>		Sample Date <b>5/7/13</b>		Sample Time _____		Analytes <b>VOC's</b> <b>TPH GPO</b> <b>TPH DPO</b> <b>ETHANOL</b>	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Volatile <input type="checkbox"/> Toxic <input type="checkbox"/> Other		Sample Disposal (A few may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input type="checkbox"/> Dispose by Lab <input type="checkbox"/> Archive For _____ Months		TAT (different from below) <input type="checkbox"/> 3 weeks <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input checked="" type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Sample Specific Notes / Special Instructions _____	
Requisitioned by: <i>[Signature]</i> Date/TIME: <b>5/7/13 13:00</b> Company: <b>McCaum</b>		Received by: <i>[Signature]</i> Date/TIME: <b>5/7/13 13:10</b> Company: <b>TA</b>		Requisitioned by: <i>[Signature]</i> Date/TIME: <b>5/7/13 13:00</b> Company: <b>McCaum</b>		Received by: <i>[Signature]</i> Date/TIME: <b>5/7/13 13:10</b> Company: <b>TA</b>	
Requisitioned by: <i>[Signature]</i> Date/TIME: <b>5/7/13 13:00</b> Company: <b>McCaum</b>		Received by: <i>[Signature]</i> Date/TIME: <b>5/7/13 13:10</b> Company: <b>TA</b>		Requisitioned by: <i>[Signature]</i> Date/TIME: <b>5/7/13 13:00</b> Company: <b>McCaum</b>		Received by: <i>[Signature]</i> Date/TIME: <b>5/7/13 13:10</b> Company: <b>TA</b>	

## Login Sample Receipt Checklist

Client: McCallum Testing Laboratories, Inc

Job Number: 400-74859-1

Login Number: 74659

List Source: TestAmerica Pensacola

List Number: 1

Creator: Serratore, Marla

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.5°C., IR-5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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# McCALLUM

## TESTING LABORATORIES, INC.

*Geotechnical Engineering, Materials Testing & Environmental Services*

September 17, 2013

Aylin Inc.  
2664 Route 112  
Medford, NY 11763

Attention: Ezgi Kiriscioglu

Subject: Site Characterization Report  
Holland Food Mart  
5703 Holland Road  
Suffolk, Virginia  
DEQ PC# 2013-5074  
MTL Project #13-1331 / 13-14870

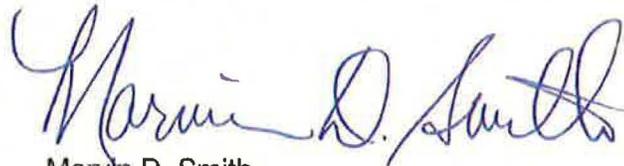
Dear Ms. Kiriscioglu:

**McCallum Testing Laboratories, Inc.** is pleased to present this Site Characterization Report of the subject property prepared in general conformance with the Department of Environmental Quality (DEQ) Petroleum Program Manual, effective May 10, 2011.

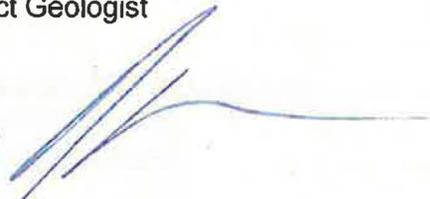
Should you have any questions regarding this report, please contact our office at your convenience.

Sincerely,

**McCALLUM TESTING LABORATORIES, INC.**



Marvin D. Smith  
Project Geologist



Richard Seage, P.G.  
Manager, Environmental Services

Copy: Lynne E. Smith - DEQ

CX 40

# *McCALLUM*

**TESTING LABORATORIES, INC.**

*Geotechnical Engineering, Materials Testing & Environmental Services*

**SITE CHARACTERIZATION REPORT  
HOLLAND ROAD PURE STATION  
5703 HOLLAND ROAD  
SUFFOLK, VIRGINIA  
DEQ PC# 2013-5074  
MTL PROJECT #13-1331 / 13-14870**

**Prepared for:**

**EZGI KIRISCIOGLU  
AYLIL, INC.  
2664 ROUTE 112  
MEDFORD, NY 11763**

**Prepared by:**

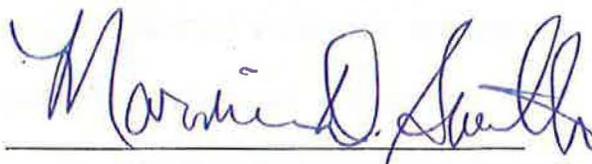
**McCALLUM TESTING LABORATORIES, INC.  
1808 HAYWARD AVENUE  
CHESAPEAKE, VA 23325**

**SIGNATURE/CERTIFICATION SHEET**

I certify that I have prepared or supervised preparation of the attached report, that it has been prepared in accordance with industry standards and practices, and that the information contained herein is truthful and accurate to the best of my knowledge.

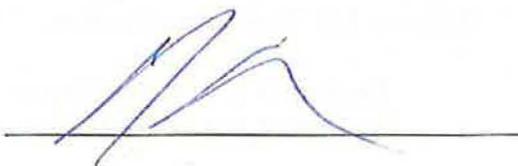
Prepared by:

Marvin Smith  
Project Geologist



A handwritten signature in blue ink, appearing to read "Marvin D. Smith", written over a horizontal line.

Richard Seage, P.G.  
Manager, Environmental Services  
VA Professional Certification: CPG #466



A handwritten signature in blue ink, appearing to read "Richard Seage", written over a horizontal line.

McCallum Testing Laboratories, Inc.  
1808 Hayward Avenue  
Chesapeake, Virginia 23320

UST Owner/ Operator:  
Aylin, Inc.  
2664 Route 112  
Medford, NY 11763

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**SITE CHARACTERIZATION REPORT  
HOLLAND ROAD PURE  
5703 HOLLAND ROAD  
SUFFOLK, VIRGINIA**

**Section 1.0 PROJECT HISTORY**

On December 18, 2012, AECOM drilled two soil borings as part of a Phase II Environmental Site Assessment along Holland Road within the utility easement fronting Holland Road Pure Station, to measure for the presence of petroleum hydrocarbon contamination associated with the operation of this site as a gasoline station. This investigation was to help determine if such contamination posed a potential environmental impact to the construction and installation of a water transmission main along Holland Road.

Two soil borings (HR-20 and HR-21) were drilled along the south side of Holland Road near the northeast corner and northwest corner of the site to a depth of 10 feet. The Site Drawing (Figure 2 Appendix A) shows the locations of the borings. The soils in boring HR-20 exhibited no evidence of petroleum contamination (odor, staining, etc.). However, the soils in boring HR-21 exhibited petroleum odor from a depth of 4 to 10 feet.

A soil sample was collected from each boring and submitted to an analytical laboratory for Gasoline Range Organic (GRO) Total Petroleum Hydrocarbon (TPH), Benzene, Toluene, Ethylbenzene, Xylene (BTEX) and Methyl Tert-Butyl Ether (MTBE) analyses. The laboratory results are presented in the table below.

<b>Laboratory Results</b>		
<b>Analyte</b>	<b>HR-20 (2-4')</b>	<b>HR-21 (4-6')</b>
<b>GRO-TPH</b>	BDL	81.0
<b>Benzene</b>	BDL	0.10
<b>Toluene</b>	BDL	BDL
<b>Ethylbenzene</b>	BDL	0.65
<b>Total Xylenes</b>	BDL	2.2
<b>MTBE</b>	BDL	BDL
<b>mg/kg – Equivalent to parts per million (ppm)</b>		

Based on the laboratory results, the DEQ issued Pollution Complaint PC #2013-5074 and requested that Tank Tightness Tests and Line Tightness Tests be conducted along with a Release Investigation to help determine if a significant release has occurred at the site.

## Section 1.1 Release Investigation

On February 7, 2013, tank tightness tests and line tightness tests were conducted at the site. The results indicated that the tanks, lines and leak detectors were all tight. The test results are presented in Appendix E.

On May 7, 2013, McCallum drilled two (2) 12 foot deep soil borings (B-1 and B-2), to measure for the presence of petroleum contamination. Figure 2 shows the locations of the borings. Boring B-1 was drilled between the existing product lines and AECOM's boring location HR-21 and boring B-2 was drilled between the existing UST tank field and HR-21. The Site Drawing (Figure 2) shows the locations of the borings.

The soils from each boring were examined for evidence of petroleum contamination such as odor, staining, free product, etc. The samples were scanned for volatile organic vapors using a Photoionization Detector (PID). The PID scans yielded moderate volatile organic vapors. The PID scan responses are presented in the table below.

PID Scan Responses		
Depth (ft)	B-1	B-2
0-2	123	53
2-4	203	23
4-6	264	103
6-8	<b>273</b>	<b>226</b>
8-10	321	249
10-12	No Scan	223

PID responses are 100 ppm Isobutylene equivalent  
**Bold – Samples submitted to laboratory**

The soil sample at the soil/groundwater interface (6-8') from each boring was submitted to the laboratory for Gasoline and Diesel Range Organics (GRO/DRO) Total Petroleum Hydrocarbons (TPH) analysis, using EPA Test Method 8015. The TPH results are presented in the following table.

Laboratory Results			
Soil (mg/kg)			
Sample	Depth (ft.)	TPH Concentration	
		GRO	DRO
B-1	(6-8')	1200	320
B-2	(6-8')	540	92

mg/kg – Equivalent to parts per million (ppm)  
 BDL – Below detection limit \* No analysis

A groundwater sample was collected from each boring and analyzed for GRO-TPH, DRO-TPH and volatile organic compounds (VOC's) including Ethanol. The laboratory results are presented in the following table.

Laboratory Results Groundwater (mg/L)		
Analyte	B-1	B-2
TPH-GRO	41.0	13.0
TPH-DRO	10.0	9.20
MTBE	BDL	0.150
Benzene	0.360	0.017
Toluene	2.80	0.028
Ethylbenzene	1.30	0.220
Xylenes (m,p,o)	5.10	0.258
Ethanol	BDL	BDL
Naphthalene	0.440	0.110
1,2,4-Trimethylbenzene	1.60	0.430
1,3,5-Trimethylbenzene	0.530	0.170
Isopropylbenzene	0.110	0.047
n-Butylbenzene	0.076	0.023
N-Propylbenzene	0.210	0.056
p-Cymene	0.028	0.018
mg/L – Equivalent to parts per million (ppm) BDL – Below detection limit		

The results of the Release Investigation confirmed that a significant release had occurred at the site. Based on these results, the DEQ requested that a Site Characterization Investigation (SCR) be conducted to help determine the extent of the petroleum contamination and if the contamination posed a significant environmental or health risk.

## Section 2.0 SITE ASSESSMENT

### Section 2.1 Local Geology and Aquifer Characteristics

The surficial geologic unit of subject property is shown on the Geologic Map of Virginia, published 1993 by the Virginia Division of Mineral Resources, as the upper Pleistocene / lower Pliocene deposits of the Windsor Formation. The Windsor Formation consists of gray and yellowish to reddish brown sand, gravel silt and clay. The unit is up to 40 feet thick. The estimated depth to consolidated bedrock, as shown on the generalized cross-section accompanying the Geologic Map of Virginia, is approximately 1500 feet.

The surficial hydrogeologic unit of the area (the water table) is the Columbia Aquifer as stated in the Hydrogeologic Framework of the Virginia Coastal Plain by Meng and Harsh, published 1988. The Columbia is shown to be approximately 50 feet thick in this portion of Nansemond County and is underlain by approximately 40 feet thick Yorktown confining layer. The top of the Yorktown-Eastover Aquifer is indicated as approximately 90 feet below the ground surface in this part of Nansemond County (Meng and Harsh, 1988).

The measured depth to the top of the water table on-site ranged from 4.16 feet to 5.25 feet below ground surface in the groundwater wells. However, the depth to the water table in the borings at the time of drilling was approximately 12 feet below ground surface.

## Section 2.2 Soil Investigation

On July 29, 2013, McCallum drilled five (5) borings (MW-1 through MW-5) at various locations to help determine the extent of the petroleum contamination detected in the soil during the previous Release Investigation. The borings were 17 feet deep and drilled with a CME-55 truck mounted drill rig with continuous flight hollow stem augers.

Boring MW-1 was drilled between AECOM boring HR-21 and McCallum's Release Investigation boring B-2. Boring MW-2 was drilled near the east end of the north pump island. Boring MW-3 was drilled approximately 30 feet north of the on-site drinking water well. Boring MW-4 was drilled near the south side of the existing UST tank field and boring MW-5 was drilled near the northeast corner of the UST tank field and south of boring B-2. The boring locations are presented on the Site Drawing (Figure 2).

Soil samples were collected at two-foot intervals from the surface, to the bottom of each boring with stainless steel split spoon samplers, which were cleaned with an Alconox solution between samples to prevent cross contamination. Groundwater was encountered at a depth of 12 feet below ground level (bgl) at the time of drilling.

### Section 2.2.1 Vapor Phase

The soil samples were scanned for volatile organic vapors using a Photoionization Detector (PID), calibrated using 100 parts per million isobutylene standard. This instrument is designed to detect ionizable volatile organic compounds (VOC) vapors, including petroleum. The PID scan results are presented in the table below including those from the Release Investigation and are included on the boring logs in Appendix B.

PID Scan Responses (ppm)							
Depth (ft)	MW-1	MW-2	MW-3	MW-4	MW-5	B-1	B-2
0-2	2452	1425	55	133	7	123	53
2-4	1816	873	22	22	7	203	23
4-6	<b>2160</b>	<b>840</b>	420	<b>572</b>	14	264	103
6-8	2179	925	<b>832</b>	352	<b>255</b>	<b>273</b>	<b>226</b>
8-10	237	99	270	33	11	321	249
10-12	66	159	174	55	7	No Recovery	223
12-14	No Recovery	62	137	18	7	No Sample	No Sample
14-16	37	33	88	14	7	No Sample	No Sample

**Bold – Samples submitted to laboratory**

The PID scan responses for the 2-4', 4-6' and 6-8' intervals were mapped to show the approximate extents of the vapor phase plumes and are presented as Vapor Isoconcentration Maps (Figures 3, 4 and 5). Each of the maps shows moderate to high vapor concentrations which extend along the product lines and toward boring MW-1.

### Section 2.2.2 Residual Phase

A soil sample from each boring was collected and submitted to TestAmerica Laboratories for Gasoline and Diesel Range Organics (GRO/DRO) Total Petroleum Hydrocarbon (TPH) analysis using EPA Test Method 8015. The laboratory results including those from the Release Investigation are presented in the table below. The Analytical Report and Chain of Custody Forms are included in Appendix C.

LABORATORY RESULTS SOIL (mg/kg)				
SAMPLE	DEPTH (ft.)	PID (ppm)	TPH – GRO	TPH – DRO
B-1	6-8'	273	1200	320
B-2	6-8'	226	540	92
MW-1	4-6'	2160	590	81
MW-2	4-6'	840	1100	180
MW-3	6-8'	832	400	72
MW-4	4-6'	572	220	37
MW-5	6-8'	255	120	27

BDL – Below detection limit  
 mg/kg – Equivalent to parts per million (ppm)  
 \* No analysis

The TPH concentrations in the soil were mapped to show the approximate extent of the residual phase contamination. The TPH-GRO and DRO Isoconcentration Maps for soil are presented as Figures 6 and 7 and show the highest TPH concentration in an isolated "hot spot" in the area of the product lines; however, the TPH concentrations do not reflect gasoline saturation ( $\geq 8,300$  ppm) or diesel saturation ( $\geq 11,000$  ppm).

### Section 2.3 Groundwater Investigation

#### Section 2.3.1 Monitor Well Installation

Five (5) groundwater monitoring wells (MW-1 through MW-5) were installed to help determine the condition of the groundwater beneath the site and if needed, free product recovery. These Type II wells were 17 ft. deep, 2 inch diameter and were installed in general accordance with the U.S. EPA's RCRA Groundwater Monitoring Technical Enforcement Guidance Document (TEGD) Office of Solid Waste and Emergency Response (OSWER-9950.1) September 1986. The monitoring well construction details are shown on the boring logs in Appendix B.

### Section 2.3.2 Well Elevation Survey

On August 22, 2013 a survey was performed to determine the relative elevations of the monitoring wells, which were measured relative to an arbitrary, assumed benchmark of +10.00 feet. Prior to surveying the monitoring wells, groundwater depth measurements were taken and the monitoring wells were checked for free product. No free product was detected in any of the monitoring wells. A summary of the data obtained is shown in the following table.

GROUNDWATER ELEVATION DATA 8-22-13				
Well	Elevation Top of Casing (ft.)	Depth to Groundwater (ft.)	Groundwater Elevation (ft.)	Free Product Thickness (in.)
MW-1	9.04	4.23	4.81	0.0
MW-2	9.45	4.51	4.94	0.0
MW-3	9.24	4.43	4.81	0.0
MW-4	9.39	5.25	4.14	0.0
MW-5	9.32	4.16	5.16	0.0

Elevations are relative to an arbitrary benchmark of +10.00 ft.

The groundwater elevations were mapped to produce the Groundwater Flow Diagrams presented as Figures 8 and 9 in Appendix A. Based on the groundwater elevations, the apparent direction of groundwater flow is generally to the south (SSE and SSW) toward Quaker Swamp.

### Section 2.3.3 Groundwater Contamination

A groundwater sample was collected from each of the monitoring wells for laboratory analyses. The monitoring wells were purged prior to sampling to allow representative formation water to enter. The groundwater samples were put in clean, 40 milliliter glass vials and 1 liter amber bottles with Teflon lids, labeled, and preserved on ice for transport to TestAmerica Laboratories for GRO and DRO-TPH; Benzene, Toluene, Ethylbenzene, Xylene (BTEX), Methyl Tert-Butyl Ether (MTBE) and Naphthalene analyses. The groundwater analyses results are presented in the following table. The Analytical Report and Chain of Custody Forms are included in Appendix C.

Laboratory Results -Groundwater (mg/L)					
Analyte	MW-1	MW-2	MW-3	MW-4	MW-5
TPH-GRO	42	32	8.70	26	4
TPH-DRO	9.40	6	2.80	11	2.20
BENZENE	0.160	0.540	0.025	0.860	0.026
ETHYLBENZENE	1.50	1.5	0.250	2.30	0.078
TOLUENE	0.190	0.200	BDL	0.130	BDL
XYLENE	5.10	3.40	0.570	3.20	0.120
MTBE	0.270	0.099	BDL	0.940	0.097
NAPHTHALENE	0.410	0.600	0.200	1.10	0.090

BDL - Below detection limit  
mg/L- Equivalent to parts per million (ppm)

Dissolved phase plume maps for TPH-GRO, DRO, Benzene, MTBE, Naphthalene and Total BTEX were generated based on the dissolved concentrations and are presented as Figures 10 through 15 in Appendix A. The maps show broad phase plumes migrating to the south; however there appears to be no significant off-site migration.

A water supply well is located on site; however, there was no information available as to its total depth. As part of the SCR, a sample of the drinking water from this well was collected and submitted to the laboratory for Volatile and Semi-Volatile Organic Compounds (VOC's, SVOC's) analyses using EPA Test Methods 8260, 8270 and 8011. Laboratory analyses detected no VOC's or SVOC's in the drinking water samples. The Analytical Report is included in Appendix C.

### Section 2.3.4 Groundwater Flow

The hydraulic gradient was determined graphically from Figure 8 to be approximately 0.010 feet per foot and flowing generally to the south.

The hydraulic conductivity was determined using the Hvorslev Slug Test method, in which a volume of water (slug) was removed from well MW-4, and the change in water level was measured at timed intervals. The data from the slug test is shown in Appendix D. The time for the water level to rise to 37 percent of the initial change ( $T_o$ ) was determined from this data to be approximately 375 seconds.

The following formula is applied:

$$K = \frac{r^2 \ln(L/R)}{2 L T_o}$$

Where:

- K = hydraulic conductivity
- r = radius of the well casing = 0.083 ft
- R = radius of well screen = 0.083 ft
- L = saturated length of well screen = 11.75 ft
- $T_o$  = time it takes for water level to rise to 37 percent of initial change, which is approximately = 375 seconds (from graph)

Therefore:

$$K = 3.86 \times 10^{-6} \text{ ft/sec} = 0.334 \text{ ft/day}$$

The groundwater flow velocity was calculated using the following equation:

$$\text{Velocity (ft/day)} = \frac{K(h_1 - h_2)}{nL}$$

Where:

- K = hydraulic conductivity: 0.334 feet/day
- $(h_1 - h_2)$  = groundwater elevation:  $h_1 = 4.75$  ft  
 $h_2 = 4.25$  ft
- n = effective porosity: 0.30 (30%, estimated based on soil type)
- L = distance 48 ft.

The resulting velocity was 0.0116 feet per day or 4.23 feet per year. The aquifer parameters are summarized on the following table.

AQUIFER PARAMETERS	
Parameter	Value
Groundwater Flow Direction	Generally South
Hydraulic Gradient	0.010 ft./ft.
Hydraulic Conductivity	0.334 ft./dy.
Flow Velocity	4.23 ft./yr.
Aquifer Thickness	50 ft.

### Section 3.0 RISK ASSESSMENT

#### Section 3.1 Exposure Routes

A survey was conducted to identify receptors with the potential of being impacted by the contamination from the subject property. The soil and groundwater isoconcentration maps show the contaminant plumes extending on-site to the south, with little to no significant off-site impact to the north.

During SCR field operations, the scheduled installation of the new underground utilities along Holland Road was in progress. Minor petroleum odor was encountered in the soils during excavation of the utility trench fronting the site along Holland Road. The field supervisor for the utility contractor notified the City of Suffolk Inspector who indicated that the vapor encounter was anticipated.

The site is serviced by a water supply well as noted in Section 2.3.3. North of the site across Holland Road is heavily wooded, undeveloped property. South of the site is open farmland; east of the site across Pioneer Road is the new construction of Suffolk Elementary School and west of the site is a single residence and open farmland.

A new water supply well was installed on the new school construction site approximately 1,200 feet west of the site. Single family residential development is located approximately 1,500 feet south southeast and 1,000 feet east northeast of the site.

Based on the laboratory results of the on-site drinking water, there is no impact to the on-site water supply well and based on the location and distances of the surrounding residential properties, there is a low risk of impact by the petroleum contaminated groundwater.

There has been off-site impact along Holland Road by the petroleum contaminated soil. However, no petroleum saturated soil has been detected either on or off site.

#### **Section 4.0            REMEDIATION ASSESSMENT**

Our risk assessment identified a low health and environmental risk from the impacted groundwater. However, the soils along Holland Road were impacted and were encountered during new utility installation. Although the impact was anticipated by the City of Suffolk, the potential for future vapor impact is possible. The following section describes the most feasible methods of remediation for this site.

#### **Section 4.1            Passive Remediation**

Passive remediation involves taking no deliberate action for soil cleanup at a site, but relies on natural processes to assist or accomplish site remediation. Natural mechanisms that may accompany in-situ passive remediation include biodegradation, adsorption, and volatilization.

The essential nutrients required for biodegradation are usually naturally present in the subsurface. When the geologic materials at a site are relatively porous and permeable, oxygen is naturally replenished through the soil and groundwater.

The recommended soil permeability is at least  $10^{-8}$  cm<sup>2</sup>. The soil oxygen levels should be at least 2% and dissolved oxygen in groundwater should be at least 1 mg/L. The soil should have a pH between 6 and 8, and the soil moisture content should range between 40 and 85%. The soil nutrient concentration should be as large as possible, and it is generally greatest when the C:N:P ratio is about 100:10:1.

A temperate climate with moderate rainfall is also necessary for passive remediation to be effective. The annual precipitation of the area should be between 10 and 60 inches per year, and the average ambient temperature should range between 5° and 45° Celsius.

The potential for natural attenuation is also dependent upon the type of contaminant present. The higher the solubility, the greater the dispersion and migration in the soil. When the vapor pressure and the Henry's Law Constant of the contaminant are high and the boiling point is low, the more likely the contaminant will volatilize. Thus the BTEX constituents of gasoline will volatilize and be more mobile, while heavier constituents will not.

However, provided there is no risk of exposure for a long period of time, natural attenuation is an acceptable alternative for heavier contaminants as well. Passive remediation by natural attenuation is feasible for sites which have no on-going release of contamination, no free product or petroleum saturated soils, and the risk assessment reveals no off-site impact or potential significant impact to receptors. Since tightness tests indicate that there is no on-going source at this site, no free product is present, no petroleum saturated soil is present and only a low potential for impact from the dissolved phase, passive remediation is recommended.

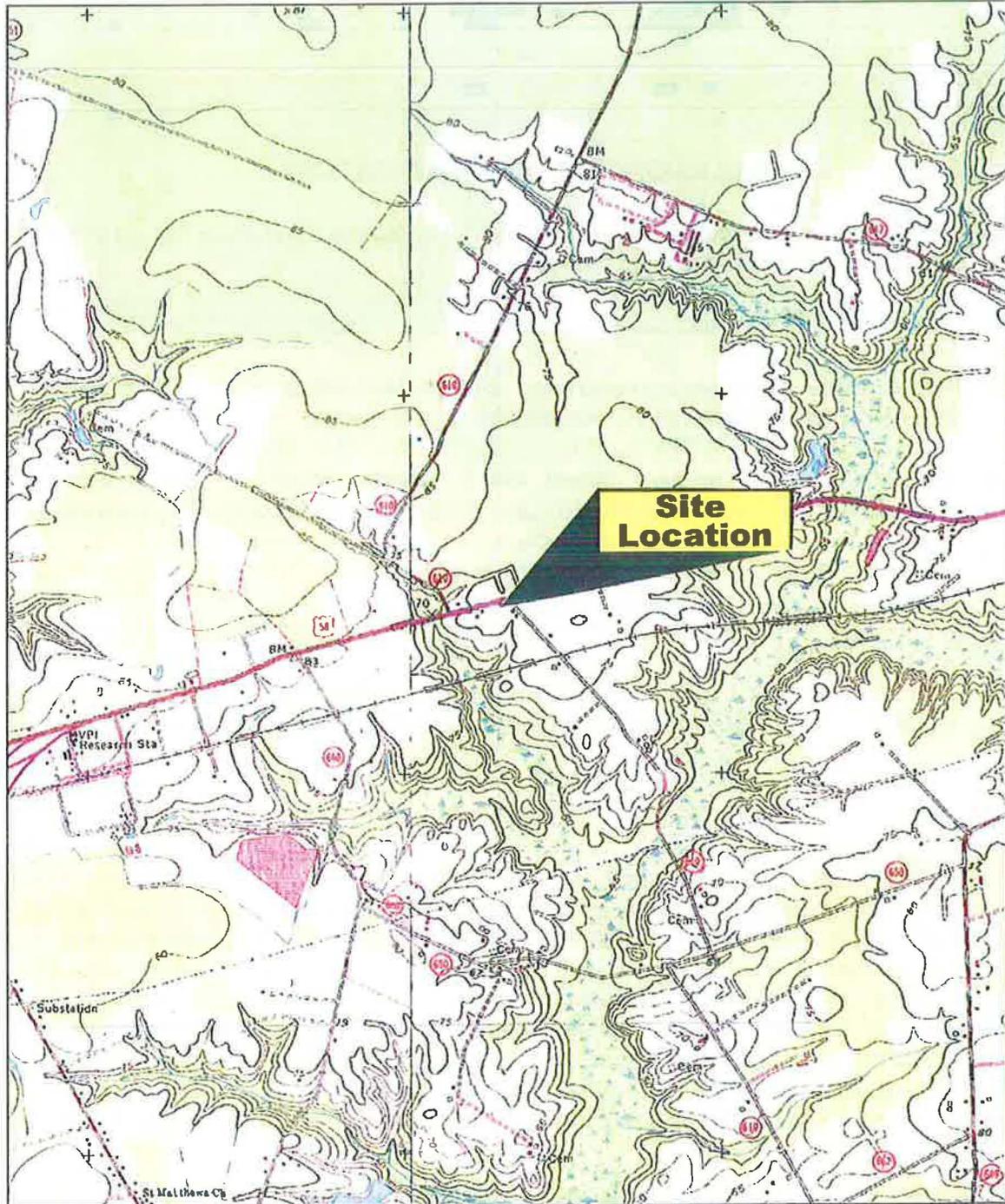
## **Section 5.0 CONCLUSIONS AND RECOMMENDATIONS**

McCallum has completed the SCR Investigation of the Holland Road Pure Station located at 5703 Holland Road and has noted the following:

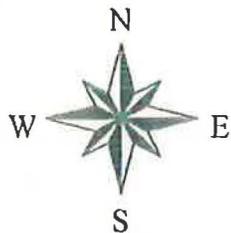
- Petroleum contaminated soil and groundwater is present beneath the site.
- Although the petroleum contaminated soil does not reflect petroleum saturation, it does act as a source for the contaminated groundwater.
- There has been off-site impact along Holland Road by the petroleum contaminated soil and exposure to construction personnel conducting excavation operations in the right-of-way immediately adjacent to the site.
- There have been no reported off-site impacts by the petroleum contaminated groundwater and the on-site water supply well has not been impacted.
- The soil that was excavated during new utility installation along Holland Road was hauled to SPSA, according to the City of Suffolk Engineering Inspector.

## **Section 6.0 LIMITATIONS**

Our conclusions and recommendations are limited by the scope of our services and express our professional opinion based on information available to us at the time of the investigation. It is important to note that the soil and groundwater samples analyzed in this investigation are considered as isolated data points which may not be representative of subsurface conditions across the entire site. Therefore, the conclusions of this investigation may not be completely indicative of all subsurface conditions. The conclusions are based on the scope of work described herein and the best available data at this time. No other warranty is expressed or implied. This report does not warrant against future operations or present conditions not discovered by this investigation.



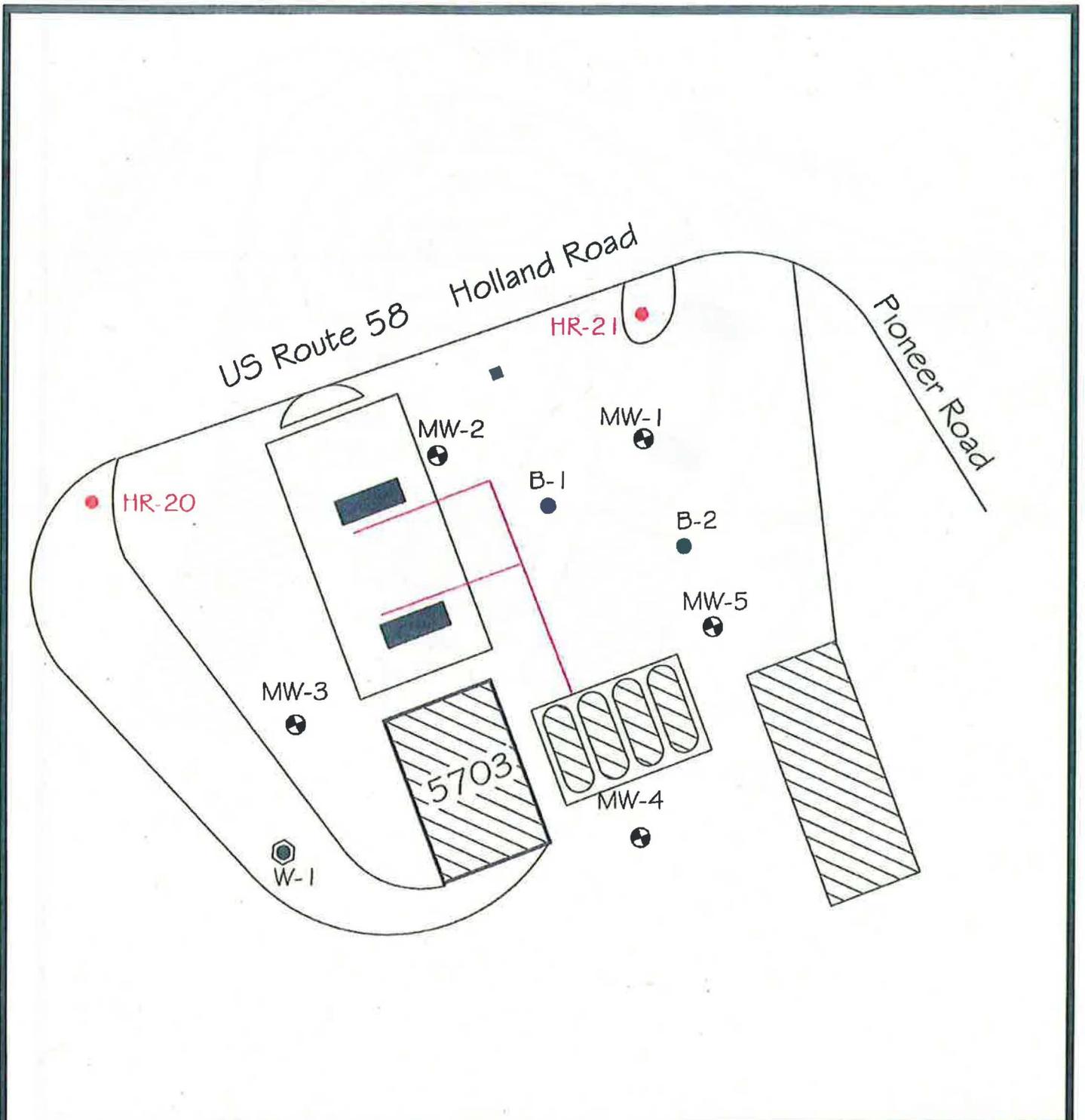
3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS 1:50 ft Scale: 1 : 24,000 Detail: 13-0 Datum: WGS84



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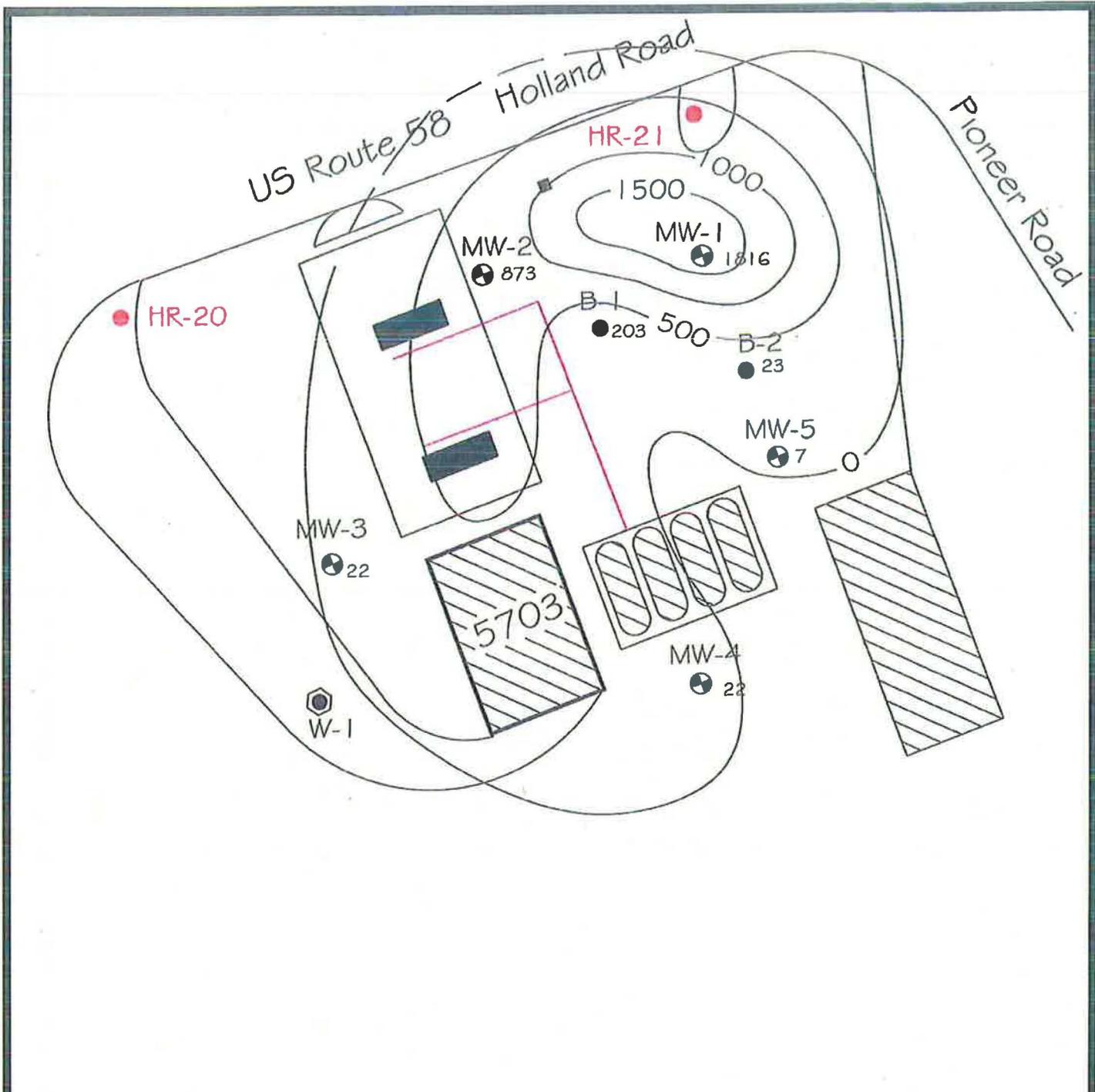
Scale:	1:24,000	Approved By:	Richard J. Seage, P.G.	Date:	9/13
Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074				
Drawing Title:	Site Location Map			Drawing Number:	Figure 1



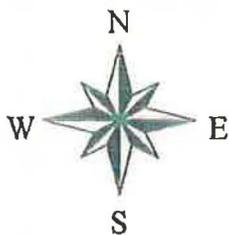
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 Chesapeake, Virginia 23325-0337

Scale:	1" ~ 30'	Approved By:	Richard J. Seage, P.G.	Date:	9/13
Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074				
Drawing Title:	Site Drawing			Drawing Number:	Figure 2



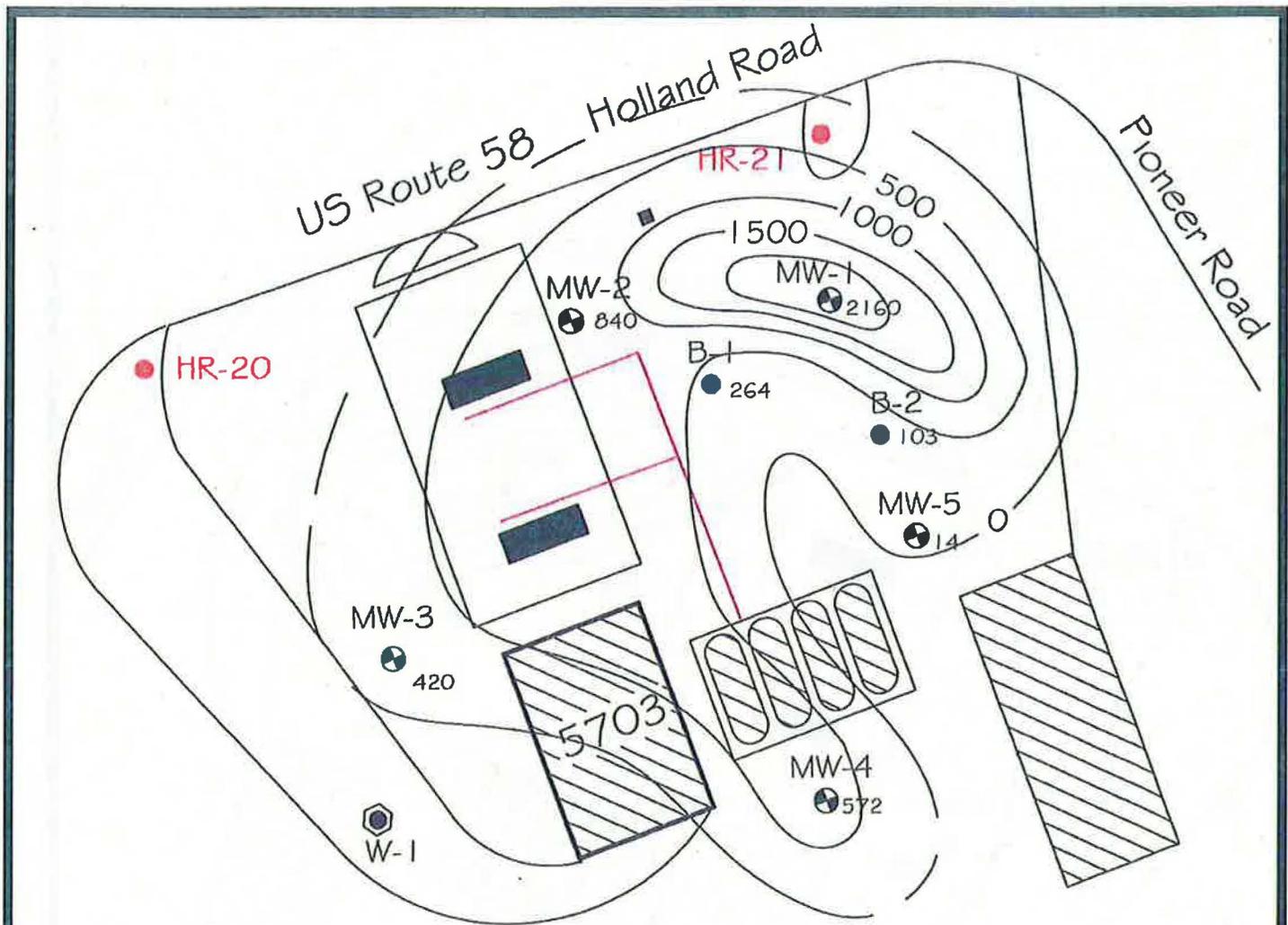
C.I.: 500 ppm



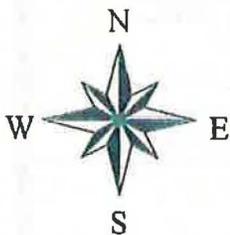
**McCALLUM TESTING LABORATORIES, INC.**

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Chesapeake, Virginia 23325-0337

Scale:	1" ~ 30'	Approved By:	Richard J. Seage, P.G.	Date:	9/13
Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074				
Drawing Title:	Vapor Isoconcentration Map (2-4')			Drawing Number:	Figure 3



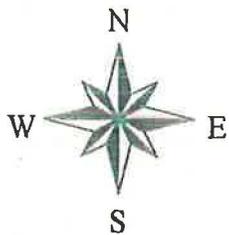
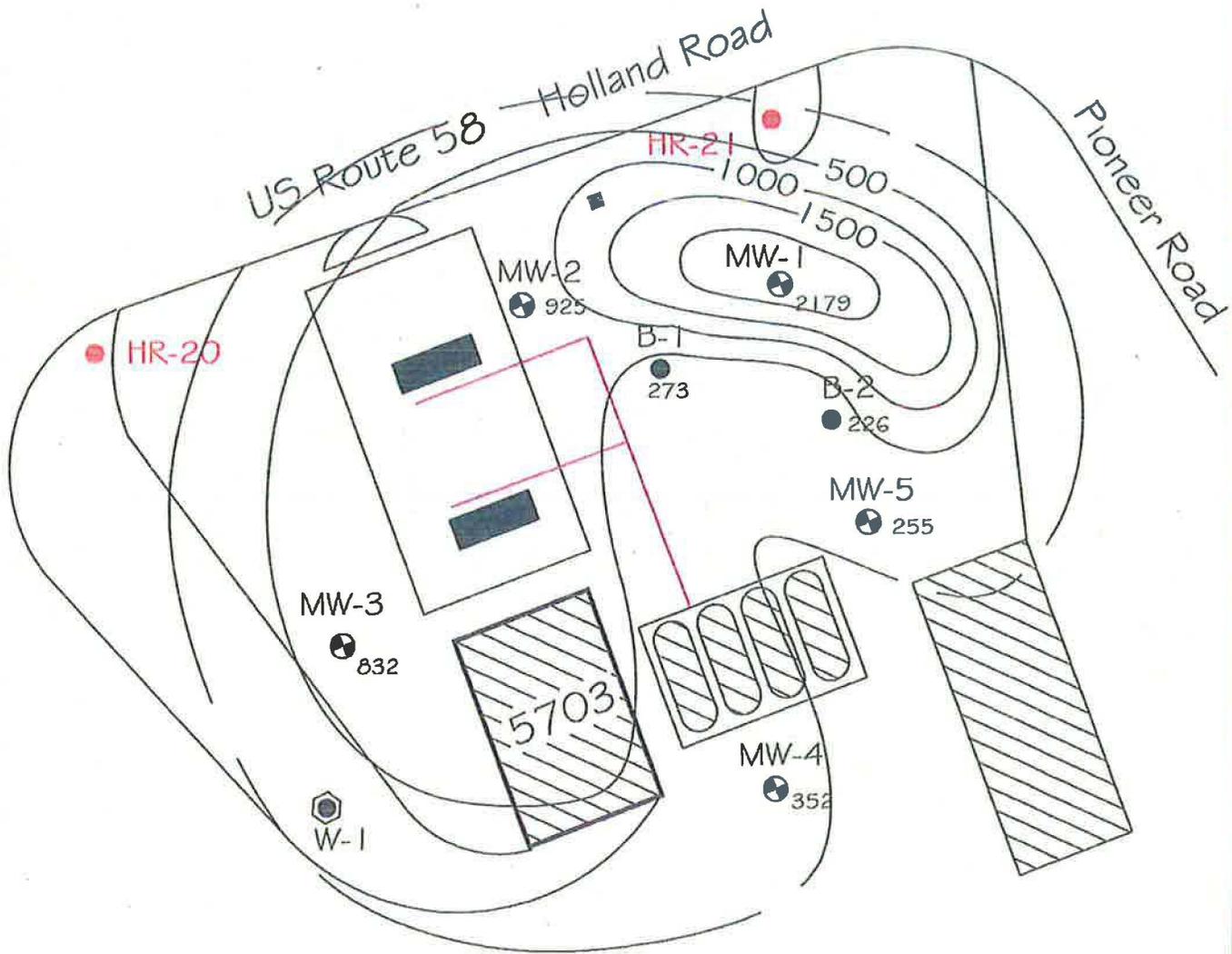
C.I: 500 ppm



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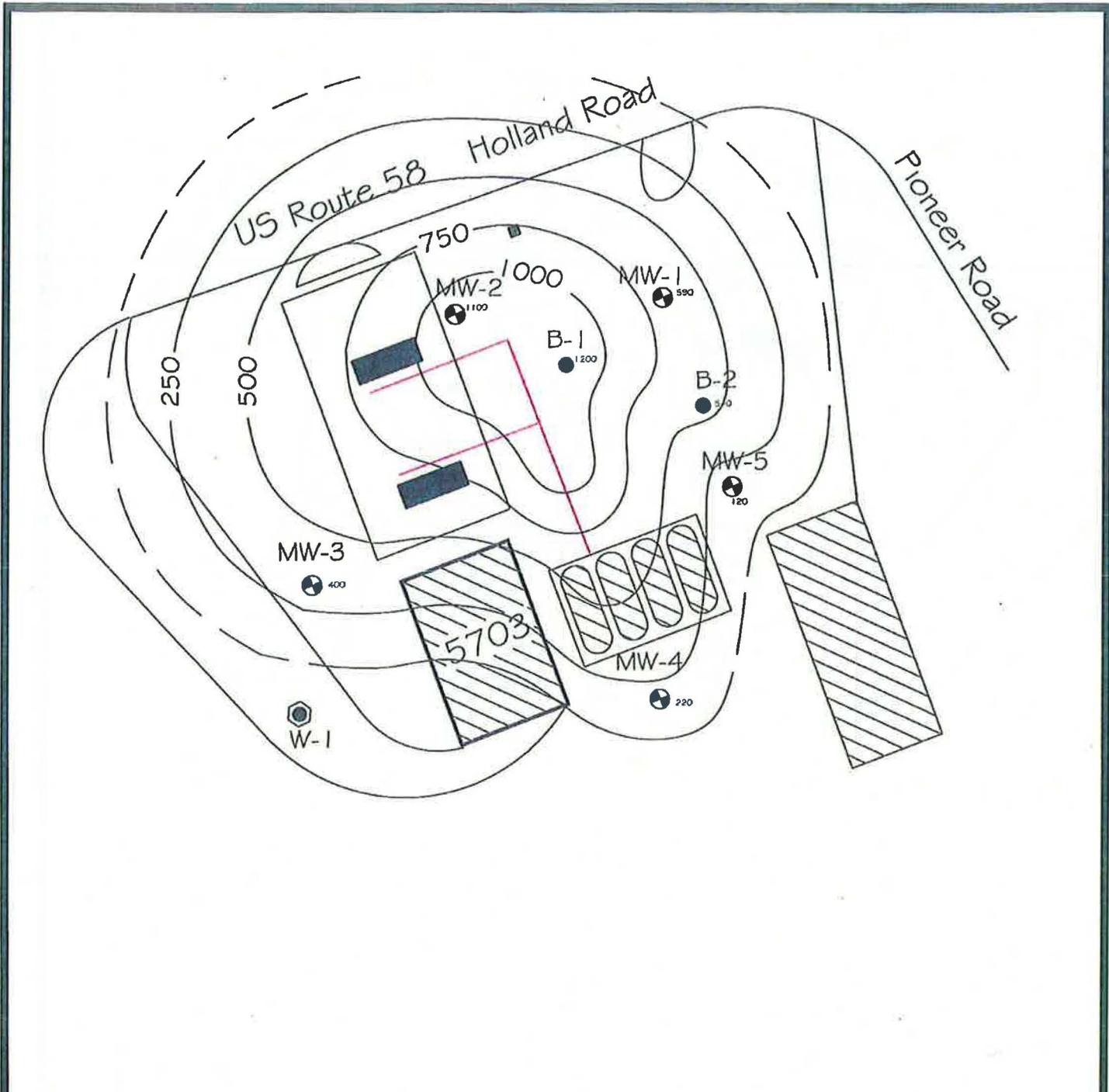
Scale:	1" ~ 30'	Approved By:	Richard J. Seage, P.G.	Date:	9/13
Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074				
Drawing Title:	Vapor Isoconcentration Map (4-6')			Drawing Number:	Figure 4



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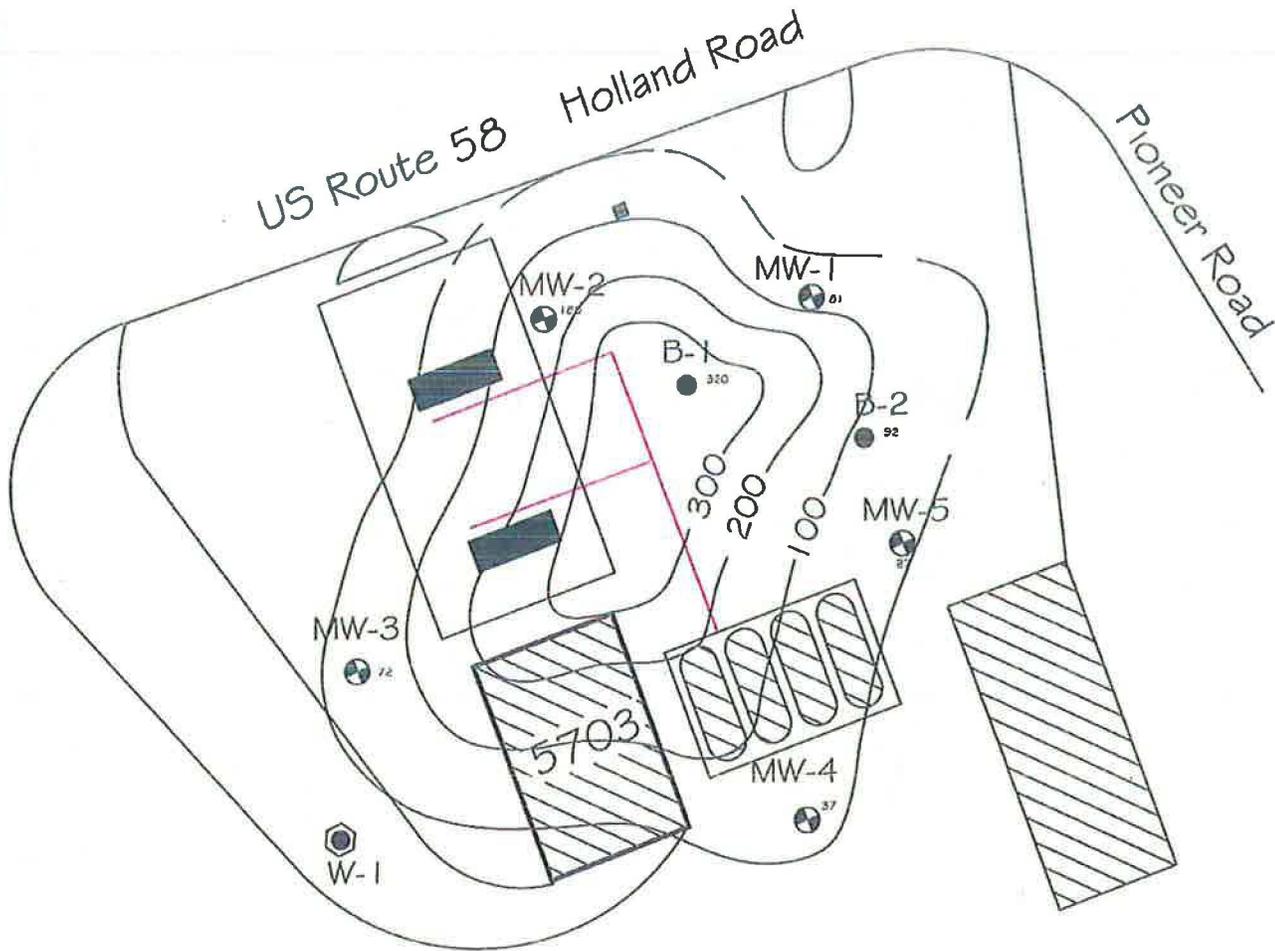
Scale:	1" ~ 30'	Approved By:	Richard J. Seage, P.G.	Date:	9/13
Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074				
Drawing Title:	Vapor Isoconcentration Map (6-8')			Drawing Number:	Figure 5



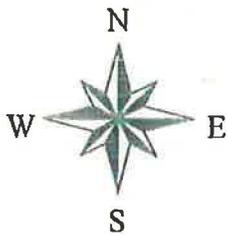
C.I.: 250 ppm



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Scale:	1" ~ 30'	Approved By:	Richard J. Seage, P.G.
Date:	9/13	Project:	
		Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074	
Drawing Title:	TPH GRO Isoconcentration Map (Soil)		Drawing Number: Figure 6



C.I.: 100 ppm



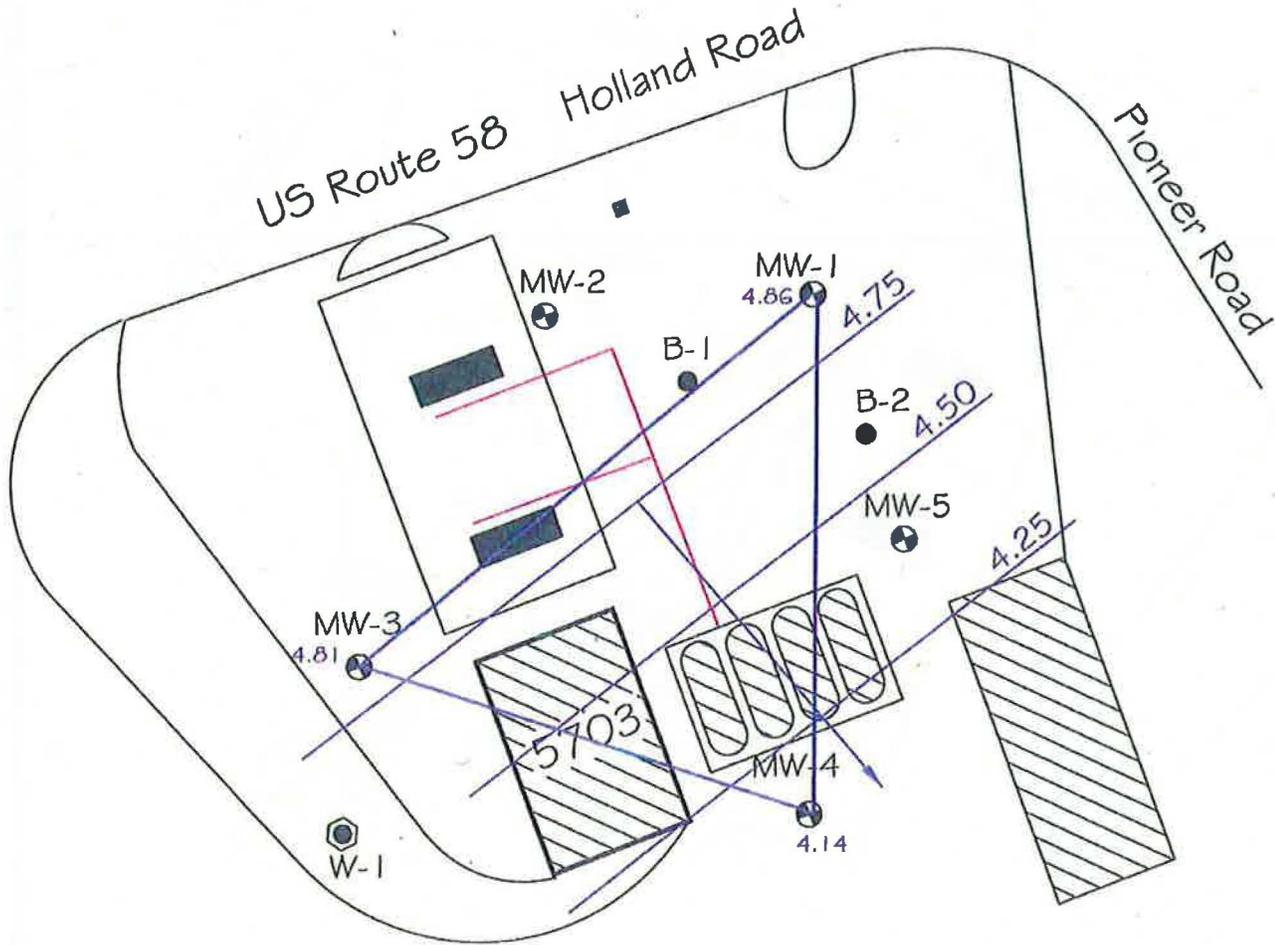
**McCALLUM TESTING LABORATORIES, INC.**

1808 Hayward Avenue  
Chesapeake, Virginia 23325-0337

Scale:	1" ~ 30'	Approved By:	Richard J. Seage, P.G.	Date:	9/13
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Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074
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Drawing Title:	TPH DRO Isoconcentration Map (Soil)	Drawing Number:	Figure 7
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C.I.: 0.25 ft.

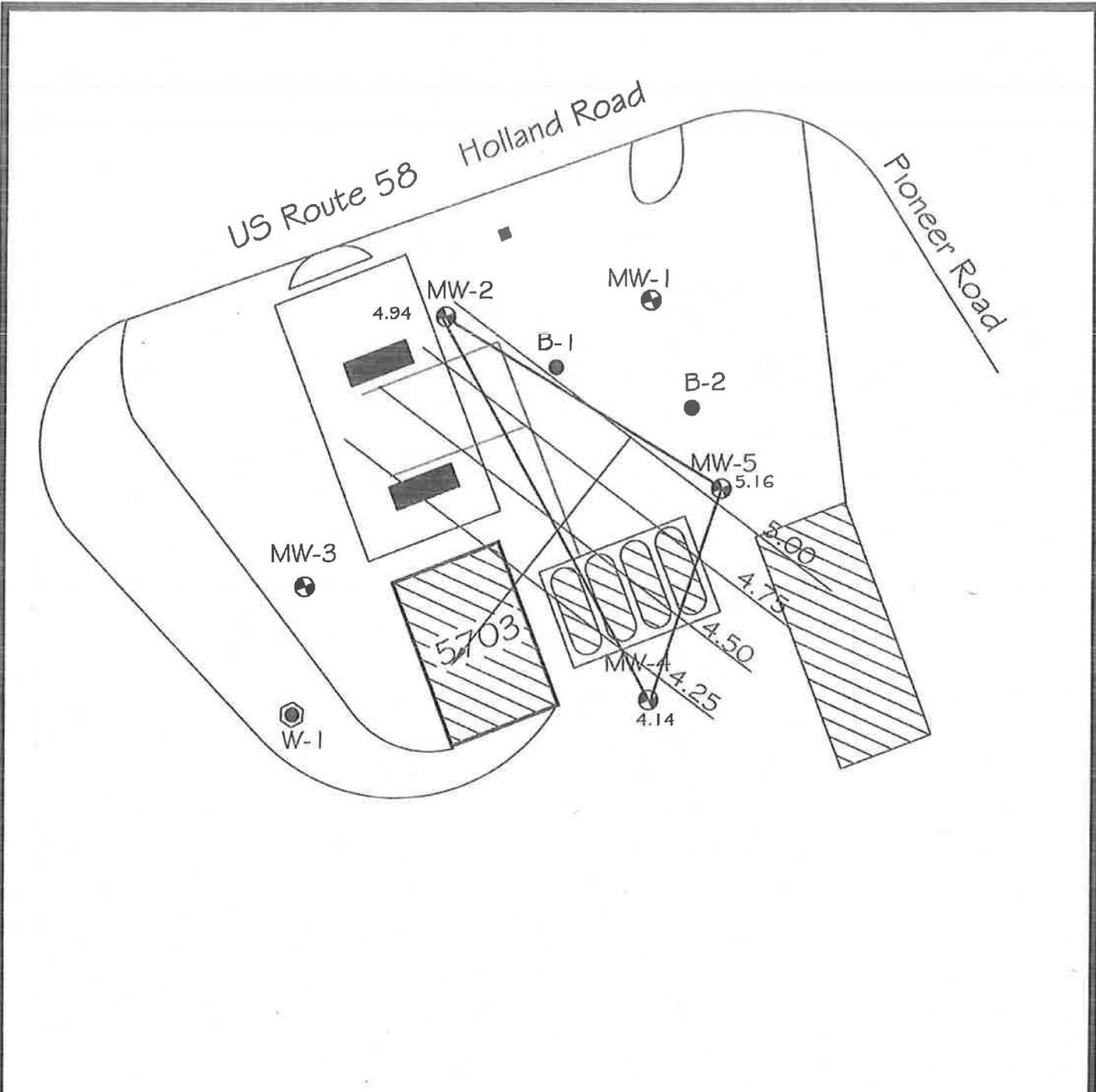
Apparent Groundwater Flow Direction – Generally South (Varying SSE)



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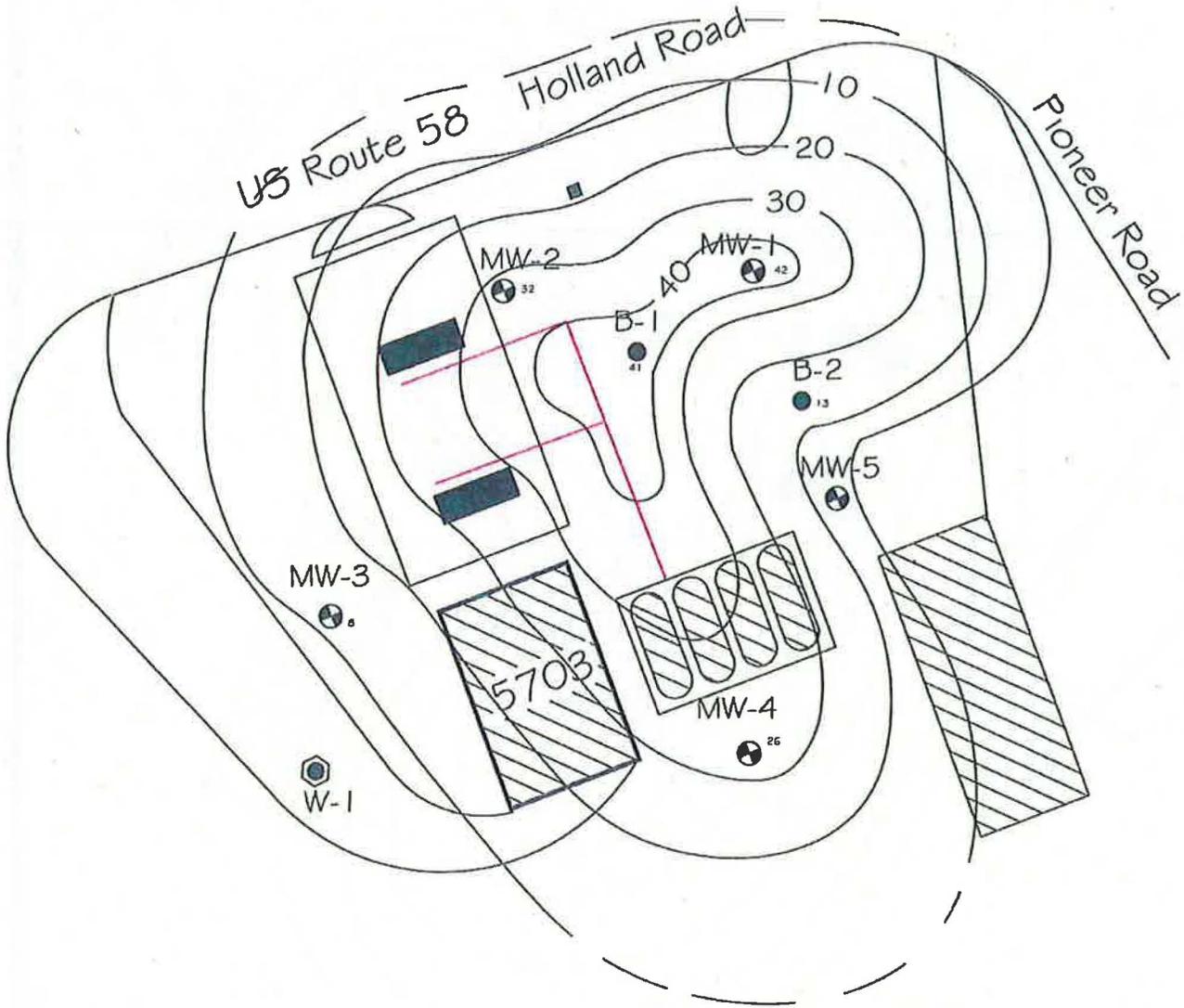
Scale:	1" ~ 30'	Approved By:	Richard J. Seage, P.G.	Date:	9/13
Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074				
Drawing Title:	Groundwater Flow Diagram #1			Drawing Number:	Figure 8



C.I.: 0.25 ft. Apparent Groundwater Flow Direction – Generally South (Varying SW)



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Scale:	1" ~ 30'	Approved By: Richard J. Seage, P.G.
		Date: 9/13
Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074	
Drawing Title:	Groundwater Flow Diagram #2	Drawing Number: Figure 9



C.I.: 10 ppm



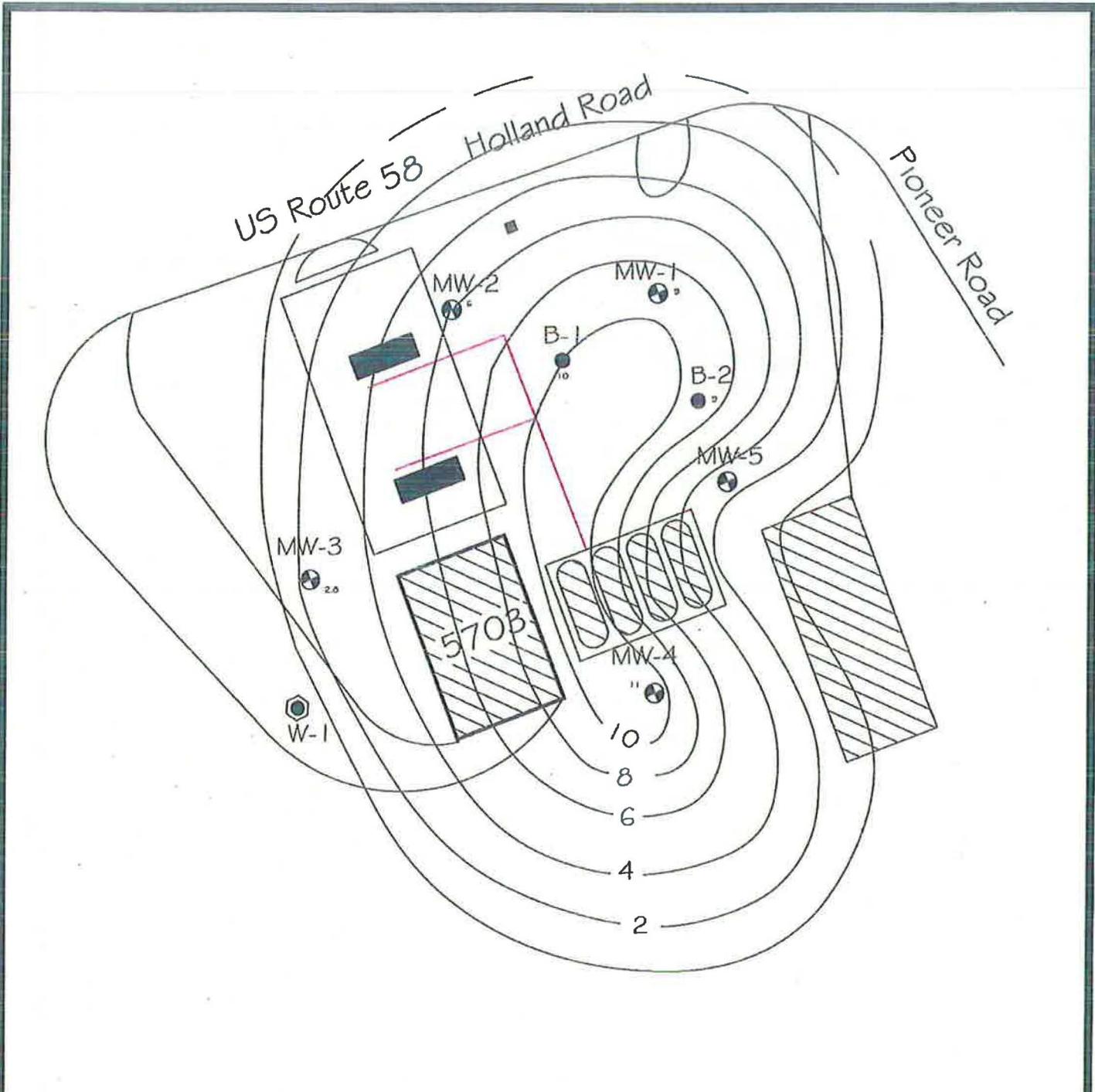
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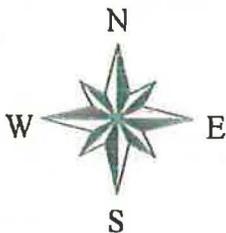
Scale:	1" ~ 30'	Approved By:	Richard J. Seage, P.G.	Date:	9/13
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Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074
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Drawing Title:	TPH GRO Isoconcentration Map (Groundwater)	Drawing Number:	Figure 10
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C.I.: 2 ppm



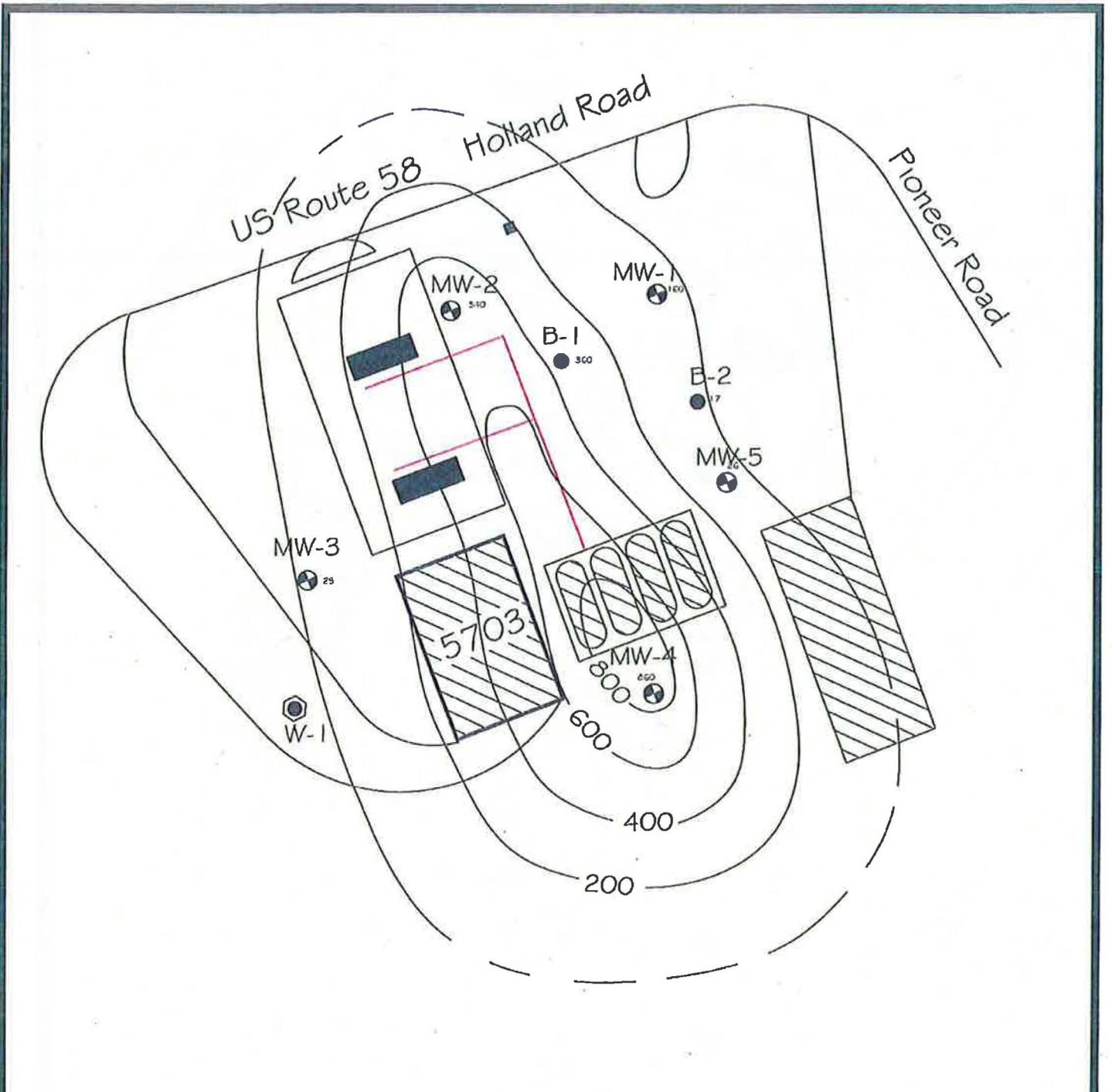
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Scale:	1" ~ 30'	Approved By:	Richard J. Seage, P.G.	Date:	9/13
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Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074
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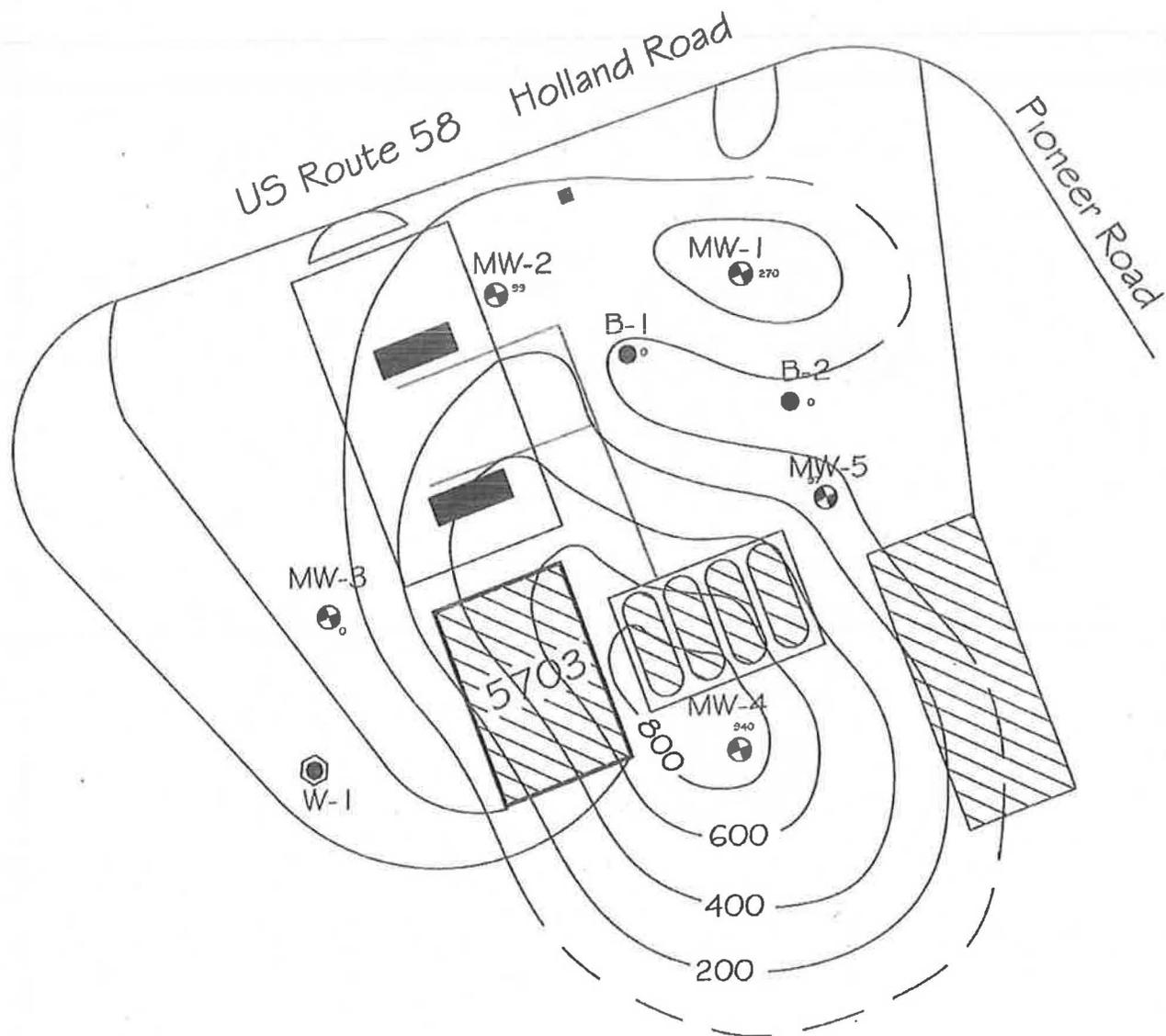
Drawing Title:	TPH DRO Isoconcentration Map (Groundwater)	Drawing Number:	Figure 11
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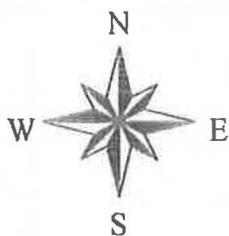
C.I.: 200 ppb



<b>McCALLUM TESTING LABORATORIES, INC.</b> 1808 Hayward Avenue Chesapeake, Virginia 23325-0337			
Scale:	1" ~ 30'	Approved By: Richard J. Seage, P.G.	Date: 9/13
Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074		
Drawing Title:	Benzene Isoconcentration Map (Groundwater)		Drawing Number: Figure 12



C.I.: 200 ppb



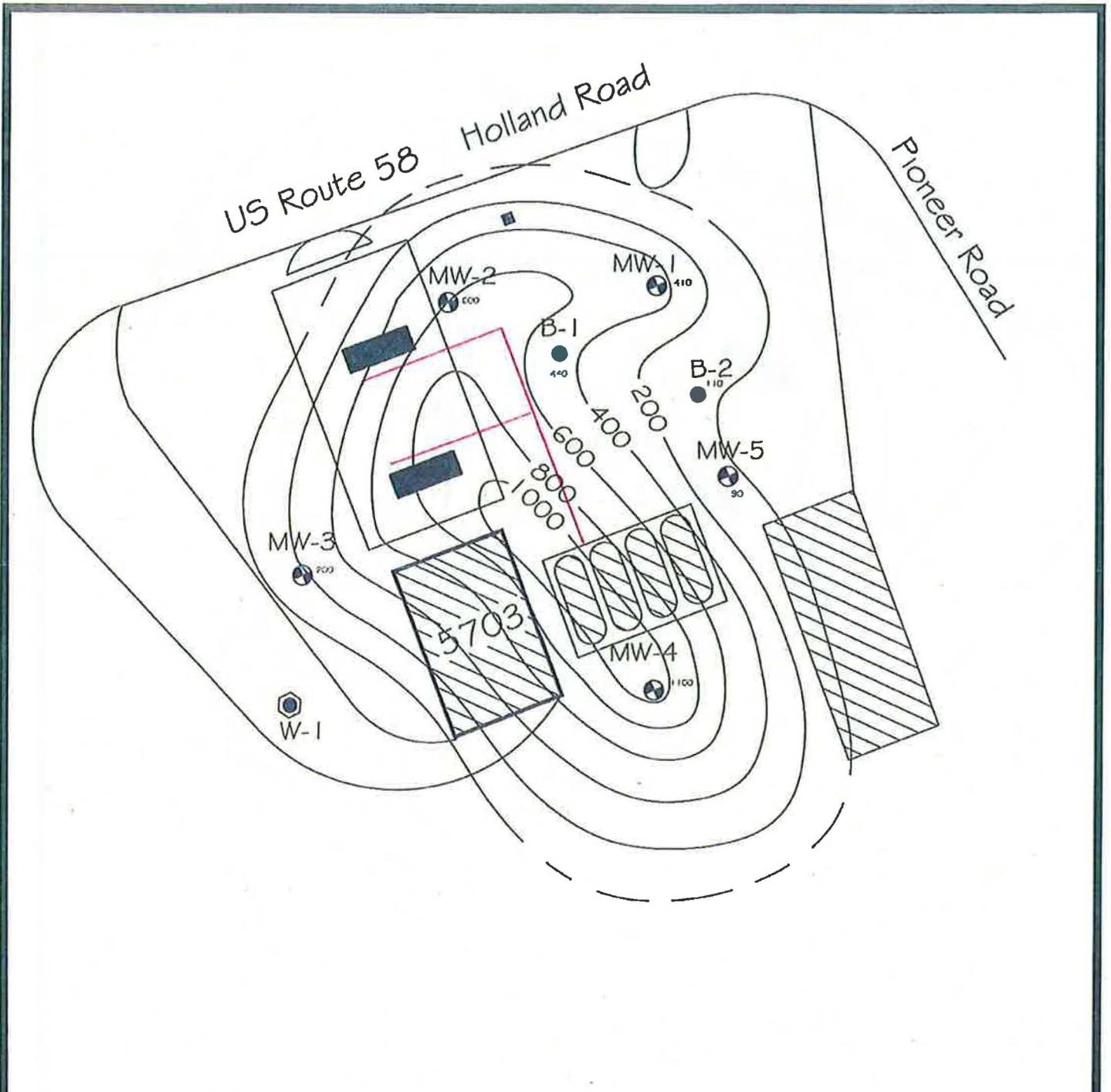
## McCALLUM TESTING LABORATORIES, INC.

1808 Hayward Avenue  
Chesapeake, Virginia 23325-0337

Scale:	1" ~ 30'	Approved By:	Richard J. Seage, P.G.	Date:	9/13
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Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074
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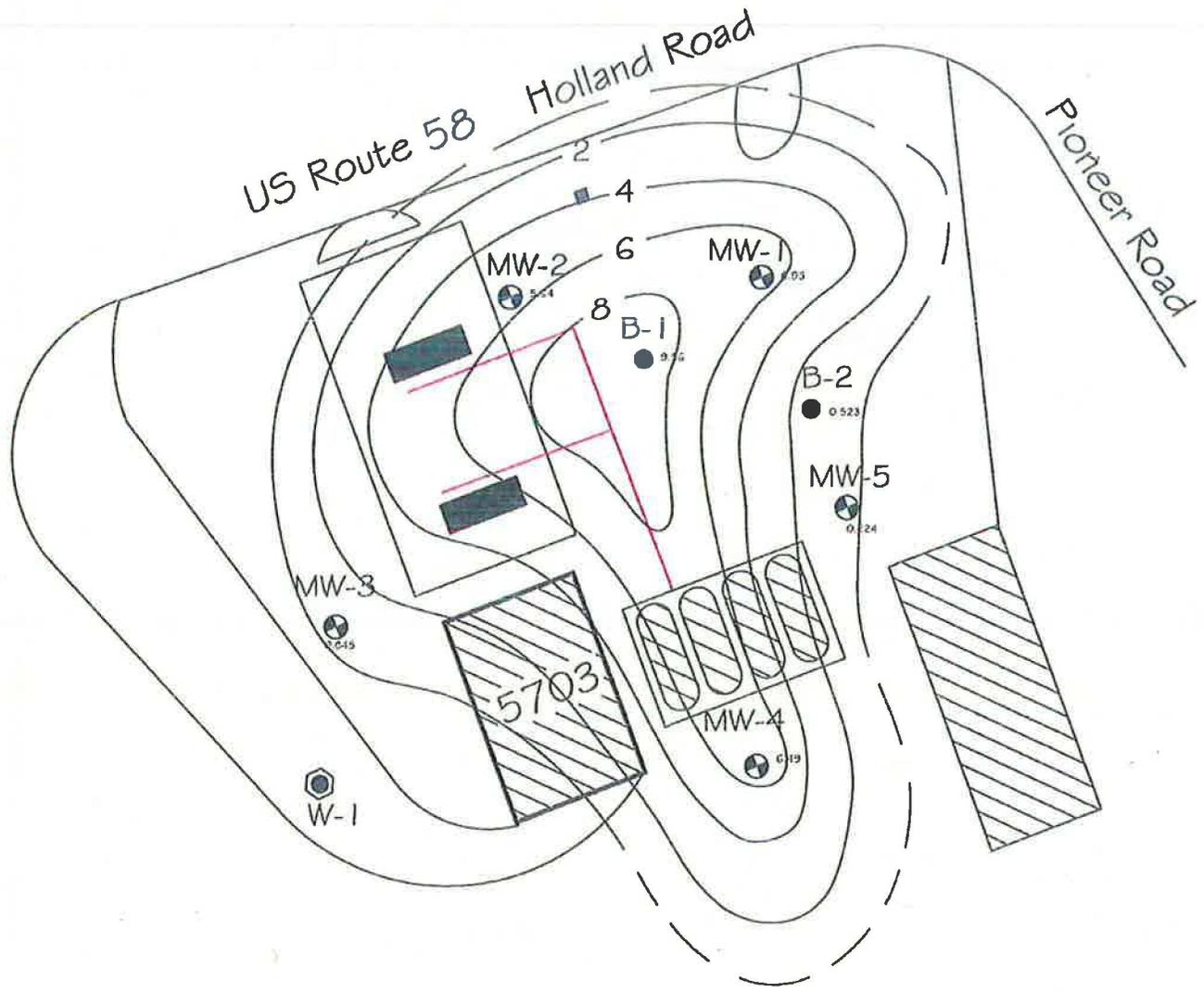
Drawing Title:	MTBE Isoconcentration Map (Groundwater)	Drawing Number:	Figure 13
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C.I.: 200 ppb



<b>McCALLUM TESTING LABORATORIES, INC.</b> 1808 Hayward Avenue Chesapeake, Virginia 23325-0337			
Scale:	1" ~ 30'	Approved By: Richard J. Seage, P.G.	Date: 9/13
Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074		
Drawing Title:	Naphthalene Isoconcentration Map (Groundwater)		Drawing Number: Figure 14



C.I.: 2 ppm



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Chesapeake, Virginia 23325-0337

Scale:	1" ~ 30'	Approved By:	Richard J. Seage, P.G.	Date:	9/13
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Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074
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Drawing Title:	Total BTEX Isoconcentration Map (Groundwater)	Drawing Number:	Figure 15
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Elev. (Feet)	Depth (Feet)	Material Description	Well Detail	Comments	PID Result (ppm)		
					0	2000	4000
		Asphalt - 4"					
		Dark gray sandy clay with faint petroleum odor, CL		(0-2') 123 ppm	●		
		Gray silty clay with petroleum odor, CL		(2-4') 203 ppm	●		
	5	Gray sandy clay with petroleum odor, CL		(4-6') 261 ppm	●		
		Light gray sandy clay with petroleum odor, CL		(6-8') 273 ppm*	●		
		Same	▽				
	10	Light gray clayey sand with petroleum odor, SC		(8-10') 321 ppm	●		
		No Recovery					
	15	BORING TERMINATED AT 12 FEET SOIL AND GROUNDWATER SAMPLES COLLECTED * SUBMITTED TO LABORATORY					

**Legend**

- - PID Reading (ppm)
- ▣ - Split Spoon Sample
- ▽ - Water Table at Time of Boring
- ▼ - 24 Hour Water Table Reading

MONITORING WELL / BORING LOG	
<b>BORING NUMBER</b>	B-1
<b>DATE DRILLED</b>	May 7, 2013
<b>PROJECT NUMBER</b>	13-1330
<b>PROJECT</b>	Pure Station
<b>LOCATION</b>	5703 Holland Road Suffolk, Virginia
<b>McCALLUM TESTING LABORATORIES, INC.</b>	

Elev. (Feet)	Depth (Feet)	Material Description	Well Detail	Comments	PID Result (ppm)		
					0	2000	4000
		Asphalt - 6"					
		Dark gray sandy clay, CL		(0-2') 53 ppm			
		Gray sandy clay with faint petroleum odor, CL		(2-4') 23 ppm			
	5	Same		(4-6') 103 ppm			
		Light gray sandy clay with petroleum odor, CL	▽	(6-8') 226 ppm*			
	10	Light gray clayey sand with petroleum odor, SC		(8-10') 249 ppm			
		Same		(10-12') 223 ppm			
	15	BORING TERMINATED AT 12 FEET SOIL AND GROUNDWATER SAMPLES COLLECTED * SUBMITTED TO LABORATORY					

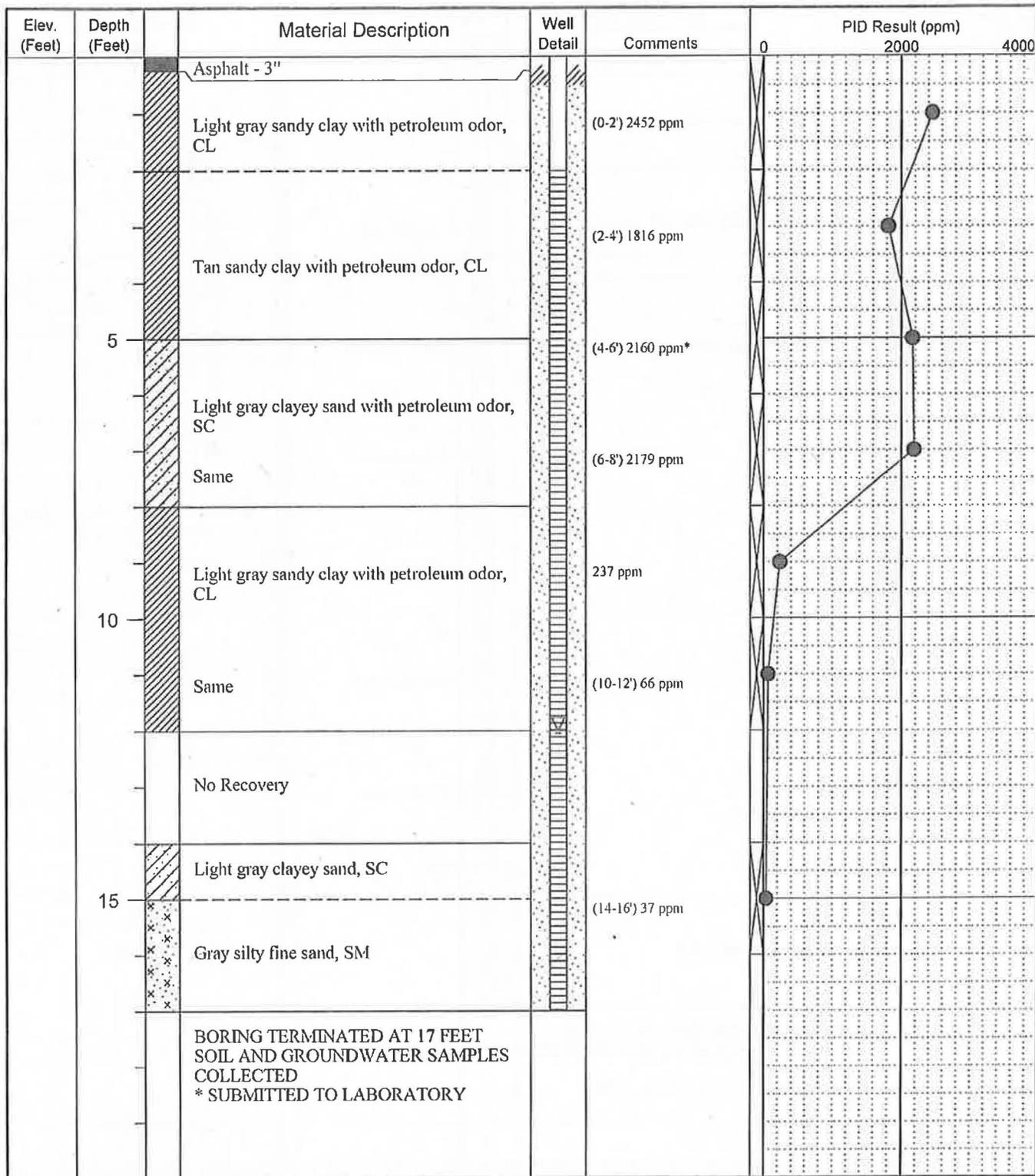
**Legend**

- - PID Reading (ppm)
- ▨ - Split Spoon Sample
- ▽ - Water Table at Time of Boring
- ▼ - 24 Hour Water Table Reading

**MONITORING WELL / BORING LOG**

**BORING NUMBER** B-2  
**DATE DRILLED** May 7, 2013  
**PROJECT NUMBER** 13-1330  
**PROJECT** Pure Station  
**LOCATION** 5703 Holland Road Suffolk, Virginia

**McCALLUM TESTING LABORATORIES, INC.**



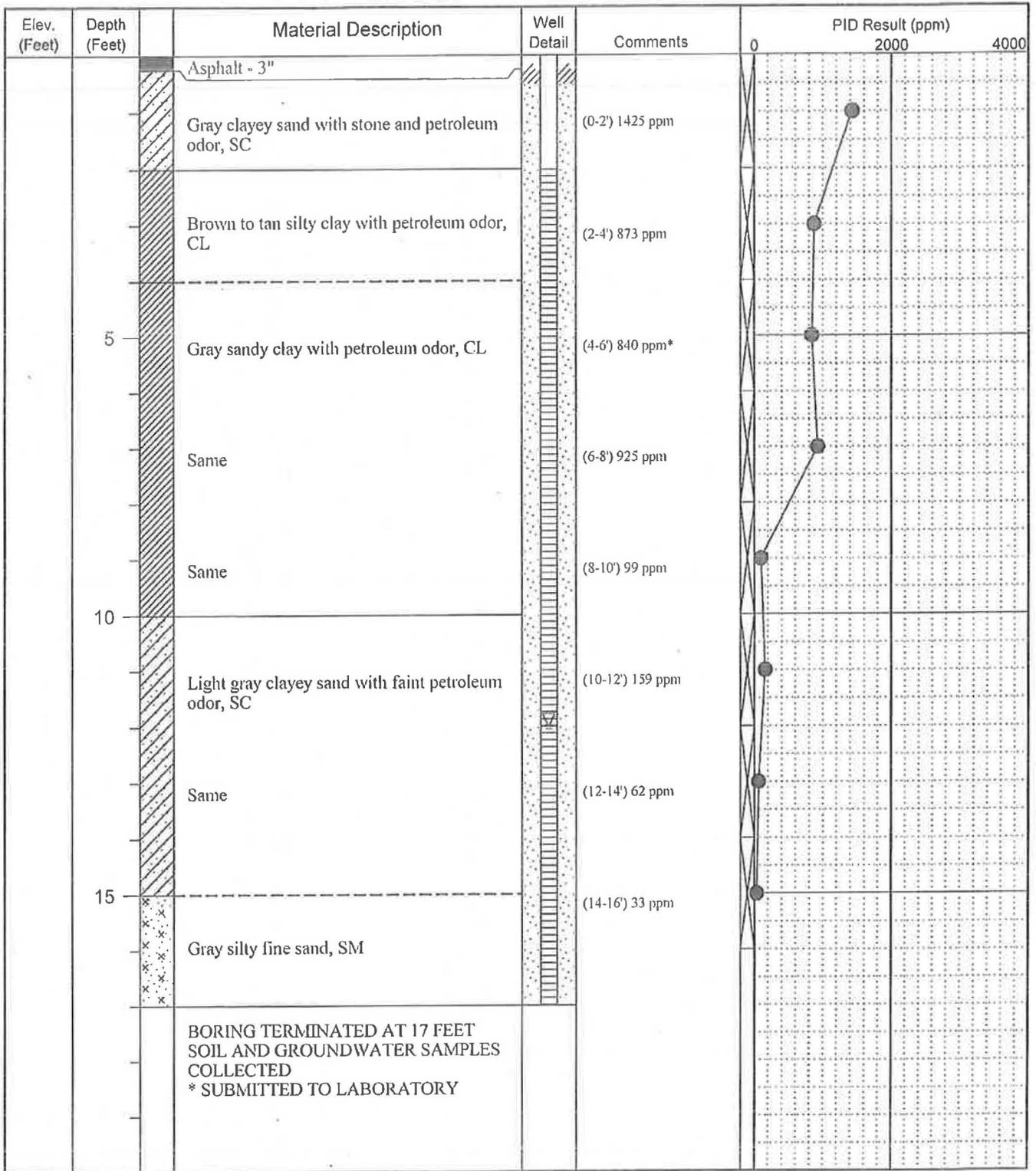
**Legend**

- - PID Reading (ppm)
- ▩ - Split Spoon Sample
- ▽ - Water Table at Time of Boring
- ▼ - 24 Hour Water Table Reading

**MONITORING WELL / BORING LOG**

**BORING NUMBER** MW-1  
**DATE DRILLED** July 29, 2013  
**PROJECT NUMBER** 13-1330  
**PROJECT** Pure Station  
**LOCATION** 5703 Holland Road Suffolk, Virginia

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**Legend**

- - PID Reading (ppm)
- ▣ - Split Spoon Sample
- ∇ - Water Table at Time of Boring
- ▼ - 24 Hour Water Table Reading

**MONITORING WELL / BORING LOG**

**BORING NUMBER** MW-2  
**DATE DRILLED** July 29, 2013  
**PROJECT NUMBER** 13-1330  
**PROJECT** Pure Station  
**LOCATION** 5703 Holland Road Suffolk, Virginia

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Elev. (Feet)	Depth (Feet)	Material Description	Well Detail	Comments	PID Result (ppm)		
					0	2000	4000
		Asphalt - 3"					
		Gray silty clay with faint petroleum odor, CL		(0-2') 55 ppm			
		Same with light staining		(2-4') 22 ppm			
	5	Same		(4-6') 420 ppm			
		Light gray sandy clay with faint petroleum odor, CL		(6-8') 832 ppm*			
		Same		(8-10') 270 ppm			
	10	Light gray silty clay with faint petroleum odor, CL		(10-12') 174 ppm			
		Light gray clayey sand, SC		(12-14') 137 ppm			
	15	Dark gray silty fine sand, SM		(14-16') 88 ppm			
		BORING TERMINATED AT 17 FEET SOIL AND GROUNDWATER SAMPLES COLLECTED * SUBMITTED TO LABORATORY					

**Legend**

●	- PID Reading (ppm)
▨	- Split Spoon Sample
▽	- Water Table at Time of Boring
▼	- 24 Hour Water Table Reading

**MONITORING WELL / BORING LOG**

<b>BORING NUMBER</b>	MW-3
<b>DATE DRILLED</b>	July 29, 2013
<b>PROJECT NUMBER</b>	13-1330
<b>PROJECT</b>	Pure Station
<b>LOCATION</b>	5703 Holland Road Suffolk, Virginia

**McCALLUM TESTING LABORATORIES, INC.**

Elev. (Feet)	Depth (Feet)	Material Description	Well Detail	Comments	PID Result (ppm)		
					0	2000	4000
		Stone - 4"					
		Dark to black silty clay with petroleum odor, CL		(0-2') 133 ppm			
		Gray silty clay with petroleum odor, CL		(2-4') 22 ppm			
	5	Gray sandy clay with petroleum odor, CL		(4-6') 572 ppm*			
		Same		(6-8') 352 ppm)			
	10	Light gray sandy clay, CL		(8-10') 33 ppm			
		Same		(10-12') 55 ppm			
		Same		(12-14') 18 ppm			
	15	Brown clayey sand, SC					
		Dark gray clay, CH		(14-16') 14 ppm			
		Gray silty fine sand, SM					
		BORING TERMINATED AT 17 FEET SOIL AND GROUNDWATER SAMPLES COLLECTED * SUBMITTED TO LABORATORY					

**Legend**

- - PID Reading (ppm)
- ▩ - Split Spoon Sample
- ∇ - Water Table at Time of Boring
- ▼ - 24 Hour Water Table Reading

**MONITORING WELL / BORING LOG**

**BORING NUMBER** MW-4  
**DATE DRILLED** July 29, 2013  
**PROJECT NUMBER** 13-1330  
**PROJECT** Pure Station  
**LOCATION** 5703 Holland Road Suffolk, Virginia

**McCALLUM TESTING LABORATORIES, INC.**

Elev. (Feet)	Depth (Feet)	Material Description	Well Detail	Comments	PID Result (ppm)		
					0	2000	4000
		Asphalt - 3"					
		Dark gray silty clay, CL		(0-2') 7 ppm			
		Gray silty clay, CL		(2-4') 7 ppm			
	5	Same		(4-6') 14 ppm			
		Gray sandy clay with petroleum odor, CL		(6-8') 255 ppm*			
		Same		(8-10') 11 ppm			
	10	Same		(10-12') 7 ppm			
		Orange sandy clay, CL		(12-14') 7 ppm			
	15	Orange and gray sandy clay, CL		(14-16') 7 ppm			
		BORING TERMINATED AT 17 FEET SOIL AND GROUNDWATER SAMPLES COLLECTED * SUBMITTED TO LABORATORY					

**Legend**

- - PID Reading (ppm)
- ▣ - Split Spoon Sample
- ▽ - Water Table at Time of Boring
- ▼ - 24 Hour Water Table Reading

**MONITORING WELL / BORING LOG**

**BORING NUMBER** MW-5  
**DATE DRILLED** July 29, 2013  
**PROJECT NUMBER** 13-1330  
**PROJECT** Pure Station  
**LOCATION** 5703 Holland Road Suffolk, Virginia

**McCALLUM TESTING LABORATORIES, INC.**

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Pensacola  
3355 McLemore Drive  
Pensacola, FL 32514  
Tel: (850)474-1001

TestAmerica Job ID: 400-78094-1  
Client Project/Site: Holland Food Mart 13-1330

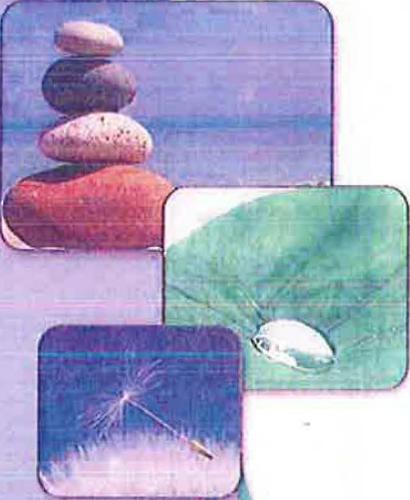
For:  
McCallum Testing Laboratories, Inc  
1808 Hayward Ave  
Chesapeake, Virginia 23320

Attn: Marvin Smith

*Mark Swafford*

Authorized for release by:  
8/14/2013 3:57:42 PM

Mark Swafford, Project Manager I  
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*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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## Definitions/Glossary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Qualifiers

#### GC/MS Semi VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

TestAmerica Pensacola

## Detection Summary

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Client Sample ID: MW-1 (4-6')

Lab Sample ID: 400-78094-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO) C6-C10	590		19		mg/Kg	200	α	8015C	Total/NA
Diesel Range Organics [C10-C28]	81		5.9		mg/Kg	1	α	8015C	Total/NA

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### Client Sample ID: MW-2 (4-6')

Lab Sample ID: 400-78094-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO) C6-C10	1100		47		mg/Kg	500	α	8015C	Total/NA
Diesel Range Organics [C10-C28]	180		5.7		mg/Kg	1	α	8015C	Total/NA

### Client Sample ID: MW-3 (6-8')

Lab Sample ID: 400-78094-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO) C6-C10	400		20		mg/Kg	200	α	8015C	Total/NA
Diesel Range Organics [C10-C28]	72		5.8		mg/Kg	1	α	8015C	Total/NA

### Client Sample ID: WATER SUPPLY WELL (WSW)

Lab Sample ID: 400-78094-4

No Detections.

### Client Sample ID: MW-4 (4-6')

Lab Sample ID: 400-78094-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO) C6-C10	220		23		mg/Kg	200	α	8015C	Total/NA
Diesel Range Organics [C10-C28]	37		5.7		mg/Kg	1	α	8015C	Total/NA

### Client Sample ID: MW-6 (6-8')

Lab Sample ID: 400-78094-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO) C6-C10	120		5.3		mg/Kg	50	α	8015C	Total/NA
Diesel Range Organics [C10-C28]	27		5.9		mg/Kg	1	α	8015C	Total/NA

This Detection Summary does not include radiochemical test results

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# Sample Summary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-78094-1	MW-1 (4-6')	Solid	07/29/13 10:45	07/31/13 09:21
400-78094-2	MW-2 (4-6')	Solid	07/29/13 11:45	07/31/13 09:21
400-78094-3	MW-3 (6-8')	Solid	07/29/13 12:45	07/31/13 09:21
400-78094-4	WATER SUPPLY WELL (WSW)	Water	07/29/13 13:45	07/31/13 09:21
400-78094-5	MW-4 (4-6')	Solid	07/29/13 13:45	07/31/13 09:21
400-78094-6	MW-6 (6-8')	Solid	07/29/13 14:45	07/31/13 09:21

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TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

**Client Sample ID: MW-1 (4-6')**

**Lab Sample ID: 400-78094-1**

Date Collected: 07/29/13 10:45

Matrix: Solid

Date Received: 07/31/13 09:21

Percent Solids: 84.4

**Method: 8015C - GRO by 8015C**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6-C10	590		19		mg/Kg	β	08/06/13 10:00	08/08/13 09:19	200
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>a,a,a-Trifluorotoluene (fid)</i>	87		65 - 125				08/06/13 10:00	08/08/13 09:19	200

**Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	81		59		mg/Kg	α	08/01/13 13:21	08/03/13 00:07	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>o-Terphenyl (Surr)</i>	50		30 - 118				08/01/13 13:21	08/03/13 00:07	1

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

**Client Sample ID: MW-2 (4-6')**

**Lab Sample ID: 400-78094-2**

Date Collected: 07/29/13 11:45

Matrix: Solid

Date Received: 07/31/13 09:21

Percent Solids: 88.3

**Method: 8015C - GRO by 8015C**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6-C10	1100		47		mg/Kg	☒	08/06/13 10:00	08/08/13 09:49	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (TfD)	92		65 - 125	08/06/13 10:00	08/08/13 09:49	500

**Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	180		5.7		mg/Kg	☒	08/01/13 13:21	08/03/13 00:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	45		30 - 118	08/01/13 13:21	08/03/13 00:18	1

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

**Client Sample ID: MW-3 (6-8')**

**Lab Sample ID: 400-78094-3**

Date Collected: 07/29/13 12:45

Matrix: Solid

Date Received: 07/31/13 09:21

Percent Solids: 85.9



**Method: 8015C - GRO by 8015C**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6-C10	400		20		mg/Kg	☒	08/06/13 10:00	08/07/13 08:09	200
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene (fid)	91		65 - 125				08/06/13 10:00	08/07/13 08:09	200

**Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	72		5.8		mg/Kg	☒	08/01/13 13:21	08/03/13 00:28	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
o-Terphenyl (Surr)	41		30 - 118				08/01/13 13:21	08/03/13 00:28	1

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

Client Sample ID: WATER SUPPLY WELL (WSW)

Lab Sample ID: 400-78094-4

Date Collected: 07/29/13 13:45

Matrix: Water

Date Received: 07/31/13 09:21

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/10/13 20:31	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/10/13 20:31	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/10/13 20:31	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			08/10/13 20:31	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/10/13 20:31	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/10/13 20:31	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			08/10/13 20:31	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			08/10/13 20:31	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			08/10/13 20:31	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			08/10/13 20:31	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			08/10/13 20:31	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/10/13 20:31	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/10/13 20:31	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			08/10/13 20:31	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			08/10/13 20:31	1
1,3-Dichloropropane	<1.0		1.0		ug/L			08/10/13 20:31	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			08/10/13 20:31	1
2,2-Dichloropropane	<1.0		1.0		ug/L			08/10/13 20:31	1
2-Chlorotoluene	<1.0		1.0		ug/L			08/10/13 20:31	1
4-Chlorotoluene	<1.0		1.0		ug/L			08/10/13 20:31	1
Benzene	<1.0		1.0		ug/L			08/10/13 20:31	1
Bromobenzene	<1.0		1.0		ug/L			08/10/13 20:31	1
Bromochloromethane	<1.0		1.0		ug/L			08/10/13 20:31	1
Bromodichloromethane	<1.0		1.0		ug/L			08/10/13 20:31	1
Bromoform	<5.0		5.0		ug/L			08/10/13 20:31	1
Bromomethane	<1.0		1.0		ug/L			08/10/13 20:31	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/10/13 20:31	1
Chlorobenzene	<1.0		1.0		ug/L			08/10/13 20:31	1
Chloroethane	<1.0		1.0		ug/L			08/10/13 20:31	1
Chloroform	<1.0		1.0		ug/L			08/10/13 20:31	1
Chloromethane	<1.0		1.0		ug/L			08/10/13 20:31	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/10/13 20:31	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			08/10/13 20:31	1
Dibromochloromethane	<1.0		1.0		ug/L			08/10/13 20:31	1
Dibromomethane	<5.0		5.0		ug/L			08/10/13 20:31	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/10/13 20:31	1
Ethylbenzene	<1.0		1.0		ug/L			08/10/13 20:31	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/10/13 20:31	1
Hexachlorobutadiene	<5.0		5.0		ug/L			08/10/13 20:31	1
Isopropylbenzene	<1.0		1.0		ug/L			08/10/13 20:31	1
Methyl tert-butyl ether	<1.0		1.0		ug/L			08/10/13 20:31	1
Methylene Chloride	<5.0		5.0		ug/L			08/10/13 20:31	1
m-Xylene & p-Xylene	<10		10		ug/L			08/10/13 20:31	1
Naphthalene	<1.0		1.0		ug/L			08/10/13 20:31	1
n-Butylbenzene	<1.0		1.0		ug/L			08/10/13 20:31	1
N-Propylbenzene	<1.0		1.0		ug/L			08/10/13 20:31	1
o-Xylene	<5.0		5.0		ug/L			08/10/13 20:31	1
p-Cymene	<1.0		1.0		ug/L			08/10/13 20:31	1
sec-Butylbenzene	<1.0		1.0		ug/L			08/10/13 20:31	1

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

**Client Sample ID: WATER SUPPLY WELL (WSW)**

**Lab Sample ID: 400-78094-4**

Date Collected: 07/29/13 13:45

Matrix: Water

Date Received: 07/31/13 09:21

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**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<1.0		1.0		ug/L			08/10/13 20:31	1
tert-Butylbenzene	<1.0		1.0		ug/L			08/10/13 20:31	1
Tetrachloroethene	<1.0		1.0		ug/L			08/10/13 20:31	1
Toluene	<1.0		1.0		ug/L			08/10/13 20:31	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/10/13 20:31	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			08/10/13 20:31	1
Trichloroethene	<1.0		1.0		ug/L			08/10/13 20:31	1
Trichlorofluoromethane	<1.0		1.0		ug/L			08/10/13 20:31	1
Vinyl chloride	<1.0		1.0		ug/L			08/10/13 20:31	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	100		78 - 118					08/10/13 20:31	1
Dibromofluoromethane	90		81 - 121					08/10/13 20:31	1
Toluene-d8 (Surr)	91		80 - 120					08/10/13 20:31	1

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
1,2-Dichlorobenzene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
1,2-Diphenylhydrazine	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
1,3-Dichlorobenzene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
1,4-Dichlorobenzene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
1-Methylnaphthalene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
2,4,5-Trichlorophenol	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
2,4,6-Trichlorophenol	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
2,4-Dichlorophenol	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
2,4-Dimethylphenol	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
2,4-Dinitrophenol	<29		29		ug/L		08/02/13 09:35	08/10/13 14:53	1
2,4-Dinitrotoluene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
2,6-Dichlorophenol	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
2,6-Dinitrotoluene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
2-Chloronaphthalene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
2-Chlorophenol	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
2-Methylnaphthalene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
2-Methylphenol	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
2-Nitroaniline	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
2-Nitrophenol	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
3 & 4 Methylphenol	<19		19		ug/L		08/02/13 09:35	08/10/13 14:53	1
3,3'-Dichlorobenzidine	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
3-Nitroaniline	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
4,6-Dinitro-2-methylphenol	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
4-Bromophenyl phenyl ether	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
4-Chloro-3-methylphenol	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
4-Chloroaniline	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
4-Chlorophenyl phenyl ether	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
4-Nitroaniline	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
4-Nitrophenol	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Acenaphthene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Acenaphthylene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Anthracene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

Client Sample ID: WATER SUPPLY WELL (WSW)

Lab Sample ID: 400-78094-4

Date Collected: 07/29/13 13:45

Matrix: Water

Date Received: 07/31/13 09:21

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzidine	<48		48		ug/L		08/02/13 09:35	08/10/13 14:53	1
Benzo[a]anthracene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Benzo[a]pyrene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Benzo[b]fluoranthene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Benzo[g,h,i]perylene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Benzo[k]fluoranthene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Benzoic acid	<29		29		ug/L		08/02/13 09:35	08/10/13 14:53	1
Benzyl alcohol	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
bis(2-chloroisopropyl) ether	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Bis(2-chloroethoxy)methane	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Bis(2-chloroethyl)ether	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Bis(2-ethylhexyl) phthalate	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Butyl benzyl phthalate	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Chrysene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Dibenz(a,h)anthracene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Dibenz(a,h)acridine	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Dibenzofuran	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Diethyl phthalate	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Dimethyl phthalate	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Di-n-butyl phthalate	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Di-n-octyl phthalate	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Fluoranthene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Fluorene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Hexachlorobenzene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Hexachlorobutadiene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Hexachlorocyclopentadiene	<19		19		ug/L		08/02/13 09:35	08/10/13 14:53	1
Hexachloroethane	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Indene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Indeno[1,2,3-cd]pyrene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Isophorone	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Naphthalene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Nitrobenzene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
N-Nitrosodimethylamine	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
N-Nitrosodi-n-butylamine	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
N-Nitrosodi-n-propylamine	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
N-Nitrosodiphenylamine	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Pentachlorophenol	<19		19		ug/L		08/02/13 09:35	08/10/13 14:53	1
Phenanthrene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Phenol	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Pyrene	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1
Pyridine	<9.5		9.5		ug/L		08/02/13 09:35	08/10/13 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	49		15 . 135	08/02/13 09:35	08/10/13 14:53	1
2-Fluorobiphenyl	87		34 . 113	08/02/13 09:35	08/10/13 14:53	1
2-Fluorophenol (Surr)	56		10 . 104	08/02/13 09:35	08/10/13 14:53	1
Nitrobenzene-d5 (Surr)	87		27 . 110	08/02/13 09:35	08/10/13 14:53	1
Phenol-d5 (Surr)	63		10 . 110	08/02/13 09:35	08/10/13 14:53	1
Terphenyl-d14 (Surr)	96		53 . 125	08/02/13 09:35	08/10/13 14:53	1

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

**Client Sample ID: WATER SUPPLY WELL (WSW)**

**Lab Sample ID: 400-78094-4**

Date Collected: 07/29/13 13:45

Matrix: Water

Date Received: 07/31/13 09:21

**Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	<0.020		0.020		ug/L		08/01/13 09:09	08/02/13 14:51	1
1,2-Dibromo-3-Chloropropane	<0.030		0.030		ug/L		08/01/13 09:09	08/02/13 14:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		51 - 149				08/01/13 09:09	08/02/13 14:51	1



TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

**Client Sample ID: MW-4 (4-6')**

**Lab Sample ID: 400-78094-5**

Date Collected: 07/29/13 13:45

Matrix: Solid

Date Received: 07/31/13 09:21

Percent Solids: 86.4

**Method: 8015C - GRO by 8015C**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C8-C10	220		23		mg/Kg	U	08/06/13 10:00	08/08/13 11:55	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>m,m</i> -Trifluorotoluene (fid)	92		65 - 125				08/06/13 10:00	08/08/13 11:55	200

**Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	37		57		mg/Kg	U	08/01/13 13:21	08/03/13 00:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl (Surf)	53		30 - 118				08/01/13 13:21	08/03/13 00:38	1

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

**Client Sample ID: MW-6 (6-8')**

**Lab Sample ID: 400-78094-6**

Date Collected: 07/29/13 14:45

Matrix: Solid

Date Received: 07/31/13 09:21

Percent Solids: 84.3

**Method: 8015C - GRO by 8015C**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) C6-C10	120		5.3		mg/Kg	2	08/08/13 10:00	08/09/13 05:24	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (fid)	88		65 - 125	08/08/13 10:00	08/09/13 05:24	50

**Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	27		5.9		mg/Kg	2	08/01/13 13:21	08/02/13 22:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	51		30 - 118	08/01/13 13:21	08/02/13 22:26	1



## QC Association Summary

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### GC/MS VOA

#### Analysis Batch: 188304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78094-4	WATER SUPPLY WELL (WSW)	Total/NA	Water	8260B	
400-78171-B-13 MS	Matrix Spike	Total/NA	Water	8260B	
400-78171-B-13 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 400-188304/1000	Lab Control Sample	Total/NA	Water	8260B	
MB 400-188304/4	Method Blank	Total/NA	Water	8260B	

### GC/MS Semi VOA

#### Leach Batch: 187199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78005-B-1-E MS	Matrix Spike	TCLP	Water	1311	
400-78005-B-1-F MSD	Matrix Spike Duplicate	TCLP	Water	1311	

#### Prep Batch: 187427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78005-B-1-E MS	Matrix Spike	TCLP	Water	3520C	187199
400-78005-B-1-F MSD	Matrix Spike Duplicate	TCLP	Water	3520C	187199
400-78094-4	WATER SUPPLY WELL (WSW)	Total/NA	Water	3520C	
LCS 400-187427/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 400-187427/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 400-187427/1-A	Method Blank	Total/NA	Water	3520C	

#### Analysis Batch: 187857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78005-B-1-E MS	Matrix Spike	TCLP	Water	8270D	187427
400-78005-B-1-F MSD	Matrix Spike Duplicate	TCLP	Water	8270D	187427
LCS 400-187427/2-A	Lab Control Sample	Total/NA	Water	8270D	187427
LCSD 400-187427/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	187427
MB 400-187427/1-A	Method Blank	Total/NA	Water	8270D	187427

#### Analysis Batch: 188284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78094-4	WATER SUPPLY WELL (WSW)	Total/NA	Water	8270D	187427

### GC VOA

#### Prep Batch: 187447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78094-1	MW-1 (4-6')	Total/NA	Solid	5035	
400-78094-2	MW-2 (4-6')	Total/NA	Solid	5035	
400-78094-5	MW-4 (4-6')	Total/NA	Solid	5035	

#### Prep Batch: 187658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78075-B-1-E MS	Matrix Spike	Total/NA	Solid	5035	
400-78075-B-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	
400-78094-3	MW-3 (6-8')	Total/NA	Solid	5035	
LCS 400-187658/2-A	Lab Control Sample	Total/NA	Solid	5035	
MB 400-187658/1-A	Method Blank	Total/NA	Solid	5035	

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## QC Association Summary

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### GC VOA (Continued)

#### Analysis Batch: 187743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78075-B-1-E MS	Matrix Spike	Total/NA	Solid	8015C	187658
400-78075-B-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015C	187658
400-78094-3	MW-3 (6-8')	Total/NA	Solid	8015C	187658
LCS 400-187658/2-A	Lab Control Sample	Total/NA	Solid	8015C	187658
MB 400-187658/1-A	Method Blank	Total/NA	Solid	8015C	187658

#### Analysis Batch: 188037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78094-1	MW-1 (4-6')	Total/NA	Solid	8015C	187447
400-78094-2	MW-2 (4-6')	Total/NA	Solid	8015C	187447
400-78094-5	MW-4 (4-6')	Total/NA	Solid	8015C	187447

#### Analysis Batch: 188215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78094-6	MW-6 (6-8')	Total/NA	Solid	8015C	188216
400-78233-A-9-E MS	Matrix Spike	Total/NA	Solid	8015C	188216
400-78233-A-9-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015C	188216
LCS 400-188216/2-A	Lab Control Sample	Total/NA	Solid	8015C	188216
MB 400-188216/1-A	Method Blank	Total/NA	Solid	8015C	188216

#### Prep Batch: 188216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78094-6	MW-6 (6-8')	Total/NA	Solid	5035	
400-78233-A-9-E MS	Matrix Spike	Total/NA	Solid	5035	
400-78233-A-9-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	
LCS 400-188216/2-A	Lab Control Sample	Total/NA	Solid	5035	
MB 400-188216/1-A	Method Blank	Total/NA	Solid	5035	

### GC Semi VOA

#### Prep Batch: 187283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78094-4	WATER SUPPLY WELL (WSW)	Total/NA	Water	8011	
LCS 400-187283/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 400-187283/3-A	Lab Control Sample Dup	Total/NA	Water	8011	
MB 400-187283/1-A	Method Blank	Total/NA	Water	8011	

#### Prep Batch: 187335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78094-1	MW-1 (4-6')	Total/NA	Solid	3550C	
400-78094-2	MW-2 (4-6')	Total/NA	Solid	3550C	
400-78094-3	MW-3 (6-8')	Total/NA	Solid	3550C	
400-78094-5	MW-4 (4-6')	Total/NA	Solid	3550C	
400-78094-6	MW-6 (6-8')	Total/NA	Solid	3550C	
400-78094-6 MS	MW-6 (6-8')	Total/NA	Solid	3550C	
400-78094-6 MSD	MW-6 (6-8')	Total/NA	Solid	3550C	
LCS 400-187335/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 400-187335/1-A	Method Blank	Total/NA	Solid	3550C	

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## QC Association Summary

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### GC Semi VOA (Continued)

#### Analysis Batch: 187475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78094-1	MW-1 (4-6')	Total/NA	Solid	8015C	187335
400-78094-2	MW-2 (4-6')	Total/NA	Solid	8015C	187335
400-78094-3	MW-3 (6-8')	Total/NA	Solid	8015C	187335
400-78094-5	MW-4 (4-6')	Total/NA	Solid	8015C	187335
400-78094-6	MW-6 (6-8')	Total/NA	Solid	8015C	187335
400-78094-6 MS	MW-6 (6-8')	Total/NA	Solid	8015C	187335
400-78094-6 MSD	MW-6 (6-8')	Total/NA	Solid	8015C	187335
LCS 400-187335/2-A	Lab Control Sample	Total/NA	Solid	8015C	187335
MB 400-187335/1-A	Method Blank	Total/NA	Solid	8015C	187335

#### Analysis Batch: 187491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78094-4	WATER SUPPLY WELL (WSW)	Total/NA	Water	8011	187283
LCS 400-187283/2-A	Lab Control Sample	Total/NA	Water	8011	187283
LCS 400-187283/3-A	Lab Control Sample Dup	Total/NA	Water	8011	187283
MB 400-187283/1-A	Method Blank	Total/NA	Water	8011	187283

### General Chemistry

#### Analysis Batch: 187676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78075-A-2 DU	Duplicate	Total/NA	Solid	Moisture	
400-78094-1	MW-1 (4-6')	Total/NA	Solid	Moisture	
400-78094-2	MW-2 (4-6')	Total/NA	Solid	Moisture	
400-78094-3	MW-3 (6-8')	Total/NA	Solid	Moisture	
400-78094-5	MW-4 (4-6')	Total/NA	Solid	Moisture	

#### Analysis Batch: 187718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-78094-6	MW-6 (6-8')	Total/NA	Solid	Moisture	
400-78094-6 DU	MW-6 (6-8')	Total/NA	Solid	Moisture	
400-78103-A-10 MS	Matrix Spike	Total/NA	Solid	Moisture	
400-78103-A-10 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	

TestAmerica Pensacola

# QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-188304/4

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 188304

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/10/13 15:46	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/10/13 15:46	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/10/13 15:46	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			08/10/13 15:46	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/10/13 15:46	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/10/13 15:46	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			08/10/13 15:46	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			08/10/13 15:46	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			08/10/13 15:46	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			08/10/13 15:46	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			08/10/13 15:46	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/10/13 15:46	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/10/13 15:46	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			08/10/13 15:46	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			08/10/13 15:46	1
1,3-Dichloropropane	<1.0		1.0		ug/L			08/10/13 15:46	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			08/10/13 15:46	1
2,2-Dichloropropane	<1.0		1.0		ug/L			08/10/13 15:46	1
2-Chlorotoluene	<1.0		1.0		ug/L			08/10/13 15:46	1
4-Chlorotoluene	<1.0		1.0		ug/L			08/10/13 15:46	1
Benzene	<1.0		1.0		ug/L			08/10/13 15:46	1
Bromobenzene	<1.0		1.0		ug/L			08/10/13 15:46	1
Bromochloromethane	<1.0		1.0		ug/L			08/10/13 15:46	1
Bromodichloromethane	<1.0		1.0		ug/L			08/10/13 15:46	1
Bromoform	<5.0		5.0		ug/L			08/10/13 15:46	1
Bromomethane	<1.0		1.0		ug/L			08/10/13 15:46	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/10/13 15:46	1
Chlorobenzene	<1.0		1.0		ug/L			08/10/13 15:46	1
Chloroethane	<1.0		1.0		ug/L			08/10/13 15:46	1
Chloroform	<1.0		1.0		ug/L			08/10/13 15:46	1
Chloromethane	<1.0		1.0		ug/L			08/10/13 15:46	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/10/13 15:46	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			08/10/13 15:46	1
Dibromochloromethane	<1.0		1.0		ug/L			08/10/13 15:46	1
Dibromomethane	<5.0		5.0		ug/L			08/10/13 15:46	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/10/13 15:46	1
Ethylbenzene	<1.0		1.0		ug/L			08/10/13 15:46	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/10/13 15:46	1
Hexachlorobutadiene	<5.0		5.0		ug/L			08/10/13 15:46	1
Isopropylbenzene	<1.0		1.0		ug/L			08/10/13 15:46	1
Methyl tert-butyl ether	<1.0		1.0		ug/L			08/10/13 15:46	1
Methylene Chloride	<5.0		5.0		ug/L			08/10/13 15:46	1
m-Xylene & p-Xylene	<10		10		ug/L			08/10/13 15:46	1
Naphthalene	<1.0		1.0		ug/L			08/10/13 15:46	1
n-Butylbenzene	<1.0		1.0		ug/L			08/10/13 15:46	1
N-Propylbenzene	<1.0		1.0		ug/L			08/10/13 15:46	1
o-Xylene	<5.0		5.0		ug/L			08/10/13 15:46	1
p-Cymene	<1.0		1.0		ug/L			08/10/13 15:46	1

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TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-188304/4  
 Matrix: Water  
 Analysis Batch: 188304

Client Sample ID: Method Blank  
 Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
sec-Butylbenzene	<1.0		1.0		ug/L			08/10/13 15:46	1
Styrene	<1.0		1.0		ug/L			08/10/13 15:46	1
tert-Butylbenzene	<1.0		1.0		ug/L			08/10/13 15:46	1
Tetrachloroethene	<1.0		1.0		ug/L			08/10/13 15:46	1
Toluene	<1.0		1.0		ug/L			08/10/13 15:46	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/10/13 15:46	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			08/10/13 15:46	1
Trichloroethene	<1.0		1.0		ug/L			08/10/13 15:46	1
Trichlorofluoromethane	<1.0		1.0		ug/L			08/10/13 15:46	1
Vinyl chloride	<1.0		1.0		ug/L			08/10/13 15:46	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	105		78 - 118		08/10/13 15:46	1
Dibromofluoromethane	96		81 - 121		08/10/13 15:46	1
Toluene-d8 (Surr)	92		80 - 120		08/10/13 15:46	1

Lab Sample ID: LCS 400-188304/1000  
 Matrix: Water  
 Analysis Batch: 188304

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	50.0	51.4		ug/L		103	66 - 126
1,1,1-Trichloroethane	50.0	55.7		ug/L		111	66 - 130
1,1,2,2-Tetrachloroethane	50.0	50.5		ug/L		101	68 - 132
1,1,2-Trichloroethane	50.0	50.7		ug/L		101	81 - 117
1,1-Dichloroethane	50.0	57.0		ug/L		114	75 - 126
1,1-Dichloroethene	50.0	51.5		ug/L		103	50 - 134
1,2,3-Trichlorobenzene	50.0	46.3		ug/L		93	62 - 130
1,2,3-Trichloropropane	50.0	45.9		ug/L		92	72 - 125
1,2,4-Trichlorobenzene	50.0	46.3		ug/L		93	69 - 128
1,2,4-Trimethylbenzene	50.0	51.5		ug/L		103	77 - 127
1,2-Dichlorobenzene	50.0	47.1		ug/L		94	80 - 121
1,2-Dichloroethane	50.0	57.4		ug/L		115	69 - 128
1,2-Dichloropropane	50.0	57.9		ug/L		116	77 - 126
1,3,5-Trimethylbenzene	50.0	51.9		ug/L		104	82 - 119
1,3-Dichlorobenzene	50.0	47.2		ug/L		94	77 - 124
1,3-Dichloropropane	50.0	51.4		ug/L		103	77 - 120
1,4-Dichlorobenzene	50.0	47.4		ug/L		95	79 - 119
2,2-Dichloropropane	50.0	55.8		ug/L		112	52 - 135
2-Chlorotoluene	50.0	52.8		ug/L		106	75 - 126
4-Chlorotoluene	50.0	51.6		ug/L		103	81 - 125
Benzene	50.0	57.2		ug/L		114	79 - 120
Bromobenzene	50.0	46.0		ug/L		92	80 - 121
Bromochloromethane	50.0	53.2		ug/L		106	82 - 114
Bromodichloromethane	50.0	57.1		ug/L		114	75 - 127
Bromoform	50.0	41.1		ug/L		82	65 - 121
Bromomethane	50.0	36.4		ug/L		73	10 - 150
Carbon tetrachloride	50.0	52.7		ug/L		105	46 - 141

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-188304/1000  
Matrix: Water  
Analysis Batch: 188304

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA

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Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	50.0	49.4		ug/L		99	85 - 120
Chloroethane	50.0	43.4		ug/L		87	37 - 150
Chloroform	50.0	54.1		ug/L		108	73 - 122
Chloromethane	50.0	50.5		ug/L		101	49 - 141
cis-1,2-Dichloroethene	50.0	59.1		ug/L		118	78 - 122
cis-1,3-Dichloropropene	50.0	60.3		ug/L		121	70 - 122
Dibromochloromethane	50.0	45.4		ug/L		91	63 - 125
Dibromomethane	50.0	55.0		ug/L		110	78 - 117
Dichlorodifluoromethane	50.0	40.6		ug/L		81	27 - 144
Ethylbenzene	50.0	53.0		ug/L		106	82 - 120
Ethylene Dibromide	50.0	52.0		ug/L		104	82 - 119
Hexachlorobutadiene	50.0	46.5		ug/L		93	35 - 150
Isopropylbenzene	50.0	53.8		ug/L		108	76 - 118
Methyl tert-butyl ether	50.0	55.5		ug/L		111	70 - 124
Methylene Chloride	50.0	56.7		ug/L		113	70 - 130
m-Xylene & p-Xylene	50.0	53.1		ug/L		106	70 - 130
Naphthalene	50.0	50.0		ug/L		100	45 - 131
n-Butylbenzene	50.0	52.5		ug/L		105	76 - 138
N-Propylbenzene	50.0	53.6		ug/L		107	75 - 128
o-Xylene	50.0	53.5		ug/L		107	70 - 130
sec-Butylbenzene	50.0	52.6		ug/L		105	78 - 128
Styrene	50.0	52.8		ug/L		106	79 - 124
tert-Butylbenzene	50.0	51.5		ug/L		103	82 - 120
Tetrachloroethene	50.0	46.5		ug/L		93	76 - 124
Toluene	50.0	51.1		ug/L		102	81 - 120
trans-1,2-Dichloroethene	50.0	54.0		ug/L		108	70 - 126
trans-1,3-Dichloropropene	50.0	56.8		ug/L		114	64 - 120
Trichloroethene	50.0	55.1		ug/L		110	77 - 119
Trichlorofluoromethane	50.0	45.4		ug/L		91	28 - 150
Vinyl chloride	50.0	50.3		ug/L		101	60 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	106		78 - 118
Dibromofluoromethane	97		81 - 121
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: 400-78171-B-13 MS  
Matrix: Water  
Analysis Batch: 188304

Client Sample ID: Matrix Spike  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<1.0		50.0	46.0		ug/L		92	42 - 135
1,1,1-Trichloroethane	<1.0		50.0	52.3		ug/L		105	60 - 131
1,1,2,2-Tetrachloroethane	<1.0		50.0	49.5		ug/L		99	52 - 148
1,1,2-Trichloroethane	<5.0		50.0	49.9		ug/L		100	68 - 127
1,1-Dichloroethane	<1.0		50.0	57.5		ug/L		115	10 - 150
1,1-Dichloroethene	<1.0		50.0	53.0		ug/L		106	10 - 150
1,2,3-Trichlorobenzene	<1.0		50.0	43.1		ug/L		86	30 - 137

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-78171-B-13 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 188304

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	<5.0		50.0	45.1		ug/L		90	67 - 130
1,2,4-Trichlorobenzene	<1.0		50.0	43.1		ug/L		86	20 - 139
1,2,4-Trimethylbenzene	<1.0		50.0	49.4		ug/L		97	10 - 150
1,2-Dichlorobenzene	<1.0		50.0	45.4		ug/L		91	10 - 150
1,2-Dichloroethane	<1.0		50.0	58.2		ug/L		116	10 - 150
1,2-Dichloropropane	<1.0		50.0	57.2		ug/L		114	65 - 132
1,3,5-Trimethylbenzene	<1.0		50.0	49.3		ug/L		99	10 - 150
1,3-Dichlorobenzene	<1.0		50.0	44.8		ug/L		90	25 - 136
1,3-Dichloropropane	<1.0		50.0	50.2		ug/L		100	67 - 127
1,4-Dichlorobenzene	<1.0		50.0	44.2		ug/L		88	10 - 150
2,2-Dichloropropane	<1.0		50.0	52.6		ug/L		105	48 - 132
2-Chlorotoluene	<1.0		50.0	52.1		ug/L		104	10 - 150
4-Chlorotoluene	<1.0		50.0	49.6		ug/L		99	17 - 145
Benzene	<1.0		50.0	59.1		ug/L		118	10 - 150
Bromobenzene	<1.0		50.0	44.8		ug/L		90	38 - 135
Bromochloromethane	<1.0		50.0	53.1		ug/L		106	75 - 120
Bromodichloromethane	<1.0		50.0	53.4		ug/L		107	61 - 133
Bromoform	<5.0		50.0	33.5		ug/L		67	54 - 125
Bromomethane	<1.0		50.0	34.1		ug/L		68	10 - 150
Carbon tetrachloride	<1.0		50.0	46.8		ug/L		94	40 - 138
Chlorobenzene	<1.0		50.0	48.0		ug/L		96	10 - 150
Chloroethane	<1.0		50.0	42.3		ug/L		85	38 - 150
Chloroform	<1.0		50.0	53.9		ug/L		108	10 - 150
Chloromethane	<1.0		50.0	53.4		ug/L		107	26 - 150
cis-1,2-Dichloroethene	<1.0		50.0	56.8		ug/L		114	10 - 150
cis-1,3-Dichloropropene	<5.0		50.0	56.8		ug/L		114	52 - 130
Dibromochloromethane	<1.0		50.0	38.5		ug/L		77	50 - 130
Dibromomethane	<5.0		50.0	55.0		ug/L		110	69 - 123
Dichlorodifluoromethane	<1.0		50.0	43.5		ug/L		87	10 - 150
Ethylbenzene	<1.0		50.0	51.8		ug/L		104	10 - 150
Ethylene Dibromide	<1.0		50.0	48.8		ug/L		98	70 - 125
Hexachlorobutadiene	<5.0		50.0	45.9		ug/L		92	10 - 150
Isopropylbenzene	<1.0		50.0	51.9		ug/L		104	10 - 150
Methyl tert-butyl ether	<1.0		50.0	56.5		ug/L		113	10 - 150
Methylene Chloride	<5.0		50.0	57.3		ug/L		115	10 - 150
m-Xylene & p-Xylene	<1.0		50.0	51.9		ug/L		104	10 - 150
Naphthalene	<1.0		50.0	50.6		ug/L		101	10 - 150
n-Butylbenzene	<1.0		50.0	48.9		ug/L		98	10 - 150
N-Propylbenzene	<1.0		50.0	51.7		ug/L		103	10 - 150
o-Xylene	<5.0		50.0	51.4		ug/L		103	10 - 150
sec-Butylbenzene	<1.0		50.0	50.7		ug/L		101	10 - 150
Styrene	<1.0		50.0	47.5		ug/L		95	24 - 147
tert-Butylbenzene	<1.0		50.0	49.3		ug/L		99	10 - 150
Tetrachloroethene	<1.0		50.0	44.3		ug/L		89	10 - 150
Toluene	<1.0		50.0	49.9		ug/L		100	10 - 150
trans-1,2-Dichloroethene	<1.0		50.0	54.1		ug/L		108	66 - 126
trans-1,3-Dichloropropene	<5.0		50.0	51.1		ug/L		102	45 - 128
Trichloroethene	<1.0		50.0	53.8		ug/L		108	10 - 150

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-78171-B-13 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 188304

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichlorofluoromethane	<1.0		50.0	45.9		ug/L		92	29 - 144
Vinyl chloride	<1.0		50.0	50.7		ug/L		101	46 - 136

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene	107		78 - 118
Dibromofluoromethane	95		81 - 121
Toluene-d8 (Surr)	95		80 - 120

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Lab Sample ID: 400-78171-B-13 MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 188304

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<1.0		50.0	48.5		ug/L		97	42 - 135	5	23
1,1,1-Trichloroethane	<1.0		50.0	55.5		ug/L		111	60 - 131	6	20
1,1,2,2-Tetrachloroethane	<1.0		50.0	51.0		ug/L		102	52 - 148	3	20
1,1,2-Trichloroethane	<5.0		50.0	50.5		ug/L		101	68 - 127	1	19
1,1-Dichloroethane	<1.0		50.0	57.8		ug/L		116	10 - 150	1	18
1,1-Dichloroethene	<1.0		50.0	52.7		ug/L		105	10 - 150	0	19
1,2,3-Trichlorobenzene	<1.0		50.0	43.9		ug/L		88	30 - 137	2	44
1,2,3-Trichloropropane	<5.0		50.0	46.6		ug/L		93	67 - 130	3	22
1,2,4-Trichlorobenzene	<1.0		50.0	43.9		ug/L		88	20 - 139	2	44
1,2,4-Trimethylbenzene	<1.0		50.0	48.7		ug/L		97	10 - 150	1	54
1,2-Dichlorobenzene	<1.0		50.0	45.0		ug/L		90	10 - 150	1	38
1,2-Dichloroethane	<1.0		50.0	59.2		ug/L		118	10 - 150	2	19
1,2-Dichloropropane	<1.0		50.0	57.8		ug/L		116	65 - 132	1	18
1,3,5-Trimethylbenzene	<1.0		50.0	50.4		ug/L		101	10 - 150	2	53
1,3-Dichlorobenzene	<1.0		50.0	45.7		ug/L		91	25 - 136	2	44
1,3-Dichloropropane	<1.0		50.0	51.4		ug/L		103	67 - 127	2	20
1,4-Dichlorobenzene	<1.0		50.0	45.3		ug/L		91	10 - 150	3	45
2,2-Dichloropropane	<1.0		50.0	56.5		ug/L		113	46 - 132	7	20
2-Chlorotoluene	<1.0		50.0	52.9		ug/L		106	10 - 150	1	47
4-Chlorotoluene	<1.0		50.0	51.2		ug/L		102	17 - 145	3	51
Benzene	<1.0		50.0	57.9		ug/L		116	10 - 150	2	19
Bromobenzene	<1.0		50.0	46.8		ug/L		94	38 - 135	5	35
Bromochloromethane	<1.0		50.0	54.5		ug/L		109	75 - 120	3	17
Bromodichloromethane	<1.0		50.0	56.9		ug/L		114	61 - 133	6	19
Bromoform	<5.0		50.0	35.7		ug/L		71	54 - 125	6	19
Bromomethane	<1.0		50.0	36.0		ug/L		72	10 - 150	5	24
Carbon tetrachloride	<1.0		50.0	51.4		ug/L		103	40 - 138	9	21
Chlorobenzene	<1.0		50.0	48.5		ug/L		97	10 - 150	1	30
Chloroethane	<1.0		50.0	42.5		ug/L		85	38 - 150	0	23
Chloroform	<1.0		50.0	55.7		ug/L		111	10 - 150	3	18
Chloromethane	<1.0		50.0	55.3		ug/L		111	26 - 150	4	23
cis-1,2-Dichloroethene	<1.0		50.0	57.9		ug/L		116	10 - 150	2	20
cis-1,3-Dichloropropene	<5.0		50.0	59.6		ug/L		119	52 - 130	5	20
Dibromochloromethane	<1.0		50.0	41.3		ug/L		83	50 - 130	7	21
Dibromomethane	<5.0		50.0	55.5		ug/L		111	69 - 123	1	18

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-78171-B-13 MSD  
Matrix: Water  
Analysis Batch: 188304

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Dichlorodifluoromethane	<1.0		50.0	46.2		ug/L		92	10 - 150	6	23
Ethylbenzene	<1.0		50.0	52.2		ug/L		104	10 - 150	1	40
Ethylene Dibromide	<1.0		50.0	50.5		ug/L		101	70 - 125	4	21
Hexachlorobutadiene	<5.0		50.0	46.6		ug/L		93	10 - 150	1	92
Isopropylbenzene	<1.0		50.0	52.5		ug/L		105	10 - 150	1	46
Methyl tert-butyl ether	<1.0		50.0	58.2		ug/L		116	10 - 150	3	18
Methylene Chloride	<5.0		50.0	57.2		ug/L		114	10 - 150	0	18
m-Xylene & p-Xylene	<10		50.0	52.3		ug/L		105	10 - 150	1	43
Naphthalene	<1.0		50.0	51.5		ug/L		103	10 - 150	2	53
n-Butylbenzene	<1.0		50.0	49.3		ug/L		99	10 - 150	1	76
N-Propylbenzene	<1.0		50.0	52.6		ug/L		105	10 - 150	2	57
o-Xylene	<5.0		50.0	51.9		ug/L		104	10 - 150	1	39
sec-Butylbenzene	<1.0		50.0	51.7		ug/L		103	10 - 150	2	64
Styrene	<1.0		50.0	47.1		ug/L		94	24 - 147	1	40
tert-Butylbenzene	<1.0		50.0	50.5		ug/L		101	10 - 150	3	54
Tetrachloroethene	<1.0		50.0	44.3		ug/L		89	10 - 150	0	35
Toluene	<1.0		50.0	50.5		ug/L		101	10 - 150	1	26
trans-1,2-Dichloroethene	<1.0		50.0	54.7		ug/L		109	68 - 126	1	19
trans-1,3-Dichloropropene	<5.0		50.0	53.8		ug/L		108	45 - 128	5	20
Trichloroethene	<1.0		50.0	53.9		ug/L		108	10 - 150	0	22
Trichlorofluoromethane	<1.0		50.0	47.0		ug/L		94	29 - 144	2	20
Vinyl chloride	<1.0		50.0	52.2		ug/L		104	46 - 136	3	20
	<b>MSD MSD</b>										
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
4-Bromofluorobenzene	108		78 - 118								
Dibromofluoromethane	98		81 - 121								
Toluene-d8 (Surr)	95		80 - 120								

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### Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-187427/1-A  
Matrix: Water  
Analysis Batch: 187857

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 187427

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
1,2,4-Trichlorobenzene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
1,2-Dichlorobenzene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
1,2-Diphenylhydrazine	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
1,3-Dichlorobenzene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
1,4-Dichlorobenzene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
1-Methylnaphthalene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
2,4,5-Trichlorophenol	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
2,4,6-Trichlorophenol	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
2,4-Dichlorophenol	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
2,4-Dimethylphenol	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
2,4-Dinitrophenol	<30		30		ug/L		08/02/13 09:35	08/07/13 14:21	1
2,4-Dinitrotoluene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
2,6-Dinitrotoluene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-187427/1-A  
 Matrix: Water  
 Analysis Batch: 187857

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 187427

Analyte	Result	MB MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
2-Chlorophenol	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
2-Methylnaphthalene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
2-Methylphenol	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
2-Nitroaniline	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
2-Nitrophenol	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
3 & 4 Methylphenol	<20		20		ug/L		08/02/13 09:35	08/07/13 14:21	1
3,3'-Dichlorobenzidine	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
3-Nitroaniline	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
4,6-Dinitro-2-methylphenol	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
4-Bromophenyl phenyl ether	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
4-Chloro-3-methylphenol	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
4-Chloroaniline	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
4-Chlorophenyl phenyl ether	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
4-Nitroaniline	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
4-Nitrophenol	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Acenaphthene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Acenaphthylene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Anthracene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Benzidine	<50		50		ug/L		08/02/13 09:35	08/07/13 14:21	1
Benzo[a]anthracene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Benzo[a]pyrene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Benzo[b]fluoranthene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Benzo[g,h,i]perylene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Benzo[k]fluoranthene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Benzoic acid	<30		30		ug/L		08/02/13 09:35	08/07/13 14:21	1
Benzyl alcohol	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
bis(2-chloroisopropyl) ether	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Bis(2-chloroethoxy)methane	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Bis(2-chloroethyl)ether	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Bis(2-ethylhexyl) phthalate	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Butyl benzyl phthalate	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Chrysene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Dibenz(a,h)anthracene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Dibenzofuran	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Diethyl phthalate	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Dimethyl phthalate	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Di-n-butyl phthalate	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Di-n-octyl phthalate	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Fluoranthene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Fluorene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Hexachlorobenzene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Hexachlorobutadiene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Hexachlorocyclopentadiene	<20		20		ug/L		08/02/13 09:35	08/07/13 14:21	1
Hexachloroethane	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Indeno[1,2,3-cd]pyrene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Isophorone	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Naphthalene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1

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TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-187427/1-A  
Matrix: Water  
Analysis Batch: 187857

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 187427

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
N-Nitrosodimethylamine	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
N-Nitrosodi-n-butylamine	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
N-Nitrosodi-n-propylamine	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
N-Nitrosodiphenylamine	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Pentachlorophenol	<20		20		ug/L		08/02/13 09:35	08/07/13 14:21	1
Phenanthrene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Phenol	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Pyrene	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1
Pyridine	<10		10		ug/L		08/02/13 09:35	08/07/13 14:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	92		15 - 135	08/02/13 09:35	08/07/13 14:21	1
2-Fluorobiphenyl	89		34 - 113	08/02/13 09:35	08/07/13 14:21	1
2-Fluorophenol (Surr)	69		10 - 104	08/02/13 09:35	08/07/13 14:21	1
Nitrobenzene-d5 (Surr)	80		27 - 110	08/02/13 09:35	08/07/13 14:21	1
Phenol-d5 (Surr)	75		10 - 110	08/02/13 09:35	08/07/13 14:21	1
Terphenyl-d14 (Surr)	83		53 - 125	08/02/13 09:35	08/07/13 14:21	1

Lab Sample ID: LCS 400-187427/2-A  
Matrix: Water  
Analysis Batch: 187857

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 187427

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	50.0	40.5		ug/L		81	57 - 120
1,2-Dichlorobenzene	50.0	35.9		ug/L		72	53 - 120
1,3-Dichlorobenzene	50.0	36.6		ug/L		73	51 - 120
1,4-Dichlorobenzene	50.0	38.2		ug/L		72	51 - 120
1-Methylnaphthalene	50.0	40.1		ug/L		80	59 - 120
2,4,5-Trichlorophenol	50.0	41.1		ug/L		82	53 - 130
2,4,6-Trichlorophenol	50.0	40.9		ug/L		82	52 - 131
2,4-Dichlorophenol	50.0	37.4		ug/L		75	52 - 125
2,4-Dimethylphenol	50.0	40.7		ug/L		81	52 - 121
2,4-Dinitrophenol	100	76.5		ug/L		77	22 - 146
2,4-Dinitrotoluene	50.0	39.9		ug/L		80	54 - 141
2,6-Dinitrotoluene	50.0	38.5		ug/L		77	61 - 130
2-Chloronaphthalene	50.0	40.2		ug/L		80	24 - 150
2-Chlorophenol	50.0	33.3		ug/L		67	45 - 120
2-Methylnaphthalene	50.0	39.1		ug/L		78	58 - 123
2-Methylphenol	50.0	32.5		ug/L		65	38 - 121
2-Nitroaniline	50.0	35.9		ug/L		72	52 - 135
2-Nitrophenol	50.0	31.8		ug/L		64	47 - 129
3 & 4 Methylphenol	50.0	32.0		ug/L		64	43 - 126
3-Nitroaniline	50.0	34.7		ug/L		69	51 - 128
4,6-Dinitro-2-methylphenol	100	81.1		ug/L		81	46 - 136
4-Bromophenyl phenyl ether	50.0	40.8		ug/L		82	62 - 132
4-Chloro-3-methylphenol	50.0	38.7		ug/L		77	47 - 135
4-Chloroaniline	50.0	40.5		ug/L		81	32 - 128

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-187427/2-A  
 Matrix: Water  
 Analysis Batch: 187857

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 187427



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Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorophenyl phenyl ether	50.0	43.9		ug/L		88	61 - 133
4-Nitroaniline	50.0	42.9		ug/L		86	38 - 141
4-Nitrophenol	100	79.4		ug/L		79	34 - 137
Acenaphthene	50.0	40.0		ug/L		80	57 - 125
Acenaphthylene	50.0	41.8		ug/L		84	59 - 125
Anthracene	50.0	43.6		ug/L		87	65 - 128
Benzo[a]anthracene	50.0	44.2		ug/L		88	63 - 126
Benzo[a]pyrene	50.0	44.2		ug/L		88	61 - 125
Benzo[b]fluoranthene	50.0	41.7		ug/L		83	49 - 140
Benzo[g,h,i]perylene	50.0	52.3		ug/L		105	51 - 149
Benzo[k]fluoranthene	50.0	42.3		ug/L		85	56 - 138
Benzyl alcohol	50.0	33.3		ug/L		67	51 - 121
bis (2-chloroisopropyl) ether	50.0	26.9		ug/L		54	20 - 142
Bis(2-chloroethoxy)methane	50.0	37.3		ug/L		75	54 - 123
Bis(2-chloroethyl)ether	50.0	34.5		ug/L		69	47 - 120
Bis(2-ethylhexyl) phthalate	50.0	44.1		ug/L		88	62 - 140
Butyl benzyl phthalate	50.0	45.4		ug/L		91	51 - 150
Chrysene	50.0	46.0		ug/L		92	60 - 126
D,benz(a,h)anthracene	50.0	50.6		ug/L		101	57 - 133
Dibenzofuran	50.0	40.3		ug/L		81	62 - 124
Diethyl phthalate	50.0	42.8		ug/L		86	55 - 140
Dimethyl phthalate	50.0	42.3		ug/L		85	50 - 133
Di-n-butyl phthalate	50.0	43.5		ug/L		87	59 - 144
Di-n-octyl phthalate	50.0	47.8		ug/L		96	55 - 140
Fluoranthene	50.0	46.9		ug/L		94	66 - 131
Fluorene	50.0	41.4		ug/L		83	60 - 132
Hexachlorobenzene	50.0	43.7		ug/L		87	60 - 138
Hexachlorobutadiene	50.0	42.5		ug/L		85	48 - 126
Hexachlorocyclopentadiene	50.0	35.1		ug/L		70	19 - 139
Hexachloroethane	50.0	33.1		ug/L		66	46 - 121
Indeno[1,2,3-cd]pyrene	50.0	51.1		ug/L		102	55 - 135
Isophorone	50.0	37.5		ug/L		75	57 - 122
Naphthalene	50.0	40.2		ug/L		80	55 - 125
Nitrobenzene	50.0	35.4		ug/L		71	52 - 128
N-Nitrosodimethylamine	50.0	31.3		ug/L		63	21 - 134
N-Nitrosodi-n-propylamine	50.0	28.2		ug/L		56	41 - 143
N-Nitrosodiphenylamine	58.6	48.6		ug/L		83	10 - 186
Pentachlorophenol	100	79.6		ug/L		80	38 - 138
Phenanthrene	50.0	43.6		ug/L		87	64 - 133
Phenol	50.0	28.4		ug/L		57	37 - 120
Pyrene	50.0	45.2		ug/L		90	55 - 142
Pyridine	50.0	25.4		ug/L		51	10 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	88		15 - 135
2-Fluorobiphenyl	82		34 - 113
2-Fluorophenol (Surr)	61		10 - 104
Nitrobenzene-d5 (Surr)	71		27 - 110

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-187427/2-A  
 Matrix: Water  
 Analysis Batch: 187857

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 187427

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Phenol-d5 (Surr)	58		10 - 110
Terphenyl-d14 (Surr)	90		53 - 125

Lab Sample ID: LCSD 400-187427/3-A  
 Matrix: Water  
 Analysis Batch: 187857

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 187427

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	
							Limits	RPD	Limit	Limit
1,2,4-Trichlorobenzene	50.0	37.7		ug/L		75	57 - 120	7	30	
1,2-Dichlorobenzene	50.0	34.1		ug/L		68	53 - 120	5	30	
1,3-Dichlorobenzene	50.0	33.3		ug/L		67	51 - 120	9	30	
1,4-Dichlorobenzene	50.0	33.8		ug/L		68	51 - 120	7	30	
1-Methylnaphthalene	50.0	38.4		ug/L		77	59 - 120	4	30	
2,4,5-Trichlorophenol	50.0	39.4		ug/L		79	53 - 130	4	30	
2,4,6-Trichlorophenol	50.0	40.0		ug/L		80	52 - 131	2	30	
2,4-Dichlorophenol	50.0	36.7		ug/L		73	52 - 125	2	30	
2,4-Dimethylphenol	50.0	38.3		ug/L		77	52 - 121	6	30	
2,4-Dinitrophenol	100	79.7		ug/L		80	22 - 146	4	30	
2,4-Dinitrotoluene	50.0	38.1		ug/L		76	54 - 141	5	30	
2,6-Dinitrotoluene	50.0	37.7		ug/L		75	61 - 130	2	30	
2-Chloronaphthalene	50.0	36.8		ug/L		74	24 - 150	9	30	
2-Chlorophenol	50.0	32.0		ug/L		64	45 - 120	4	30	
2-Methylnaphthalene	50.0	39.0		ug/L		78	58 - 123	0	30	
2-Methylphenol	50.0	31.0		ug/L		62	38 - 121	5	30	
2-Nitroaniline	50.0	35.1		ug/L		70	52 - 135	2	30	
2-Nitrophenol	50.0	35.4		ug/L		71	47 - 129	10	30	
3 & 4 Methylphenol	50.0	33.7		ug/L		67	43 - 126	5	30	
3-Nitroaniline	50.0	32.5		ug/L		65	51 - 128	7	30	
4,6-Dinitro-2-methylphenol	100	77.6		ug/L		78	46 - 136	4	30	
4-Bromophenyl phenyl ether	50.0	37.5		ug/L		75	62 - 132	8	30	
4-Chloro-3-methylphenol	50.0	38.9		ug/L		78	47 - 135	0	30	
4-Chloroaniline	50.0	40.4		ug/L		81	32 - 128	0	30	
4-Chlorophenyl phenyl ether	50.0	41.7		ug/L		83	61 - 133	5	30	
4-Nitroaniline	50.0	39.5		ug/L		79	38 - 141	8	30	
4-Nitrophenol	100	72.8		ug/L		73	34 - 137	9	30	
Acenaphthene	50.0	37.7		ug/L		75	57 - 125	6	30	
Acenaphthylene	50.0	39.7		ug/L		79	59 - 125	5	30	
Anthracene	50.0	37.1		ug/L		74	65 - 128	16	30	
Benzo[a]anthracene	50.0	41.3		ug/L		83	63 - 126	7	30	
Benzo[a]pyrene	50.0	39.0		ug/L		78	61 - 125	12	30	
Benzo[b]fluoranthene	50.0	35.1		ug/L		70	49 - 140	17	30	
Benzo[g,h,i]perylene	50.0	48.8		ug/L		98	51 - 149	7	30	
Benzo[k]fluoranthene	50.0	36.9		ug/L		74	56 - 138	14	30	
Benzyl alcohol	50.0	34.7		ug/L		69	51 - 121	4	30	
bis (2-chloroisopropyl) ether	50.0	26.1		ug/L		52	20 - 142	3	30	
Bis(2-chloroethoxy)methane	50.0	35.4		ug/L		71	54 - 123	5	30	
Bis(2-chloroethyl)ether	50.0	34.0		ug/L		68	47 - 120	2	30	
Bis(2-ethylhexyl) phthalate	50.0	40.8		ug/L		82	62 - 140	8	30	

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 400-187427/3-A  
Matrix: Water  
Analysis Batch: 187857

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 187427

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Butyl benzyl phthalate	50.0	39.9		ug/L		80	51 - 150	13	30	
Chrysene	50.0	42.0		ug/L		84	60 - 126	9	30	
Dibenz(a,h)anthracene	50.0	47.1		ug/L		94	57 - 133	7	30	
Dibenzofuran	50.0	39.3		ug/L		79	62 - 124	2	30	
Diethyl phthalate	50.0	39.7		ug/L		79	55 - 140	8	30	
Dimethyl phthalate	50.0	39.8		ug/L		80	50 - 133	6	30	
Di-n-butyl phthalate	50.0	38.0		ug/L		76	59 - 144	13	30	
Di-n-octyl phthalate	50.0	45.1		ug/L		90	55 - 140	6	30	
Fluoranthene	50.0	41.9		ug/L		84	66 - 131	11	30	
Fluorene	50.0	40.7		ug/L		81	60 - 132	2	30	
Hexachlorobenzene	50.0	41.2		ug/L		82	60 - 138	6	30	
Hexachlorobutadiene	50.0	38.5		ug/L		77	48 - 126	10	30	
Hexachlorocyclopentadiene	50.0	37.0		ug/L		74	19 - 139	5	30	
Hexachloroethane	50.0	31.8		ug/L		64	46 - 121	4	30	
Indeno[1,2,3-cd]pyrene	50.0	48.1		ug/L		96	55 - 135	6	30	
Isophorone	50.0	37.5		ug/L		75	57 - 122	0	30	
Naphthalene	50.0	38.9		ug/L		78	55 - 125	3	30	
Nitrobenzene	50.0	32.5		ug/L		65	52 - 128	9	30	
N-Nitrosodimethylamine	50.0	28.3		ug/L		57	21 - 134	10	30	
N-Nitrosodi-n-propylamine	50.0	30.4		ug/L		61	41 - 143	8	30	
N-Nitrosodiphenylamine	58.6	44.6		ug/L		76	10 - 185	9	30	
Pentachlorophenol	100	74.1		ug/L		74	38 - 138	7	30	
Phenanthrene	50.0	39.9		ug/L		80	64 - 133	9	30	
Phenol	50.0	29.4		ug/L		59	37 - 120	4	30	
Pyrene	50.0	43.1		ug/L		86	55 - 142	5	30	
Pyridine	50.0	23.6		ug/L		47	10 - 127	8	30	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	81		15 - 135
2-Fluorobiphenyl	77		34 - 113
2-Fluorophenol (Surr)	53		10 - 104
Nitrobenzene-d5 (Surr)	65		27 - 110
Phenol-d5 (Surr)	60		10 - 110
Terphenyl-d14 (Surr)	75		53 - 125

Lab Sample ID: 400-78005-B-1-E MS  
Matrix: Water  
Analysis Batch: 187857

Client Sample ID: Matrix Spike  
Prep Type: TCLP  
Prep Batch: 187427

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec.	
				Result	Qualifier				Limits	RPD
1,2,4-Trichlorobenzene	<40		200	199		ug/L		99	39 - 101	
1,2-Dichlorobenzene	<40		200	177		ug/L		89	38 - 91	
1,3-Dichlorobenzene	<40		200	169		ug/L		85	35 - 90	
1,4-Dichlorobenzene	<40		200	169		ug/L		85	36 - 89	
1-Methylnaphthalene	120		200	273		ug/L		77	31 - 124	
2,4,5-Trichlorophenol	<40		200	186		ug/L		93	34 - 96	
2,4,6-Trichlorophenol	<40		200	193		ug/L		96	33 - 97	
2,4-Dichlorophenol	<40		200	194	F	ug/L		97	31 - 95	

TestAmerica Pensacola

# QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-78005-B-1-E MS

Matrix: Water

Analysis Batch: 187857

Client Sample ID: Matrix Spike

Prep Type: TCLP

Prep Batch: 187427

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
2,4-Dimethylphenol	<40		200	201	F	ug/L		101	21 - 99
2,4-Dinitrophenol	<120		400	362		ug/L		91	15 - 140
2,4-Dinitrotoluene	<40		200	173		ug/L		87	53 - 111
2,6-Dinitrotoluene	<40		200	170		ug/L		85	43 - 118
2-Chloronaphthalene	<40		200	182		ug/L		91	39 - 93
2-Chlorophenol	<40		200	163		ug/L		82	25 - 92
2-Methylnaphthalene	130		200	267		ug/L		71	13 - 133
2-Methylphenol	<40		200	157		ug/L		78	28 - 93
2-Nitroaniline	<40		200	156		ug/L		78	45 - 115
2-Nitrophenol	<40		200	172		ug/L		88	33 - 95
3 & 4 Methylphenol	<80		200	160		ug/L		80	31 - 93
3-Nitroaniline	<40		200	158		ug/L		79	10 - 130
4,6-Dinitro-2-methylphenol	<40		400	378		ug/L		95	25 - 118
4-Bromophenyl phenyl ether	<40		200	192		ug/L		96	40 - 119
4-Chloro-3-methylphenol	<40		200	181		ug/L		91	34 - 98
4-Chloroaniline	<40		200	189		ug/L		95	10 - 105
4-Chlorophenyl phenyl ether	<40		200	204		ug/L		102	44 - 118
4-Nitroaniline	<40		200	198		ug/L		99	10 - 132
4-Nitrophenol	<40		400	404		ug/L		101	10 - 118
Acenaphthene	<40		200	184		ug/L		91	47 - 109
Acenaphthylene	<40		200	182		ug/L		91	36 - 118
Anthracene	<40		200	180		ug/L		90	45 - 118
Benzo[a]anthracene	<40		200	190		ug/L		95	33 - 118
Benzo[a]pyrene	<40		200	191		ug/L		96	26 - 103
Benzo[b]fluoranthene	<40		200	167		ug/L		84	29 - 104
Benzo[g,h,i]perylene	<40		200	249		ug/L		125	18 - 128
Benzo[k]fluoranthene	<40		200	176		ug/L		88	33 - 121
Benzyl alcohol	<40		200	173		ug/L		87	33 - 108
bis (2-chloroisopropyl) ether	<40		200	130		ug/L		65	28 - 116
Bis(2-chloroethoxy)methane	<40		200	180		ug/L		90	26 - 116
Bis(2-chloroethyl)ether	<40		200	163		ug/L		82	42 - 104
Bis(2-ethylhexyl) phthalate	<40		200	191		ug/L		95	39 - 114
Butyl benzyl phthalate	<40		200	202		ug/L		101	45 - 112
Chrysene	<40		200	198		ug/L		99	33 - 115
Dibenz(a,h)anthracene	<40		200	224		ug/L		112	20 - 121
Dibenzofuran	<40		200	180		ug/L		88	25 - 130
Diethyl phthalate	<40		200	189		ug/L		94	46 - 106
Dimethyl phthalate	<40		200	188		ug/L		94	38 - 99
Di-n-butyl phthalate	<40		200	178		ug/L		89	49 - 120
Di-n-octyl phthalate	<40		200	213		ug/L		107	35 - 121
Fluoranthene	<40		200	198		ug/L		99	43 - 126
Fluorene	<40		200	195		ug/L		95	46 - 117
Hexachlorobenzene	<40		200	193		ug/L		96	38 - 122
Hexachlorobutadiene	<40		200	209		ug/L		104	30 - 107
Hexachlorocyclopentadiene	<80		200	156		ug/L		78	10 - 109
Hexachloroethane	<40		200	171		ug/L		85	10 - 150
Indeno[1,2,3-cd]pyrene	<40		200	225		ug/L		113	18 - 128
Isophorone	<40		200	179		ug/L		90	42 - 119

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-78005-B-1-E MS  
Matrix: Water  
Analysis Batch: 187857

Client Sample ID: Matrix Spike  
Prep Type: TCLP  
Prep Batch: 187427

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	55		200	225		ug/L		85	10 - 146
Nitrobenzene	<40		200	165		ug/L		82	39 - 111
N-Nitrosodimethylamine	<40		200	145		ug/L		72	10 - 139
N-Nitrosodl-n-propylamine	<40		200	145		ug/L		73	37 - 124
N-Nitrosodiphenylamine	<40		234	214		ug/L		91	10 - 150
Pentachlorophenol	<80		400	372		ug/L		93	29 - 130
Phenanthrene	<40		200	196		ug/L		97	44 - 125
Phenol	<40		200	134		ug/L		67	10 - 150
Pyrene	<40		200	197		ug/L		98	40 - 116
Pyridine	<40		200	103		ug/L		52	10 - 111

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	100		15 - 135
2-Fluorobiphenyl	85		34 - 113
2-Fluorophenol (Surr)	71		10 - 104
Nitrobenzene-d5 (Surr)	82		27 - 110
Phenol-d5 (Surr)	69		10 - 110
Terphenyl-d14 (Surr)	87		53 - 125

Lab Sample ID: 400-78005-B-1-F MSD  
Matrix: Water  
Analysis Batch: 187857

Client Sample ID: Matrix Spike Duplicate  
Prep Type: TCLP  
Prep Batch: 187427

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	<40		200	167		ug/L		84	39 - 101	17	32
1,2-Dichlorobenzene	<40		200	145		ug/L		72	38 - 91	20	34
1,3-Dichlorobenzene	<40		200	146		ug/L		73	35 - 90	14	37
1,4-Dichlorobenzene	<40		200	142		ug/L		71	36 - 89	17	36
1-Methylnaphthalene	120		200	229		ug/L		55	31 - 124	17	31
2,4,5-Trichlorophenol	<40		200	172		ug/L		86	34 - 96	8	42
2,4,6-Trichlorophenol	<40		200	166		ug/L		83	33 - 97	15	44
2,4-Dichlorophenol	<40		200	171		ug/L		85	31 - 95	13	43
2,4-Dimethylphenol	<40		200	172		ug/L		86	21 - 99	15	47
2,4-Dinitrophenol	<120		400	301		ug/L		75	15 - 140	18	36
2,4-Dinitrotoluene	<40		200	161		ug/L		81	53 - 111	7	28
2,6-Dinitrotoluene	<40		200	164		ug/L		82	43 - 118	4	28
2-Chloronaphthalene	<40		200	156		ug/L		78	39 - 93	16	29
2-Chlorophenol	<40		200	149		ug/L		74	25 - 92	9	42
2-Methylnaphthalene	130		200	230		ug/L		52	13 - 133	15	30
2-Methylphenol	<40		200	148		ug/L		74	28 - 93	6	47
2-Nitroaniline	<40		200	140		ug/L		70	45 - 115	11	33
2-Nitrophenol	<40		200	146		ug/L		73	33 - 95	16	43
3 & 4 Methylphenol	<80		200	155		ug/L		78	31 - 93	3	47
3-Nitroaniline	<40		200	148		ug/L		74	10 - 130	7	39
4,6-Dinitro-2-methylphenol	<40		400	318		ug/L		80	25 - 118	17	42
4-Bromophenyl phenyl ether	<40		200	186		ug/L		93	40 - 119	3	30
4-Chloro-3-methylphenol	<40		200	173		ug/L		87	34 - 98	4	40
4-Chloroaniline	<40		200	170		ug/L		85	10 - 105	11	94

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-78005-B-1-F MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: TCLP

Analysis Batch: 187857

Prep Batch: 187427

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
4-Chlorophenyl phenyl ether	<40		200	187		ug/L		93	44 - 118	9	27
4-Nitroaniline	<40		200	160		ug/L		80	10 - 132	21	50
4-Nitrophenol	<40		400	372		ug/L		93	10 - 118	8	82
Acenaphthene	<40		200	172		ug/L		85	47 - 109	7	28
Acenaphthylene	<40		200	166		ug/L		83	36 - 118	10	28
Anthracene	<40		200	178		ug/L		89	45 - 118	1	32
Benzo[a]anthracene	<40		200	181		ug/L		91	33 - 118	5	32
Benzo[a]pyrene	<40		200	178		ug/L		89	26 - 103	7	34
Benzo[b]fluoranthene	<40		200	161		ug/L		81	29 - 104	4	35
Benzo[g,h,i]perylene	<40		200	216		ug/L		108	18 - 128	14	34
Benzo[k]fluoranthene	<40		200	169		ug/L		84	33 - 121	4	33
Benzyl alcohol	<40		200	162		ug/L		81	33 - 108	7	37
bis (2-chloroisopropyl) ether	<40		200	114		ug/L		57	28 - 116	14	41
Bis(2-chloroethoxy)methane	<40		200	155		ug/L		78	26 - 116	15	70
Bis(2-chloroethyl)ether	<40		200	143		ug/L		71	42 - 104	13	42
Bis(2-ethylhexyl) phthalate	<40		200	188		ug/L		94	39 - 114	2	35
Butyl benzyl phthalate	<40		200	190		ug/L		95	45 - 112	6	32
Chrysene	<40		200	187		ug/L		93	33 - 115	6	34
Dibenz(a,h)anthracene	<40		200	209		ug/L		105	20 - 121	7	36
Dibenzofuran	<40		200	168		ug/L		82	25 - 130	7	29
Diethyl phthalate	<40		200	172		ug/L		86	46 - 106	9	40
Dimethyl phthalate	<40		200	175		ug/L		88	38 - 99	7	36
Di-n-butyl phthalate	<40		200	173		ug/L		86	49 - 120	3	32
Di-n-octyl phthalate	<40		200	201		ug/L		100	35 - 121	6	35
Fluoranthene	<40		200	188		ug/L		94	43 - 126	5	31
Fluorene	<40		200	179		ug/L		87	46 - 117	8	26
Hexachlorobenzene	<40		200	191		ug/L		96	38 - 122	1	33
Hexachlorobutadiene	<40		200	174		ug/L		87	30 - 107	18	36
Hexachlorocyclopentadiene	<80		200	89.2	F	ug/L		45	10 - 109	55	50
Hexachloroethane	<40		200	141		ug/L		70	10 - 150	19	41
Indeno[1,2,3-cd]pyrene	<40		200	209		ug/L		104	18 - 128	8	34
Isophorone	<40		200	145		ug/L		73	42 - 119	21	33
Naphthalene	55		200	204		ug/L		75	10 - 146	10	31
Nitrobenzene	<40		200	140		ug/L		70	39 - 111	16	35
N-Nitrosodimethylamine	<40		200	123		ug/L		61	10 - 139	17	62
N-Nitrosodi-n-propylamine	<40		200	133		ug/L		66	37 - 124	9	36
N-Nitrosodiphenylamine	<40		234	207		ug/L		88	10 - 150	3	34
Pentachlorophenol	<80		400	320		ug/L		80	29 - 130	15	42
Phenanthrene	<40		200	191		ug/L		95	44 - 125	3	29
Phenol	<40		200	142		ug/L		71	10 - 150	6	52
Pyrene	<40		200	188		ug/L		94	40 - 116	4	31
Pyridine	<40		200	106		ug/L		53	10 - 111	3	55

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	89		15 - 135
2-Fluorobiphenyl	80		34 - 113
2-Fluorophenol (Surr)	61		10 - 104
Nitrobenzene-d5 (Surr)	69		27 - 110

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-78005-B-1-F MSD

Matrix: Water

Analysis Batch: 187857

Client Sample ID: Matrix Spike Duplicate

Prep Type: TCLP

Prep Batch: 187427

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
Phenol-d5 (Surr)	67		10 - 110
Terphenyl-d14 (Surr)	86		53 - 125

### Method: 8015C - GRO by 8015C

Lab Sample ID: MB 400-187658/1-A

Matrix: Solid

Analysis Batch: 187743

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 187658

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO) C6-C10	<5.0		5.0		mg/Kg		08/05/13 13:50	08/05/13 20:53	50

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
a,a,a-Trifluorotoluene (fid)	86		65 - 125	08/05/13 13:50	08/05/13 20:53	50

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Lab Sample ID: LCS 400-187658/2-A

Matrix: Solid

Analysis Batch: 187743

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 187658

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
a,a,a-Trifluorotoluene (fid)	88		65 - 125

Lab Sample ID: 400-78075-B-1-E MS

Matrix: Solid

Analysis Batch: 187743

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 187658

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
a,a,a-Trifluorotoluene (fid)	90		65 - 125

Lab Sample ID: 400-78075-B-1-E MSD

Matrix: Solid

Analysis Batch: 187743

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 187658

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	
										RPD	Limit
Gasoline Range Organics (GRO) C6-C10	<5.8		58.4	57.3		mg/Kg	Q	92	10 - 150	2	32

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# QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

## Method: 8015C - GRO by 8015C (Continued)

Lab Sample ID: 400-78075-B-1-E MSD Client Sample ID: Matrix Spike Duplicate  
 Matrix: Solid Prep Type: Total/NA  
 Analysis Batch: 187743 Prep Batch: 187658

Surrogate	MSD		Limits
	%Recovery	Qualifier	
a,a,a-Trifluorotoluene (fid)	88		65 - 125

Lab Sample ID: MB 400-188216/1-A Client Sample ID: Method Blank  
 Matrix: Solid Prep Type: Total/NA  
 Analysis Batch: 188215 Prep Batch: 188216

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO) C6-C10	<5.0		5.0		mg/Kg		08/08/13 10:00	08/09/13 16:01	50

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
a,a,a-Trifluorotoluene (fid)	95		65 - 125	08/08/13 10:00	08/09/13 16:01	50

Lab Sample ID: LCS 400-188216/2-A Client Sample ID: Lab Control Sample  
 Matrix: Solid Prep Type: Total/NA  
 Analysis Batch: 188215 Prep Batch: 188216

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Gasoline Range Organics (GRO) C6-C10	50.0	49.8		mg/Kg		100	62 - 141

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
a,a,a-Trifluorotoluene (fid)	98		65 - 125

Lab Sample ID: 400-78233-A-9-E MS Client Sample ID: Matrix Spike  
 Matrix: Solid Prep Type: Total/NA  
 Analysis Batch: 188215 Prep Batch: 188216

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
Gasoline Range Organics (GRO) C6-C10	65		52.7	106		mg/Kg	77	10 - 150	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
a,a,a-Trifluorotoluene (fid)	92		65 - 125

Lab Sample ID: 400-78233-A-9-F MSD Client Sample ID: Matrix Spike Duplicate  
 Matrix: Solid Prep Type: Total/NA  
 Analysis Batch: 188215 Prep Batch: 188216

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec. Limits	RPD	Limit
				Result	Qualifier						
Gasoline Range Organics (GRO) C6-C10	65		52.7	110		mg/Kg	85	10 - 150	4	32	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
a,a,a-Trifluorotoluene (fid)	93		65 - 125

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 400-187283/1-A  
 Matrix: Water  
 Analysis Batch: 187491

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 187283

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Ethylene Dibromide	<0.020		0.020		ug/L		08/01/13 09:09	08/02/13 11:07	1
1,2-Dibromo-3-Chloropropane	<0.030		0.030		ug/L		08/01/13 09:09	08/02/13 11:07	1
Surrogate	MB MB		Limits			Prepared	Analyzed	Dil Fac	
	%Recovery	Qualifier							
4-Bromofluorobenzene	120		51 - 149			08/01/13 09:09	08/02/13 11:07	1	

Lab Sample ID: LCS 400-187283/2-A  
 Matrix: Water  
 Analysis Batch: 187491

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 187283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	RPD
Ethylene Dibromide	0.0998	0.0759		ug/L		76	60 - 140	
1,2-Dibromo-3-Chloropropane	0.0998	0.0857		ug/L		86	60 - 140	
Surrogate	LCS LCS		Limits			%Rec	Limits	RPD
	%Recovery	Qualifier						
4-Bromofluorobenzene	92		51 - 149					

Lab Sample ID: LCSD 400-187283/3-A  
 Matrix: Water  
 Analysis Batch: 187491

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 187283

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	
							Limits	RPD	Limits	RPD
Ethylene Dibromide	0.0999	0.0810		ug/L		81	60 - 140	7	30	
1,2-Dibromo-3-Chloropropane	0.0999	0.0992		ug/L		99	60 - 140	15	30	
Surrogate	LCSD LCSD		Limits			%Rec	Limits	RPD	Limit	
	%Recovery	Qualifier								
4-Bromofluorobenzene	95		51 - 149							

### Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Lab Sample ID: MB 400-187335/1-A  
 Matrix: Solid  
 Analysis Batch: 187475

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 187335

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics [C10-C28]	<5.0		5.0		mg/Kg		08/01/13 13:21	08/02/13 22:05	1
Surrogate	MB MB		Limits			Prepared	Analyzed	Dil Fac	
	%Recovery	Qualifier							
o-Terphenyl (Surr)	67		30 - 118			08/01/13 13:21	08/02/13 22:05	1	

Lab Sample ID: LCS 400-187335/2-A  
 Matrix: Solid  
 Analysis Batch: 187475

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 187335

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	RPD
Diesel Range Organics [C10-C28]	334	259		mg/Kg		78	61 - 136	

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

**Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**  
**(Continued)**

Lab Sample ID: LCS 400-187335/2-A  
 Matrix: Solid  
 Analysis Batch: 187475

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 187335

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl (Surr)	66		30 - 118

Lab Sample ID: 400-78094-6 MS  
 Matrix: Solid  
 Analysis Batch: 187475

Client Sample ID: MW-6 (6-8')  
 Prep Type: Total/NA  
 Prep Batch: 187335

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Diesel Range Organics [C10-C28]	27		395	306		mg/Kg	α	70	10 - 150	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl (Surr)	49		30 - 118

Lab Sample ID: 400-78094-6 MSD  
 Matrix: Solid  
 Analysis Batch: 187475

Client Sample ID: MW-6 (6-8')  
 Prep Type: Total/NA  
 Prep Batch: 187335

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						Limit	
Diesel Range Organics [C10-C28]	27		396	286		mg/Kg	α	65	10 - 150	7	40	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl (Surr)	54		30 - 118

TestAmerica Pensacola

## Lab Chronicle

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

**Client Sample ID: MW-1 (4-6')**

Date Collected: 07/29/13 10:45

Date Received: 07/31/13 09:21

**Lab Sample ID: 400-78094-1**

Matrix: Solid

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.09 g	5.0 g	187447	08/06/13 10:00	ABF	TAL PEN
Total/NA	Analysis	8015C		200			188037	08/08/13 09:19	GRK	TAL PEN
Total/NA	Prep	3550C			30.11 g	5.0 mL	187335	08/01/13 13:21	BNG	TAL PEN
Total/NA	Analysis	8015C		1			187475	08/03/13 00:07	IDR	TAL PEN
Total/NA	Analysis	Moisture		1			187676	08/05/13 15:50	LEC	TAL PEN

**Client Sample ID: MW-2 (4-6')**

Date Collected: 07/29/13 11:45

Date Received: 07/31/13 09:21

**Lab Sample ID: 400-78094-2**

Matrix: Solid

Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.07 g	5.0 g	187447	08/06/13 10:00	ABF	TAL PEN
Total/NA	Analysis	8015C		500			188037	08/08/13 09:49	GRK	TAL PEN
Total/NA	Prep	3550C			30.05 g	5.0 mL	187335	08/01/13 13:21	BNG	TAL PEN
Total/NA	Analysis	8015C		1			187475	08/03/13 00:18	IDR	TAL PEN
Total/NA	Analysis	Moisture		1			187676	08/05/13 15:50	LEC	TAL PEN

**Client Sample ID: MW-3 (6-8')**

Date Collected: 07/29/13 12:45

Date Received: 07/31/13 09:21

**Lab Sample ID: 400-78094-3**

Matrix: Solid

Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.89 g	5.0 g	187658	08/06/13 10:00	GRK	TAL PEN
Total/NA	Analysis	8015C		200			187743	08/07/13 08:09	GRK	TAL PEN
Total/NA	Prep	3550C			30.11 g	5.0 mL	187335	08/01/13 13:21	BNG	TAL PEN
Total/NA	Analysis	8015C		1			187475	08/03/13 00:28	IDR	TAL PEN
Total/NA	Analysis	Moisture		1			187676	08/05/13 15:50	LEC	TAL PEN

**Client Sample ID: WATER SUPPLY WELL. (WSW)**

Date Collected: 07/29/13 13:45

Date Received: 07/31/13 09:21

**Lab Sample ID: 400-78094-4**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	188304	08/10/13 20:31	CLN	TAL PEN
Total/NA	Prep	3520C			1050 mL	1.0 mL	187427	08/02/13 09:35	KH1	TAL PEN
Total/NA	Analysis	8270D		1			188284	08/10/13 14:53	KJA	TAL PEN
Total/NA	Prep	8011			35.00 mL	35 mL	187283	08/01/13 09:09	TAJ	TAL PEN
Total/NA	Analysis	8011		1			187491	08/02/13 14:51	TAJ	TAL PEN

TestAmerica Pensacola

## Lab Chronicle

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

**Client Sample ID: MW-4 (4-6')**

Date Collected: 07/29/13 13:45

Date Received: 07/31/13 09:21

**Lab Sample ID: 400-78094-5**

Matrix: Solid

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5.0 g	187447	08/06/13 10:00	ABF	TAL PEN
Total/NA	Analysis	8015C		200			188037	08/08/13 11:55	GRK	TAL PEN
Total/NA	Prep	3550C			30.34 g	5.0 mL	187335	08/01/13 13:21	BNG	TAL PEN
Total/NA	Analysis	8015C		1			187475	08/03/13 00:38	IDR	TAL PEN
Total/NA	Analysis	Moisture		1			187676	08/05/13 15:50	LEC	TAL PEN

**Client Sample ID: MW-6 (6-8')**

Date Collected: 07/29/13 14:45

Date Received: 07/31/13 09:21

**Lab Sample ID: 400-78094-6**

Matrix: Solid

Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.61 g	5.0 g	188216	08/08/13 10:00	GRK	TAL PEN
Total/NA	Analysis	8015C		50			188215	08/09/13 05:24	GRK	TAL PEN
Total/NA	Prep	3550C			30.20 g	5.0 mL	187335	08/01/13 13:21	BNG	TAL PEN
Total/NA	Analysis	8015C		1			187475	08/02/13 22:26	IDR	TAL PEN
Total/NA	Analysis	Moisture		1			187718	08/06/13 08:32	LEC	TAL PEN

**Laboratory References:**

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

TestAmerica Pensacola

## Certification Summary

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

### Laboratory: TestAmerica Pensacola

All certifications held by this laboratory are listed. Not all certifications are applicable to this report

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40150	06-30-14
Arizona	State Program	9	AZ0710	01-11-14
Arkansas DEQ	State Program	6	88-0689	09-01-13
Florida	NELAP	4	E81010	06-30-14
Georgia	State Program	4	N/A	06-30-14
Illinois	NELAP	5	200041	10-09-13
Iowa	State Program	7	367	08-01-14
Kansas	NELAP	7	E-10253	10-31-13
Kentucky (UST)	State Program	4	53	06-30-14
Louisiana	NELAP	6	30976	06-30-14
Maryland	State Program	3	233	09-30-14
Massachusetts	State Program	1	M-FL094	06-30-13 *
Michigan	State Program	5	9912	06-30-13 *
New Hampshire	NELAP	1	2505	08-16-13
New Jersey	NELAP	2	FL006	06-30-13 *
North Carolina DENR	State Program	4	314	12-31-13
Oklahoma	State Program	6	9810	08-31-13
Pennsylvania	NELAP	3	68-00467	01-31-14
Rhode Island	State Program	1	LAO00307	12-31-13
South Carolina	State Program	4	96026	06-30-13 *
Tennessee	State Program	4	TN02907	06-30-14
Texas	NELAP	6	T104704286-12-5	09-30-13
USDA	Federal		F330-10-00407	12-10-13
Virginia	NELAP	3	480166	06-14-14
West Virginia DEP	State Program	3	136	08-31-13



\* Expired certification is currently pending renewal and is considered valid.

## Method Summary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-78094-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PEN
8015C	GRO by 8015C	SW846	TAL PEN
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	TAL PEN
8015C	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	SW846	TAL PEN
Moisture	Percent Moisture	EPA	TAL PEN

### Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And its Updates.

### Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

TestAmerica Pensacola

Chain of Custody Record **40078094**  
**Pensacola**

**TestAmerica**  
 THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Pensacola  
 Regulatory program:  DW  NPDES  RCRA  Other VA DEQ

Client Contact		Company Name: <b>McCallum Testing Labs</b>		Client Project Manager: <b>Marvin Smith</b>		Site Contact:		Lab Contact: <b>Marty Edwards</b>		COC No: <b>1</b>	
Address: <b>1808 Hayward Ave</b>		Telephone: <b>(757)420-2520</b>		Telephone:		Telephone:		Telephone:		of COCs	
City/State/Zip: <b>Chesapeake VA 23820</b>		Email: <b>marvin@mccallumtesting.com</b>		TAT if different from below		TAT if different from below		Analyse:		400-78094 COC	
Phone: <b>(757)420-2520</b>		Method of Shipment/Carrier:		<input type="checkbox"/> 3 weeks		<input type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week		<input type="checkbox"/> 2 days	
Project Name: <b>Holland Food Mart</b>		Shipping/Tracking No.:		<input type="checkbox"/> 1 day		TAT GRO		TPIH DEO		8260	
Project Number: <b>13-1330</b>		PO#		TAT DEO		8270		8011		Sample Specific Notes / Special Instructions:	
Sample Identification		Sample Date		Sample Time		Air		Aspen		Selenist	
						Solid		Other		H2SO4	
						HNO3		HCl		NaOH	
						ZnAc/NaOH		Ureys		Other	
<b>MW-1 (4-6')</b>		<b>7-27-13</b>		<b>1045</b>							
<b>MW-2 (4-6')</b>		<b>↓</b>		<b>1145</b>							
<b>MW-3 (6-8')</b>		<b>↓</b>		<b>1245</b>							
<b>Water Supply Well (WSW)</b>		<b>↓</b>		<b>145PM</b>		<b>6</b>		<b>2</b>			
<b>MW-4 (4-6')</b>		<b>↓</b>		<b>145PM</b>							
<b>MW-5 (6-8')</b>		<b>↓</b>		<b>245AM</b>							
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard		<input type="checkbox"/> Flammable		<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Poison B		<input checked="" type="checkbox"/> Unknown	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		<input type="checkbox"/> Return to Client		<input type="checkbox"/> Disposal By Lab		<input type="checkbox"/> Archive For		Months			
Special Instructions/QC Requirements & Comments: <b>IR 5 i.0°C</b>											
Relinquished by: <i>[Signature]</i>		Company: <b>MTL</b>		Date/Time: <b>7/30/13 2:00</b>		Received by: <i>[Signature]</i>		Company: <b>McCallum</b>		Date/Time: <b>7/30/13 249</b>	
Relinquished by: <i>[Signature]</i>		Company: <b>MTL</b>		Date/Time: <b>7/30/13</b>		Received by: <i>[Signature]</i>		Company: <b>TA</b>		Date/Time: <b>7/30/13 7530</b>	
Relinquished by: <i>[Signature]</i>		Company: <b>TA</b>		Date/Time: <b>7/30/13 1630</b>		Received in Laboratory by: <i>[Signature]</i>		Company: <b>TA</b>		Date/Time: <b>7/31/13 0921</b>	

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## Login Sample Receipt Checklist

Client: McCallum Testing Laboratories, Inc

Job Number: 400-78094-1

Login Number: 78094

List Source: TestAmerica Pensacola

List Number: 1

Creator: Crawford, Lauren E

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.0°C IR-5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	1 of 7 vials for WATER SUPPLY WELL (WSW) was received broken.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $< 6$ mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Pensacola  
3355 McLemore Drive  
Pensacola, FL 32514  
Tel: (850)474-1001

TestAmerica Job ID: 400-79218-1  
Client Project/Site: Holland Food Mart 13-1330

For:  
McCallum Testing Laboratories, Inc  
1808 Hayward Ave  
Chesapeake, Virginia 23320

Attn: Marvin Smith



Authorized for release by:  
8/30/2013 3:06:18 PM

Mark Swafford, Project Manager I  
mark.swafford@testamericainc.com

### LINKS

Review your project  
results through  
**Total Access**

Have a Question?



Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*



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## Definitions/Glossary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

### Qualifiers

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#### GC VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

TestAmerica Pensacola

## Case Narrative

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

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**Job ID: 400-79218-1**

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Laboratory: TestAmerica Pensacola

Narrative

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Job Narrative  
400-79218-1

**Comments**

No additional comments.

**Receipt**

The samples were received on 8/24/2013 9:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0° C.

**GC VOA**

No analytical or quality issues were noted.

**GC Semi VOA**

No analytical or quality issues were noted.

**Organic Prep**

Method 3520C: Insufficient sample volume was available to meet method-mandated requirements for matrix spike/matrix spike duplicate (MS/MSD) analyses for batch 400-189772.

No other analytical or quality issues were noted.

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## Detection Summary

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

### Client Sample ID: MW-1

Lab Sample ID: 400-79218-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	160		20		ug/L	20			8021B/8015C	Total/NA
Ethylbenzene	1500		20		ug/L	20			8021B/8015C	Total/NA
Toluene	190		100		ug/L	20			8021B/8015C	Total/NA
Xylenes, Total	5100		100		ug/L	20			8021B/8015C	Total/NA
Methyl tert-butyl ether	270		40		ug/L	20			8021B/8015C	Total/NA
Naphthalene	410		100		ug/L	20			8021B/8015C	Total/NA
Gasoline Range Organics (GRO) C6-C10	42000		2000		ug/L	20			8021B/8015C	Total/NA
Diesel Range Organics [C10-C28]	9400		120		ug/L	1			8015C	Total/NA

### Client Sample ID: MW-2

Lab Sample ID: 400-79218-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	540		10		ug/L	10			8021B/8015C	Total/NA
Ethylbenzene	1500		10		ug/L	10			8021B/8015C	Total/NA
Toluene	200		50		ug/L	10			8021B/8015C	Total/NA
Xylenes, Total	3400		50		ug/L	10			8021B/8015C	Total/NA
Methyl tert-butyl ether	99		20		ug/L	10			8021B/8015C	Total/NA
Naphthalene	600		50		ug/L	10			8021B/8015C	Total/NA
Gasoline Range Organics (GRO) C6-C10	32000		1000		ug/L	10			8021B/8015C	Total/NA
Diesel Range Organics [C10-C28]	6000		120		ug/L	1			8015C	Total/NA

### Client Sample ID: MW-3

Lab Sample ID: 400-79218-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	25		5.0		ug/L	5			8021B/8015C	Total/NA
Ethylbenzene	250		5.0		ug/L	5			8021B/8015C	Total/NA
Xylenes, Total	570		25		ug/L	5			8021B/8015C	Total/NA
Naphthalene	200		25		ug/L	5			8021B/8015C	Total/NA
Gasoline Range Organics (GRO) C6-C10	8700		500		ug/L	5			8021B/8015C	Total/NA
Diesel Range Organics [C10-C28]	2800		120		ug/L	1			8015C	Total/NA

### Client Sample ID: MW-4

Lab Sample ID: 400-79218-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	860		10		ug/L	10			8021B/8015C	Total/NA
Ethylbenzene	2300		10		ug/L	10			8021B/8015C	Total/NA
Toluene	130		50		ug/L	10			8021B/8015C	Total/NA
Xylenes, Total	3200		50		ug/L	10			8021B/8015C	Total/NA
Methyl tert-butyl ether	940		20		ug/L	10			8021B/8015C	Total/NA
Naphthalene	1100		50		ug/L	10			8021B/8015C	Total/NA
Gasoline Range Organics (GRO) C6-C10	26000		1000		ug/L	10			8021B/8015C	Total/NA
Diesel Range Organics [C10-C28]	11000		120		ug/L	1			8015C	Total/NA

### Client Sample ID: MW-5

Lab Sample ID: 400-79218-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	26		5.0		ug/L	5			8021B/8015C	Total/NA

This Detection Summary does not include radiochemical test results

TestAmerica Pensacola

# Detection Summary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

Client Sample ID: MW-5 (Continued)

Lab Sample ID: 400-79218-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	78		5.0		ug/L	5		8021B/8015C	Total/NA
Xylenes, Total	120		25		ug/L	5		8021B/8015C	Total/NA
Methyl tert-butyl ether	97		10		ug/L	5		8021B/8015C	Total/NA
Naphthalene	90		25		ug/L	5		8021B/8015C	Total/NA
Gasoline Range Organics (GRO) C6-C10	4000		500		ug/L	5		8021B/8015C	Total/NA
Diesel Range Organics (C10-C28)	2200		120		ug/L	1		8015C	Total/NA

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This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

## Sample Summary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

Lab Sample ID -	Client Sample ID	Matrix	Collected	Received
400-79218-1	MW-1	Water	08/22/13 12:15	08/24/13 09:05
400-79218-2	MW-2	Water	08/22/13 11:50	08/24/13 09:05
400-79218-3	MW-3	Water	08/22/13 11:30	08/24/13 09:05
400-79218-4	MW-4	Water	08/22/13 10:20	08/24/13 09:05
400-79218-5	MW-5	Water	08/22/13 11:00	08/24/13 09:05

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TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

**Client Sample ID: MW-1**

**Lab Sample ID: 400-79218-1**

Date Collected: 08/22/13 12:15

Matrix: Water

Date Received: 08/24/13 09:05

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**Method: 8021B/8015C - Volatiles & GRO**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	160		20		ug/L			08/27/13 13:23	20
Ethylbenzene	1500		20		ug/L			08/27/13 13:23	20
Toluene	190		100		ug/L			08/27/13 13:23	20
Xylenes, Total	5100		100		ug/L			08/27/13 13:23	20
Methyl tert-butyl ether	270		40		ug/L			08/27/13 13:23	20
Naphthalene	410		100		ug/L			08/27/13 13:23	20
Gasoline Range Organics (GRO) C6-C10	42000		2000		ug/L			08/27/13 13:23	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (pkf)	101		78 - 124		08/27/13 13:23	20
a,a,a-Trifluorotoluene (fid)	99		78 - 119		08/27/13 13:23	20

**Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	9400		120		ug/L		08/26/13 08:58	08/27/13 11:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	78		49 - 134	08/26/13 08:58	08/27/13 11:40	1

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

**Client Sample ID: MW-2**

**Lab Sample ID: 400-79218-2**

Date Collected: 08/22/13 11:50

Matrix: Water

Date Received: 08/24/13 09:05

**Method: 8021B/8015C - Volatiles & GRO**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	640		10		ug/L			08/27/13 13:50	10
Ethylbenzene	1600		10		ug/L			08/27/13 13:50	10
Toluene	200		50		ug/L			08/27/13 13:50	10
Xylenes, Total	3400		50		ug/L			08/27/13 13:50	10
Methyl tert-butyl ether	99		20		ug/L			08/27/13 13:50	10
Naphthalene	600		50		ug/L			08/27/13 13:50	10
Gasoline Range Organics (GRO) C6-C10	32000		1000		ug/L			08/27/13 13:50	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (pid)	104		78 - 124		08/27/13 13:50	10
a,a,a-Trifluorotoluene (fid)	99		78 - 119		08/27/13 13:50	10

**Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	6000		120		ug/L		08/26/13 08:58	08/27/13 11:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	89		49 - 134	08/26/13 08:58	08/27/13 11:50	1

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

**Client Sample ID: MW-3**

**Lab Sample ID: 400-79218-3**

Date Collected: 08/22/13 11:30

Matrix: Water

Date Received: 08/24/13 09:05

**Method: 8021B/8015C - Volatiles & GRO**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	25		5.0		ug/L			08/27/13 14:18	5
Ethylbenzene	250		5.0		ug/L			08/27/13 14:18	5
Toluene	<25		25		ug/L			08/27/13 14:18	5
Xylenes, Total	570		25		ug/L			08/27/13 14:18	5
Methyl tert-butyl ether	<10		10		ug/L			08/27/13 14:18	5
Naphthalene	200		25		ug/L			08/27/13 14:18	5
Gasoline Range Organics (GRO) C6-C10	8700		500		ug/L			08/27/13 14:18	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene (picl)	105		78 - 124					08/27/13 14:18	5
a,a,a-Trifluorotoluene (fid)	100		78 - 119					08/27/13 14:18	5

**Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	2800		120		ug/L		08/26/13 08:58	08/27/13 11:59	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
o-Terphenyl (Surr)	95		49 - 134				08/26/13 08:58	08/27/13 11:59	1

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

**Client Sample ID: MW-4**

**Lab Sample ID: 400-79218-4**

Date Collected: 08/22/13 10:20

Matrix: Water

Date Received: 08/24/13 09:05

**Method: 8021B/8015C - Volatiles & GRO**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	860		10		ug/L			08/27/13 14:45	10
Ethylbenzene	2300		10		ug/L			08/27/13 14:45	10
Toluene	130		50		ug/L			08/27/13 14:45	10
Xylenes, Total	3200		50		ug/L			08/27/13 14:45	10
Methyl tert-butyl ether	940		20		ug/L			08/27/13 14:45	10
Naphthalene	1100		50		ug/L			08/27/13 14:45	10
Gasoline Range Organics (GRO) C6-C10	26000		1000		ug/L			08/27/13 14:45	10
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
a,a,a-Trifluorotoluene (pic)	105		78 - 124					08/27/13 14:45	10
a,a,a-Trifluorotoluene (fio)	107		78 - 119					08/27/13 14:45	10

**Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	11000		120		ug/L		08/26/13 08:58	08/27/13 12:09	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
o-Terphenyl (Surr)	91		49 - 134				08/26/13 08:58	08/27/13 12:09	1

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

**Client Sample ID: MW-5**

**Lab Sample ID: 400-79218-5**

Date Collected: 08/22/13 11:00

Matrix: Water

Date Received: 08/24/13 09:05

**Method: 8021B/8015C - Volatiles & GRO**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	26		5.0		ug/L			08/27/13 15:13	5
Ethylbenzene	78		5.0		ug/L			08/27/13 15:13	5
Toluene	<25		25		ug/L			08/27/13 15:13	5
Xylenes, Total	120		25		ug/L			08/27/13 15:13	5
Methyl tert-butyl ether	97		10		ug/L			08/27/13 15:13	5
Naphthalene	90		25		ug/L			08/27/13 15:13	5
Gasoline Range Organics (GRO) C6-C10	4000		500		ug/L			08/27/13 15:13	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene (pic)	99		78 - 124		08/27/13 15:13	5
a,a,a-Trifluorotoluene (fid)	97		78 - 119		08/27/13 15:13	5

**Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	2200		120		ug/L		08/26/13 08:58	08/27/13 12:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	94		49 - 134	08/26/13 08:58	08/27/13 12:19	1

TestAmerica Pensacola

## QC Association Summary

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

### GC VOA

#### Analysis Batch: 190071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-79218-1	MW-1	Total/NA	Water	8021B/8015C	
400-79218-2	MW-2	Total/NA	Water	8021B/8015C	
400-79218-3	MW-3	Total/NA	Water	8021B/8015C	
400-79218-4	MW-4	Total/NA	Water	8021B/8015C	
400-79218-4 MS	MW-4	Total/NA	Water	8021B/8015C	
400-79218-4 MS	MW-4	Total/NA	Water	8021B/8015C	
400-79218-4 MSD	MW-4	Total/NA	Water	8021B/8015C	
400-79218-4 MSD	MW-4	Total/NA	Water	8021B/8015C	
400-79218-5	MW-5	Total/NA	Water	8021B/8015C	
LCS 400-190071/1000	Lab Control Sample	Total/NA	Water	8021B/8015C	
LCS 400-190071/1001	Lab Control Sample	Total/NA	Water	8021B/8015C	
MB 400-190071/3	Method Blank	Total/NA	Water	8021B/8015C	

### GC Semi VOA

#### Prep Batch: 189772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-79218-1	MW-1	Total/NA	Water	3520C	
400-79218-2	MW-2	Total/NA	Water	3520C	
400-79218-3	MW-3	Total/NA	Water	3520C	
400-79218-4	MW-4	Total/NA	Water	3520C	
400-79218-5	MW-5	Total/NA	Water	3520C	
LCS 400-189772/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 400-189772/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 400-189772/1-A	Method Blank	Total/NA	Water	3520C	

#### Analysis Batch: 189918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-79218-1	MW-1	Total/NA	Water	8015C	189772
400-79218-2	MW-2	Total/NA	Water	8015C	189772
400-79218-3	MW-3	Total/NA	Water	8015C	189772
400-79218-4	MW-4	Total/NA	Water	8015C	189772
400-79218-5	MW-5	Total/NA	Water	8015C	189772
LCS 400-189772/2-A	Lab Control Sample	Total/NA	Water	8015C	189772
LCSD 400-189772/3-A	Lab Control Sample Dup	Total/NA	Water	8015C	189772
MB 400-189772/1-A	Method Blank	Total/NA	Water	8015C	189772

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

### Method: 8021B/8015C - Volatiles & GRO

Lab Sample ID: MB 400-190071/3

Matrix: Water

Analysis Batch: 190071

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<1.0		1.0		ug/L			08/27/13 12:26	1
Ethylbenzene	<1.0		1.0		ug/L			08/27/13 12:26	1
Toluene	<5.0		5.0		ug/L			08/27/13 12:26	1
Xylenes, Total	<5.0		5.0		ug/L			08/27/13 12:26	1
Methyl tert-butyl ether	<2.0		2.0		ug/L			08/27/13 12:26	1
Naphthalene	<5.0		5.0		ug/L			08/27/13 12:26	1
Gasoline Range Organics (GRO) C6-C10	<100		100		ug/L			08/27/13 12:26	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
a,a,a-Trifluorotoluene (pic)	107		78 - 124		08/27/13 12:26	1
a,a,a-Trifluorotoluene (fid)	109		78 - 119		08/27/13 12:26	1

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Lab Sample ID: LCS 400-190071/1000

Matrix: Water

Analysis Batch: 190071

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Benzene	50.0	48.5		ug/L		97	79 - 117
Ethylbenzene	50.0	49.4		ug/L		99	76 - 126
Toluene	50.0	48.3		ug/L		97	80 - 118
Xylenes, Total	150	148		ug/L		98	79 - 122
Methyl tert-butyl ether	100	97.0		ug/L		97	70 - 126
Naphthalene	50.0	54.3		ug/L		109	12 - 150

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
a,a,a-Trifluorotoluene (pic)	104		78 - 124

Lab Sample ID: LCS 400-190071/1001

Matrix: Water

Analysis Batch: 190071

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Gasoline Range Organics (GRO) C6-C10	1000	950		ug/L		95	75 - 119

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
a,a,a-Trifluorotoluene (fid)	108		78 - 119

Lab Sample ID: 400-79218-4 MS

Matrix: Water

Analysis Batch: 190071

Client Sample ID: MW-4

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
Benzene	860		500	1410		ug/L		111	44 - 150
Ethylbenzene	2300		500	2770	4	ug/L		93	70 - 142
Toluene	130		500	692		ug/L		112	69 - 136
Xylenes, Total	3200		1500	4810		ug/L		110	68 - 142

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

### Method: 8021B/8015C - Volatiles & GRO (Continued)

Lab Sample ID: 400-79218-4 MS  
 Matrix: Water  
 Analysis Batch: 190071

Client Sample ID: MW-4  
 Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	Limits
Methyl tert-butyl ether	940		1000	2160		ug/L		122	10 - 150	
Naphthalene	1100		500	1820		ug/L		144	10 - 150	
<b>Surrogate</b>		<b>MS</b>	<b>MS</b>							
		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>						
a,a,a-Trifluorotoluene (pic)		105		78 - 124						

Lab Sample ID: 400-79218-4 MS  
 Matrix: Water  
 Analysis Batch: 190071

Client Sample ID: MW-4  
 Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	Limits
Gasoline Range Organics (GRO) C6-C10	26000		10000	31900		ug/L		62	35 - 150	
<b>Surrogate</b>		<b>MS</b>	<b>MS</b>							
		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>						
a,a,a-Trifluorotoluene (fid)		102		78 - 119						

Lab Sample ID: 400-79218-4 MSD  
 Matrix: Water  
 Analysis Batch: 190071

Client Sample ID: MW-4  
 Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Benzene	860		500	1350		ug/L		99	44 - 150	4	16	
Ethylbenzene	2300		500	2610	4	ug/L		60	70 - 142	6	16	
Toluene	130		500	664		ug/L		107	69 - 136	4	16	
Xylenes, Total	3200		1500	4540		ug/L		93	68 - 142	6	15	
Methyl tert-butyl ether	940		1000	2070		ug/L		112	10 - 150	4	13	
Naphthalene	1100		500	1720		ug/L		124	10 - 150	6	18	
<b>Surrogate</b>		<b>MSD</b>	<b>MSD</b>									
		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
a,a,a-Trifluorotoluene (pic)		106		78 - 124								

Lab Sample ID: 400-79218-4 MSD  
 Matrix: Water  
 Analysis Batch: 190071

Client Sample ID: MW-4  
 Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Gasoline Range Organics (GRO) C6-C10	26000		10000	34200		ug/L		85	35 - 150	7	15	
<b>Surrogate</b>		<b>MSD</b>	<b>MSD</b>									
		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
a,a,a-Trifluorotoluene (fid)		101		78 - 119								

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

### Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

<b>Lab Sample ID: MB 400-189772/1-A</b>						<b>Client Sample ID: Method Blank</b>			
<b>Matrix: Water</b>						<b>Prep Type: Total/NA</b>			
<b>Analysis Batch: 189918</b>						<b>Prep Batch: 189772</b>			
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<130		130		ug/L		08/26/13 08:58	08/27/13 10:47	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl (Surr)	89		49 - 134				08/26/13 08:58	08/27/13 10:47	1

<b>Lab Sample ID: LCS 400-189772/2-A</b>						<b>Client Sample ID: Lab Control Sample</b>			
<b>Matrix: Water</b>						<b>Prep Type: Total/NA</b>			
<b>Analysis Batch: 189918</b>						<b>Prep Batch: 189772</b>			
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]			10000	9910		ug/L		99	63 - 138
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
<i>o</i> -Terphenyl (Surr)	112		49 - 134						

<b>Lab Sample ID: LCSD 400-189772/3-A</b>						<b>Client Sample ID: Lab Control Sample Dup</b>					
<b>Matrix: Water</b>						<b>Prep Type: Total/NA</b>					
<b>Analysis Batch: 189918</b>						<b>Prep Batch: 189772</b>					
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			10000	10100		ug/L		101	63 - 138	2	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
<i>o</i> -Terphenyl (Surr)	84		49 - 134								

## Lab Chronicle

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

**Client Sample ID: MW-1**

Date Collected: 08/22/13 12:15  
 Date Received: 08/24/13 09:05

**Lab Sample ID: 400-79218-1**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B/8015C		20	5 mL	5 mL	190071	08/27/13 13:23	GRK	TAL PEN
Total/NA	Prep	3520C			1050 mL	5.0 mL	189772	08/26/13 08:58	KH1	TAL PEN
Total/NA	Analysis	8015C		1			189918	08/27/13 11:40	IDR	TAL PEN

**Client Sample ID: MW-2**

Date Collected: 08/22/13 11:50  
 Date Received: 08/24/13 09:05

**Lab Sample ID: 400-79218-2**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B/8015C		10	5 mL	5 mL	190071	08/27/13 13:50	GRK	TAL PEN
Total/NA	Prep	3520C			1050 mL	5.0 mL	189772	08/26/13 08:58	KH1	TAL PEN
Total/NA	Analysis	8015C		1			189918	08/27/13 11:50	IDR	TAL PEN

**Client Sample ID: MW-3**

Date Collected: 08/22/13 11:30  
 Date Received: 08/24/13 09:05

**Lab Sample ID: 400-79218-3**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B/8015C		5	5 mL	5 mL	190071	08/27/13 14:18	GRK	TAL PEN
Total/NA	Prep	3520C			1050 mL	5.0 mL	189772	08/26/13 08:58	KH1	TAL PEN
Total/NA	Analysis	8015C		1			189918	08/27/13 11:59	IDR	TAL PEN

**Client Sample ID: MW-4**

Date Collected: 08/22/13 10:20  
 Date Received: 08/24/13 09:05

**Lab Sample ID: 400-79218-4**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B/8015C		10	5 mL	5 mL	190071	08/27/13 14:45	GRK	TAL PEN
Total/NA	Prep	3520C			1050 mL	5.0 mL	189772	08/26/13 08:58	KH1	TAL PEN
Total/NA	Analysis	8015C		1			189918	08/27/13 12:09	IDR	TAL PEN

**Client Sample ID: MW-5**

Date Collected: 08/22/13 11:00  
 Date Received: 08/24/13 09:05

**Lab Sample ID: 400-79218-5**

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B/8015C		5	5 mL	5 mL	190071	08/27/13 15:13	GRK	TAL PEN
Total/NA	Prep	3520C			1050 mL	5.0 mL	189772	08/26/13 08:58	KH1	TAL PEN
Total/NA	Analysis	8015C		1			189918	08/27/13 12:19	IDR	TAL PEN

**Laboratory References:**

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

TestAmerica Pensacola

## Certification Summary

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

### Laboratory: TestAmerica Pensacola

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40150	06-30-14
Arizona	State Program	9	AZ0710	01-11-14
Arkansas DEQ	State Program	6	88-0689	09-01-13
Florida	NELAP	4	E81010	06-30-14
Georgia	State Program	4	N/A	06-30-14
Illinois	NELAP	5	200041	10-09-13
Iowa	State Program	7	367	08-01-14
Kansas	NELAP	7	E-10253	10-31-13
Kentucky (UST)	State Program	4	53	06-30-14
Louisiana	NELAP	6	30976	06-30-14
Maryland	State Program	3	233	09-30-14
Massachusetts	State Program	1	M-FL094	06-30-13 *
Michigan	State Program	5	9912	06-30-13 *
New Jersey	NELAP	2	FL006	06-30-13 *
North Carolina DENR	State Program	4	314	12-31-13
Oklahoma	State Program	6	9810	08-31-13
Pennsylvania	NELAP	3	68-00467	01-31-14
Rhode Island	State Program	1	LAC00307	12-31-13
South Carolina	State Program	4	96026	06-30-13 *
Tennessee	State Program	4	TN02907	06-30-14
Texas	NELAP	6	T104704288-12-5	09-30-13
USDA	Federal		P330-10-00407	12-10-13
Virginia	NELAP	3	460166	06-14-14
West Virginia DEP	State Program	3	136	06-30-14

\* Expired certification is currently pending renewal and is considered valid.

## Method Summary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Food Mart 13-1330

TestAmerica Job ID: 400-79218-1

Method	Method Description	Protocol	Laboratory
8021B/8015C	Volatiles & GRO	SW846	TAL PEN
8015C	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	SW846	TAL PEN

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Chain of Custody Record  
400-79218

Regulatory program:  DW  NPDES  RCRA  Other VAD BQ

TestAmerica Laboratory location: Ken Saicola

Company Name: <u>McCallum Testing Labs</u> Address: <u>1808 Hayward Ave</u> City/State/Zip: <u>Chesapeake VA 23320</u> Phone: <u>757 420-2520</u> Project Name: <u>Holland Food Mart</u> Project Number: <u>13-1330</u> P O #		Client Contact: <u>Marvin Smith</u> Telephone: <u>(757) 420-2520</u> Email: <u>marvin@mcCallum-testing.com</u>		Lab Contact: <u>Marty Edwards</u> Telephone:		COC No: <u>1</u> of <u>1</u> COCs											
Client Project Manager: <u>Marvin Smith</u> Telephone: <u>(757) 420-2520</u> Email: <u>marvin@mcCallum-testing.com</u>		Method of Shipment/Carrier:		TAT if different from below:		Sample Specific Notes / Special Instructions:											
Shipping/Tracking No:		TAT: <input type="checkbox"/> 3 weeks <input type="checkbox"/> 2 weeks <input checked="" type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		QR Code: 		400-79218 COC											
Sample Identification	Sample Date	Sample Time	Alt	Agases	Bedroom	Bath	Other	H2SO4	HNO3	HCl	NH4I	NH4OH	NH4SCN	Other	Analyses	Sample Specific Notes / Special Instructions	
MW-1	8-22-13	1745	X												TPH DRO TPH GRO BTEX NAPHTHALENE MTBE		
MW-2		1150															
MW-3		1130															
MW-4		1020															
MW-5		1100															
Possible States of Identification: <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Polym B <input type="checkbox"/> Unknown <input type="checkbox"/> Sample Disposal (A for any not expressed if samples are retained longer than 1 month): <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Dispose by Lab <input type="checkbox"/> Archive For: _____ Months																	
Requisitioned by: <u>[Signature]</u> Date/Time: <u>8/23/13 1630</u>		Requisitioned by: <u>MTK</u> Date/Time: <u>8/23/13 1630</u>		Requisitioned by: <u>TA</u> Date/Time: <u>8/23/13 1630</u>		Requisitioned by: <u>[Signature]</u> Date/Time: <u>8/23/13 1000</u>		Requisitioned by: <u>[Signature]</u> Date/Time: <u>8/23/13 905</u>		Requisitioned by: <u>[Signature]</u> Date/Time:		Requisitioned by: <u>[Signature]</u> Date/Time:		Requisitioned by: <u>[Signature]</u> Date/Time:		Requisitioned by: <u>[Signature]</u> Date/Time:	

TAL-0018 (1008)

30°C IR-5

## Login Sample Receipt Checklist

Client: McCallum Testing Laboratories, Inc

Job Number: 400-79218-1

Login Number: 79218

List Source: TestAmerica Pensacola

List Number: 1

Creator: Crawford, Lauren E

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0°C IR-5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6$ mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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**McCALLUM TESTING LABORATORIES, INC.**  
**SLUG TEST FIELD DATA**

Project Name: Holland Road Pure Station		Static Water Level: 5.25 MW-4	
Project No.: 13-1331		Date: 8/22/13	
Elapsed Time (minutes)	Depth to Water (Feet)	Water Level Change (H)	h/ho
0	7.67	2.42	1.0
1	6.98	1.73	0.71
2	6.63	1.38	0.57
3	6.43	1.18	0.48
4	6.27	1.02	0.42
5	6.14	0.89	0.36
6	6.03	0.78	0.32
7	5.94	0.69	0.28
8	5.84	0.59	0.24
9	5.77	0.52	0.21
10	5.73	0.48	0.19

**HOLLAND ROAD PURE STATION  
5703 HOLLAND ROAD  
SUFFOLK, VIRGINIA  
MTL PROJECT #13-1331**

$$K = \frac{r^2 \ln(L/R)}{2LT_0} \quad T_0 \text{ 375 secs.}$$

$$= \frac{.0069444 \ln(11.75/0.08333)}{2 \times 11.75 \times 375}$$

$$= \frac{.0069444 \times 4.95}{8812.50} = \frac{0.03410055}{8812.50} = 0.00000386956 \text{ ft./sec.}$$

$$K = 0.00000386 \times 86400 = 0.334 \text{ ft/day}$$

$$V = \frac{K}{n} \times \frac{h_1 - h_2}{L} = \frac{0.334}{.30} \times \frac{4.75 - 4.25}{48}$$

$$= 1.113 \times 0.01041666 = 0.0117 \text{ ft/day}$$

$$V = 4.2 \text{ ft/yr.}$$



3811 Thurston Road Phone: (804) 271-4456  
 Richmond VA 23237 FAX: 1-888-201-7900

# Petro-Tite® Line Test Data Sheet

LOCATION: Aylin Amoco Food Shop 5703 Holland Rd Suffolk, VA 23434  
 OWNER: Aylin Amoco Food Shop 5703 Holland Rd Suffolk, VA 23434  
 REASON FOR TEST: routine TEST DATE 02/07/2013  
 TEST REQUESTED BY: Mehmet Bariskan Genesis Petroleum  
 COMPANY PERFORMING TEST/TECHNICIAN'S NAME BesTesT, LLC. Adam N. Murray  
 Is a tank test to be made YES  
 with this line test?  NO Make and type of pump & dispensers Wayne disp's & RJ stp's  
 WEATHER mild Cover over lines Concrete & Asphalt Approx burial depth 2.5'

IDENTIFY EACH LINE AS TESTED	TIME 24:00	LOG OF TEST PROCEDURES, AMBIENT TEMPERATURE, WEATHER, ETC.	PRESSURE		VOLUME		TEST RESULTS
			psi or kPa		READING		
			Before	After	Before	After	
Unleaded	0936	attached line test adapter					
	0941	test press/begin		50psi		.041	
	0956	line test, con't	50	50	.041	.041	+0.000
	1011	" "	50	50	.041	.041	+0.000
	1026	" "	50	50	.041	.041	+0.000
	1041	" "	50	50	.041	.041	+0.000
	1042	bleedback check	50	0	.041	.064	+0.023
Super	1004	attached line test adapter					
	1009	test press/begin		50psi		.017	
	1024	line test, con't	50	50	.017	.017	+0.000
	1039	" "	50	50	.017	.017	+0.000
	1054	" "	50	50	.017	.017	+0.000
	1109	" "	50	50	.017	.017	+0.000
	1110	bleedback check	50	0	.017	.050	+0.033
Diesel	1029	attached line test adapter					
	1034	test press/begin		50psi		.028	
	1049	line test, con't	50	50	.028	.028	+0.000
	1104	" "	50	50	.028	.028	+0.000
	1119	" "	50	50	.028	.028	+0.000
	1134	" "	50	50	.028	.028	+0.000
	1135	bleedback check	50	0	.028	.063	+0.035

Certification Leak rate of 0.1 gph with PD = 99.99% and PFA = 0.34%.  
 Leak Threshold: 0.05 gph. A pipeline system should not be declared tight if the test result indicates a loss that equals or exceeds this threshold. Vendor claims this equipment can detect leaks at .01 gph, and trains operators to declare leaks at .01 gph.



Complete Testing Services

3611 Thurston Road  
Richmond VA 23237

Phone: (804) 271-4456  
FAX: 1-888-201-7900

PRESSURE CALCULATION & WATER SENSOR CALIBRATION  
TANK TEST FINAL REPORT SUMMARY

MANUFACTURED BY: ESTABROOK'S INC. 1-877-368-7215



Systems & Training  
for the  
Petroleum Industry

Testing Firm BesTest, LLC  
Address 3611 Thurston Rd  
Richmond, VA 23237  
Telephone # 804-271-4456

Date: 02/07/2013  
Site: Aylin Amoco Food Shop  
5703 Holland Rd  
Suffolk, VA 23434

Tank #	1	2	3	4	5	6
Product	Unleaded #1	Unleaded #2	Super	Diesel		
Tank volume	6000	6000	6000	6000		
Tank diameter	96"	96"	96"	96"		
Product volume in inches	20"	17"	23"	36"		
Vacuum Pressure (psi)	0.5	0.5	0.5	0.5		
Height of Groundwater: from bottom of tank	141"	138"	142"	146"		
Determined by:	Ezstick	Ezstick	Ezstick	Ezstick		
Where:	tank field	tank field	tank field	tank field		
<b>SUMMARY of FINDINGS*</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>		
TIGHT TANK <sup>1</sup>	✓	✓	✓	✓		
ULLAGE LEAK <sup>2</sup>	n/a	n/a	n/a	n/a		
(WET) PORTION LEAK <sup>3</sup>	n/a	n/a	n/a	n/a		
Water intrusion (wet portion) <sup>4</sup>	n/a	n/a	n/a	n/a		

NOTES: Unleaded #1 – STP  
Unleaded #2 – siphon

**\* THE ACOUSTIC CHARACTERISTICS REVEAL:**

<sup>1</sup>TIGHT TANK - THIS UNDERGROUND STORAGE TANK PASSES THE CRITERIA SET FORTH BY THE U.S. EPA.

<sup>2</sup>ULLAGE (DRY) PORTION OF LEAK - THIS UNDERGROUND TANK FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.

<sup>3</sup>BELOW PRODUCT LEVEL (WET) PORTION LEAK - THIS UNDERGROUND STORAGE TANK FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.

<sup>4</sup>Water intrusion (wet portion) - water sensor indicates water entering the tank below the product level during the test.

Operator Information	
Name <u>Adam N. Murray</u>	Certification # <u>53-2888</u>
Signed <u>ANM</u>	Expiration Date: <u>09/17/2013</u>



Complete Testing Services  
 3811 Thurston Road Phone: (804) 271-4456  
 Richmond VA 23237 FAX: 1-888-201-7900

SITE DBA Aylin Amoco Food Shop

ADDRESS 5703 Holland Rd

Suffolk, VA 23434

TEST DATE 02/07/2013

TEST CONDUCTOR Adam N. Murray

OFFICE PHONE NUMBER (804) 271-4456

TEST PERFORMED PRODUCT (PASS/FAIL)

	<u>Off-Road</u>				
	<u>Unleaded</u>	<u>Super</u>	<u>Diesel</u>	<u>Diesel</u>	<u>Kerosene</u>
LEAK DETECTORS	<u>✓/</u>	<u>✓/</u>	<u>✓/</u>	<u>/</u>	<u>/</u>
BALL FLOATS	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>
SHEAR VALVES	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>

CORRECTIONS MADE None

CORRECTIONS NEEDED None

Testing performed per manufacturer's specifications

# McCALLUM

## TESTING LABORATORIES, INC.

*Geotechnical Engineering, Materials Testing & Environmental Services*

October 10, 2013

Aylin Inc.  
2664 Route 112  
Medford, NY 11763

Attention: Ezgi Kiriscioglu

Subject: Site Characterization Addendum Report  
Holland Food Mart  
5703 Holland Road  
Suffolk, Virginia  
DEQ PC# 2013-5074  
MTL Project #13-1332 / 13-14870

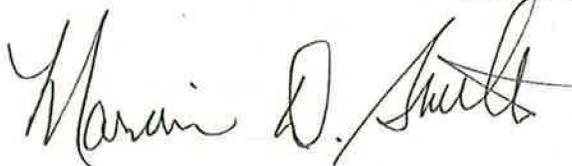
Dear Ms. Kiriscioglu:

**McCallum Testing Laboratories, Inc.** is pleased to present this Site Characterization Addendum Report of the subject property prepared in general conformance with the Department of Environmental Quality (DEQ) Petroleum Program Manual, effective May 10, 2011.

Should you have any questions regarding this report, please contact our office at your convenience.

Sincerely,

**McCALLUM TESTING LABORATORIES, INC.**



Marvin D. Smith  
Project Geologist



Richard Seage, P.G.  
Manager, Environmental Services

**CX 41**

Copy: Lynne E. Smith - DEQ

# *McCALLUM*

**TESTING LABORATORIES, INC.**

*Geotechnical Engineering, Materials Testing & Environmental Services*

**SITE CHARACTERIZATION ADDENDUM REPORT  
HOLLAND ROAD PURE STATION  
5703 HOLLAND ROAD  
SUFFOLK, VIRGINIA  
DEQ PC# 2013-5074  
MTL PROJECT #13-1332 / 13-14870**

**Prepared for:**

**EZGI KIRISCIOGLU  
AYLIL, INC.  
2664 ROUTE 112  
MEDFORD, NY 11763**

**Prepared by:**

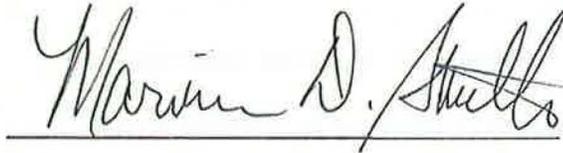
**McCALLUM TESTING LABORATORIES, INC.  
1808 HAYWARD AVENUE  
CHESAPEAKE, VA 23325**

**SIGNATURE/CERTIFICATION SHEET**

I certify that I have prepared or supervised preparation of the attached report, that it has been prepared in accordance with industry standards and practices, and that the information contained herein is truthful and accurate to the best of my knowledge.

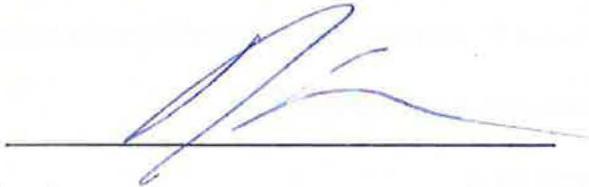
Prepared by:

Marvin Smith  
Project Geologist



A handwritten signature in blue ink, reading "Marvin D. Smith", is written over a horizontal line.

Richard Seage, P.G.  
Manager, Environmental Services  
VA Professional Certification: CPG #466



A handwritten signature in blue ink, appearing to be "Richard Seage", is written over a horizontal line.

McCallum Testing Laboratories, Inc.  
1808 Hayward Avenue  
Chesapeake, Virginia 23320

UST Owner/ Operator:  
Aylin, Inc.  
2664 Route 112  
Medford, NY 11763

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##### **Section 1.1 Release Investigation**

#### **Section 2.0 SITE CHARACTERIZATION**

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#### **Section 4.0 CONCLUSIONS / RECOMMENDATIONS**

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### **APPENDIX A**

#### **FIGURES**

**Figure 1 - Site Location Map**

**Figure 2 - Site Drawing**

**Figure 3 - Vicinity Map**

### **APPENDIX B**

#### **LABORATORY RESULTS**

**SITE CHARACTERIZATION ADDENDUM REPORT  
HOLLAND ROAD PURE  
5703 HOLLAND ROAD  
SUFFOLK, VIRGINIA**

**Section 1.0 PROJECT HISTORY**

On December 18, 2012, AECOM drilled two soil borings as part of a Phase II Environmental Site Assessment along Holland Road within the utility easement fronting Holland Road Pure Station, to measure for the presence of petroleum hydrocarbon contamination associated with the operation of this site as a gasoline station. This investigation was to help determine if such contamination posed a potential environmental impact to the construction and installation of a water transmission main along Holland Road.

Two soil borings (HR-20 and HR-21) were drilled along the south side of Holland Road near the northeast corner and northwest corner of the site to a depth of 10 feet. The Site Drawing (Figure 2 Appendix A) shows the locations of the borings. The soils in boring HR-20 exhibited no evidence of petroleum contamination (odor, staining, etc.). However, the soils in boring HR-21 exhibited petroleum odor from a depth of 4 to 10 feet.

A soil sample was collected from each boring and submitted to an analytical laboratory for Gasoline Range Organic (GRO) Total Petroleum Hydrocarbon (TPH), Benzene, Toluene, Ethylbenzene, Xylene (BTEX) and Methyl Tert-Butyl Ether (MTBE) analyses. The laboratory results are presented in the table below.

<b>Laboratory Results</b>		
<b>Analyte</b>	<b>HR-20 (2-4')</b>	<b>HR-21 (4-6')</b>
<b>GRO-TPH</b>	BDL	81.0
<b>Benzene</b>	BDL	0.10
<b>Toluene</b>	BDL	BDL
<b>Ethylbenzene</b>	BDL	0.65
<b>Total Xylenes</b>	BDL	2.2
<b>MTBE</b>	BDL	BDL
<b>mg/kg – Equivalent to parts per million (ppm)</b>		

Based on the laboratory results, the DEQ issued Pollution Complaint PC #2013-5074 and requested that Tank Tightness Tests and Line Tightness Tests be conducted along with a Release Investigation to help determine if a significant release has occurred at the site.

**Section 1.1 Release Investigation**

On February 7, 2013, tank tightness tests and line tightness tests were conducted at the site. The results indicated that the tanks, lines and leak detectors were all tight. The test results are presented in Appendix E.

On May 7, 2013, McCallum drilled two (2) 12 foot deep soil borings (B-1 and B-2), to measure for the presence of petroleum contamination. Figure 2 shows the locations of the borings. Boring B-1 was drilled between the existing product lines and AECOM's boring location HR-21 and boring B-2 was drilled between the existing UST tank field and HR-21. The Site Drawing (Figure 2) shows the locations of the borings.

The soils from each boring were examined for evidence of petroleum contamination such as odor, staining, free product, etc. The samples were scanned for volatile organic vapors using a Photoionization Detector (PID). The PID scans yielded moderate volatile organic vapors. The PID scan responses are presented in the table below.

PID Scan Responses		
Depth (ft)	B-1	B-2
0-2	123	53
2-4	203	23
4-6	264	103
6-8	<b>273</b>	<b>226</b>
8-10	321	249
10-12	No Scan	223

PID responses are 100 ppm Isobutylene equivalent  
**Bold – Samples submitted to laboratory**

The soil sample at the soil/groundwater interface (6-8') from each boring was submitted to the laboratory for Gasoline and Diesel Range Organics (GRO/DRO) Total Petroleum Hydrocarbons (TPH) analysis, using EPA Test Method 8015. The TPH results are presented in the following table.

Laboratory Results			
Soil (mg/kg)			
Sample	Depth (ft.)	TPH Concentration	
		GRO	DRO
B-1	(6-8')	1200	320
B-2	(6-8')	540	92

mg/kg – Equivalent to parts per million (ppm)  
 BDL – Below detection limit \* No analysis

A groundwater sample was collected from each boring and analyzed for GRO-TPH, DRO-TPH and volatile organic compounds (VOC's) including Ethanol. No Ethanol was detected in the groundwater samples; however, measurable VOC's and SVOC's were detected.

The results of the Release Investigation confirmed that a significant release had occurred at the site. Based on these results, the DEQ requested that a Site Characterization Investigation (SCR) be conducted to help determine the extent of the petroleum contamination and if the contamination posed a significant environmental or health risk.

## Section 2.0 SITE CHARACTERIZATION

On July 29, 2013, McCallum conducted the SCR Investigation which consisted of drilling five (5) borings (MW-1 through MW-5) at various locations to help determine the extent of the petroleum contamination detected in the soil.

Selected soil samples were collected from each boring and submitted to TestAmerica Laboratories for GRO and DRO TPH analyses. The laboratory results including those from the Release Investigation are presented in the table below.

LABORATORY RESULTS SOIL (mg/kg)				
SAMPLE	DEPTH (ft.)	PID (ppm)	TPH – GRO	TPH – DRO
B-1	6-8'	273	1200	320
B-2	6-8'	226	540	92
MW-1	4-6'	2160	590	81
MW-2	4-6'	840	1100	180
MW-3	6-8'	832	400	72
MW-4	4-6'	572	220	37
MW-5	6-8'	255	120	27

BDL – Below detection limit  
 mg/kg – Equivalent to parts per million (ppm)  
 \* No analysis

The TPH concentrations in the soil indicated the presence of an isolated "hot spot" in the area of the product lines; however, the TPH concentrations did not reflect gasoline saturation ( $\geq 8,300$  ppm) or diesel saturation ( $\geq 11,000$  ppm).

Five (5) groundwater monitoring wells (MW-1 through MW-5) were installed to help determine the condition of the groundwater beneath the site and if needed, free product recovery. A groundwater sample was collected from each of the monitoring wells and submitted to the laboratory for GRO and DRO-TPH; Benzene, Toluene, Ethylbenzene, Xylene (BTEX), Methyl Tert-Butyl Ether (MTBE) and Naphthalene analyses. The groundwater analyses results are presented in the following table.

Laboratory Results –Groundwater (mg/L)					
Analyte	MW-1	MW-2	MW-3	MW-4	MW-5
TPH-GRO	42	32	8.70	26	4
TPH-DRO	9.40	6	2.80	11	2.20
BENZENE	0.160	0.540	0.025	0.860	0.026
ETHYLBENZENE	1.50	1.5	0.250	2.30	0.078
TOLUENE	0.190	0.200	BDL	0.130	BDL
XYLENE	5.10	3.40	0.570	3.20	0.120
MTBE	0.270	0.099	BDL	0.940	0.097
NAPHTHALENE	0.410	0.600	0.200	1.10	0.090

BDL - Below detection limit  
mg/L- Equivalent to parts per million (ppm)

Significant dissolved phase contamination was detected in the groundwater beneath the site. Since the site uses a water supply well for its drinking water, the DEQ requested that a sample of the drinking water be sampled and analyzed.

A sample of the drinking water was collected and submitted to the laboratory for Volatile and Semi-Volatile Organic Compounds (VOC's, SVOC's) using EPA Test Methods 8260, 8270 and 8011. No VOC's or SVOC's were detected.

Groundwater flow was determined to be generally to the south with no potential significant impact by the petroleum contaminated groundwater and only minor impact by the petroleum contaminated soil was encountered along Holland Road.

Based on the absence of petroleum saturated soil on-site, the absence of free product on the groundwater and the absence of an impact to the on-site drinking water, passive remediation by natural attenuation was recommended as the most feasible method of remediation for this site.

To confirm that no general impact from the petroleum contaminated groundwater had occurred, the DEQ requested that samples of the two closest water supply wells be collected and analyzed for VOC's and SVOC's as part of an SCR Addendum.

### Section 3.0 SITE CHARACTERIZATION ADDENDUM

On September 30, 2013, a McCallum geologist visited the residences in the immediate area of the Holland Road Pure Station to inquire about any water supply wells in the area. The residences are listed in the following table and shown on the Vicinity Map (Figure 3). At the time of the visit, the residents at 5713 were not home.

Surrounding Properties		
Name	Address	Distance From Site
Mr. & Mrs. Shawn Padgett	117 Pioneer Road	240' Southeast
Unknown	5713 Holland Road	230' West Southwest
Mr. & Mrs. Ronald Wilson	5717 Holland Road	380' West Southwest
Mr. & Mrs. Samuel Dunn	5721 Holland Road	450' West Southwest

The residents indicated that all four properties utilized the same community water well located at the Wilson residence (5717 Holland Road). Mr. Wilson reported that the well was approximately 285-300 feet deep located approximately 325 feet west-southwest of the site.

Samples of the drinking water from 117 Pioneer Road and from 5717 Holland Road were collected and submitted to TestAmerica Laboratories for VOC's and SVOC's using EPA Test Methods 8260, 8270 and 8011. No VOC's or SVOC's were detected. The laboratory's Analytical Report is included with the report.

#### **Section 4.0 CONCLUSIONS AND RECOMMENDATIONS**

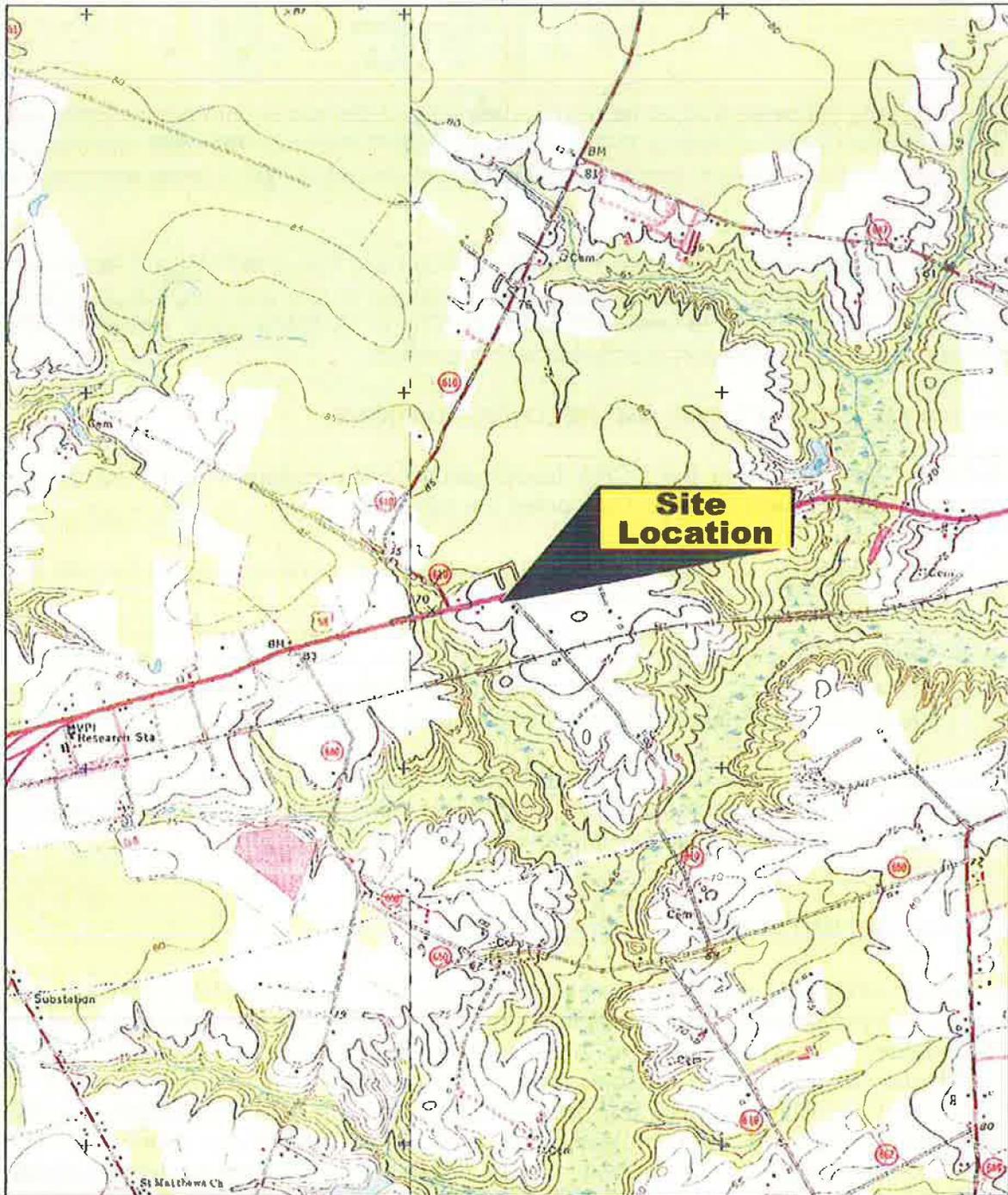
McCallum has completed the SCRA Investigation of the Holland Road Pure Station located at 5703 Holland Road and has noted the following:

- The petroleum contaminated soil and groundwater present beneath the site has not impacted the on-site water supply well.
- The properties adjacent to the Holland Pure Gasoline Station utilize a deep (285-300 ft.) community water supply well that apparently has not been impacted by the petroleum contaminated groundwater beneath the site.

Based on the laboratory analyses results of the drinking water from the surrounding residences, the initial recommendation of passive remediation by natural attenuation continues to be the most feasible method of remediation for the site.

#### **Section 5.0 LIMITATIONS**

Our conclusions and recommendations are limited by the scope of our services and express our professional opinion based on information available to us at the time of the investigation. It is important to note that the water samples analyzed in this investigation are considered as isolated data points which may not be representative of subsurface conditions across the entire area. Therefore, the conclusions of this investigation may not be completely indicative of all subsurface conditions. The conclusions are based on the scope of work described herein and the best available data at this time. No other warranty is expressed or implied. This report does not warrant against future operations or present conditions not discovered by this investigation.



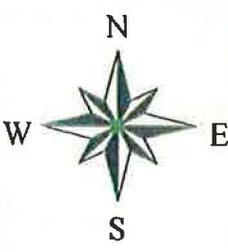
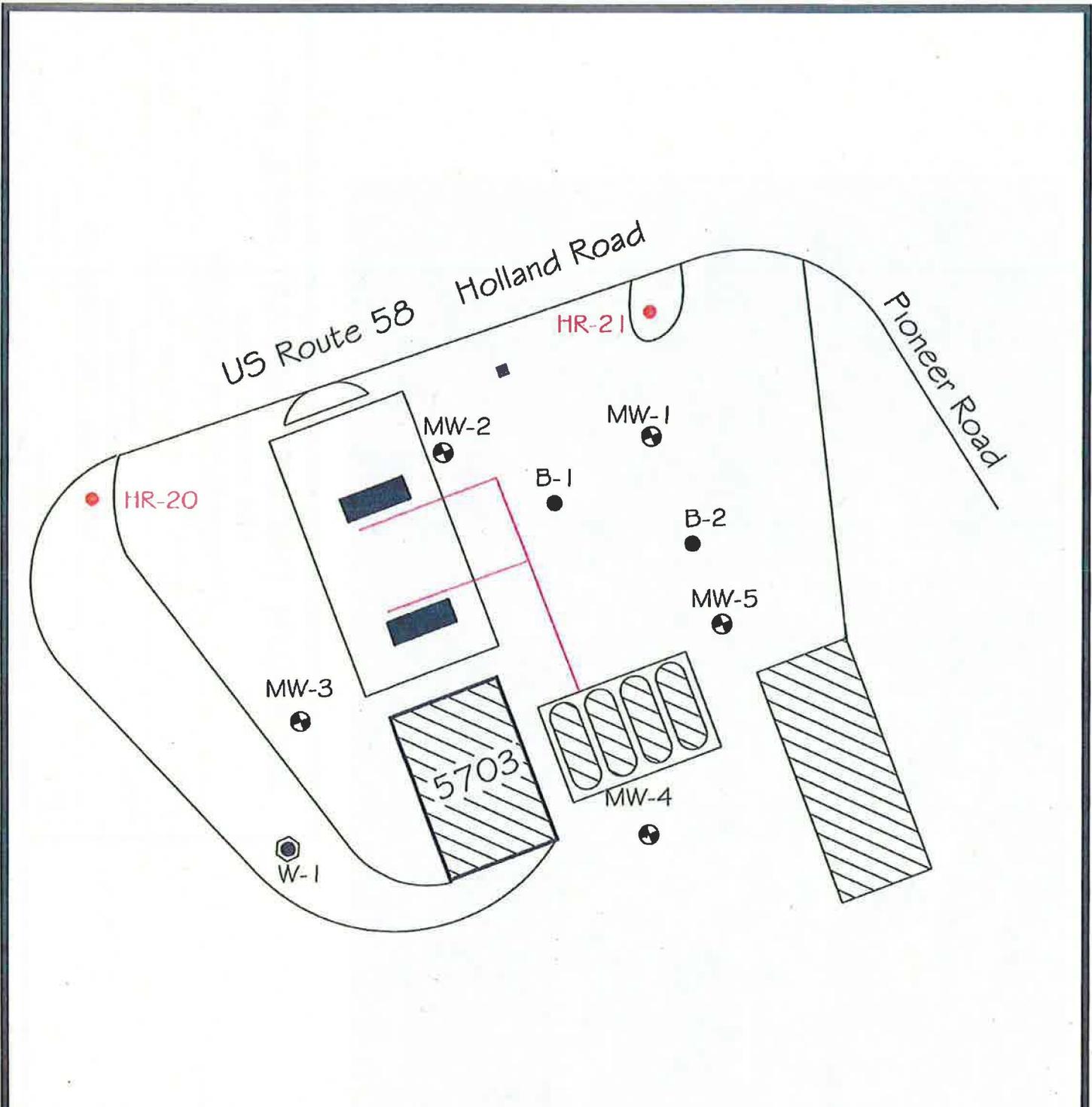
3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS 950 ft Scale: 1:24,000 Detail: 13-0 Datum: WGS84



## McCALLUM TESTING LABORATORIES, INC.

1808 Hayward Avenue  
Chesapeake, Virginia 23325-0337

Scale:	1:24,000	Approved By:	Richard J. Seage, P.G.	Date:	10/13
Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074				
Drawing Title:	Site Location Map			Drawing Number:	Figure 1



<b>McCALLUM TESTING LABORATORIES, INC.</b>			
1808 Hayward Avenue Chesapeake, Virginia 23325-0337			
Scale:	1" ~ 30'	Approved By:	Richard J. Seage, P.G.
		Date:	10/13
Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074		
Drawing Title:	Site Drawing		Drawing Number: Figure 2



EPA 1078



## McCALLUM TESTING LABORATORIES, INC.

1808 Hayward Avenue  
Chesapeake, Virginia 23325-0337

Scale:	—	Approved By:	Richard Seage, P.G.	Date:	10/13
Project:	Pure Station 5703 Holland Road Suffolk, Virginia DEQ PC #2013-5074				
Drawing Title:	Vicinity Map			Drawing Number:	Figure 3

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica Pensacola  
3355 McLemore Drive  
Pensacola, FL 32514  
Tel: (850)474-1001

TestAmerica Job ID: 400-80801-1  
Client Project/Site: Holland Rd. Pure Station

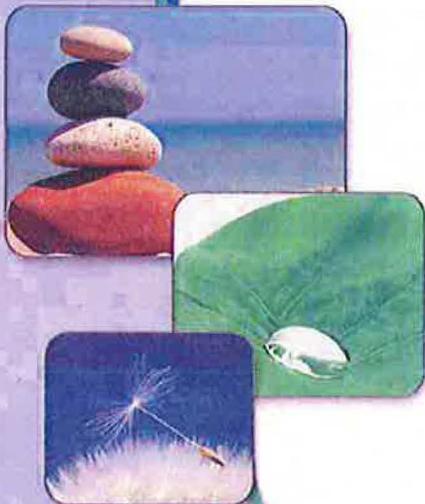
For:  
McCallum Testing Laboratories, Inc  
1808 Hayward Ave  
Chesapeake, Virginia 23320

Attn: Marvin Smith

*Mark Swafford*

Authorized for release by:  
10/8/2013 5:15:59 PM

Mark Swafford, Project Manager I  
(850)474-1001  
mark.swafford@testamericainc.com



### LINKS

Review your project results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

**CX 42**

**EPA 1079**



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## Definitions/Glossary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

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### Qualifiers

#### GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

#### GC/MS Semi VOA

Qualifier	Qualifier Description
F	MS/MSD Recovery and/or RPD exceeds the control limits
*	RPD of the LCS and LCSD exceeds the control limits

#### GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40% The lower value has been reported.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

TestAmerica Pensacola

## Case Narrative

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

Job ID: 400-80801-1

Laboratory: TestAmerica Pensacola

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Narrative

Job Narrative  
400-80801-1

### Comments

No additional comments.

### Receipt

The samples were received on 10/1/2013 9:48 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.7° C.

### GC/MS VOA

Method 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 5 analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 400-193950 had 2 analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

### GC/MS Semi VOA

Method 8270D: The laboratory control sample duplicate (LCSD) for batch 400-193533 recovered outside control limits for the following analytes: 4-Nitroaniline. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270D: The continuing calibration verification (CCV) for 4-Nitroaniline associated with batch 400-193447 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other analytical or quality issues were noted.

### HPLC

No analytical or quality issues were noted.

### Organic Prep

No analytical or quality issues were noted.

## Detection Summary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

Client Sample ID: WSW (5717)

Lab Sample ID: 400-80801-1

No Detections.

Client Sample ID: WSW (117)

Lab Sample ID: 400-80801-2

No Detections.

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This Detection Summary does not include radiochemical test results.

TestAmerica Pensacola

## Sample Summary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-80801-1	WSW (5717)	Water	09/30/13 09:00	10/01/13 09:48
400-80801-2	WSW (117)	Water	09/30/13 09:30	10/01/13 09:48



## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

Client Sample ID: WSW (5717)

Lab Sample ID: 400-80801-1

Date Collected: 09/30/13 09:00

Matrix: Water

Date Received: 10/01/13 09:48



7

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			10/07/13 13:42	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/07/13 13:42	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/07/13 13:42	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			10/07/13 13:42	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/07/13 13:42	1
1,1-Dichloroethene	<1.0		1.0		ug/L			10/07/13 13:42	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/07/13 13:42	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			10/07/13 13:42	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/07/13 13:42	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/07/13 13:42	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/07/13 13:42	1
1,2-Dichloroethane	<1.0		1.0		ug/L			10/07/13 13:42	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/07/13 13:42	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/07/13 13:42	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/07/13 13:42	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/07/13 13:42	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/07/13 13:42	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/07/13 13:42	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/07/13 13:42	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/07/13 13:42	1
Benzene	<1.0		1.0		ug/L			10/07/13 13:42	1
Bromobenzene	<1.0		1.0		ug/L			10/07/13 13:42	1
Bromochloromethane	<1.0		1.0		ug/L			10/07/13 13:42	1
Bromodichloromethane	<1.0		1.0		ug/L			10/07/13 13:42	1
Bromoform	<5.0		5.0		ug/L			10/07/13 13:42	1
Bromomethane	<1.0		1.0		ug/L			10/07/13 13:42	1
Carbon tetrachloride	<1.0		1.0		ug/L			10/07/13 13:42	1
Chlorobenzene	<1.0		1.0		ug/L			10/07/13 13:42	1
Chloroethane	<1.0		1.0		ug/L			10/07/13 13:42	1
Chloroform	<1.0		1.0		ug/L			10/07/13 13:42	1
Chloromethane	<1.0		1.0		ug/L			10/07/13 13:42	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			10/07/13 13:42	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			10/07/13 13:42	1
Dibromochloromethane	<1.0		1.0		ug/L			10/07/13 13:42	1
Dibromomethane	<5.0		5.0		ug/L			10/07/13 13:42	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			10/07/13 13:42	1
Ethylbenzene	<1.0		1.0		ug/L			10/07/13 13:42	1
Ethylene Dibromide	<1.0		1.0		ug/L			10/07/13 13:42	1
Hexachlorobutadiene	<5.0		5.0		ug/L			10/07/13 13:42	1
Isopropylbenzene	<1.0		1.0		ug/L			10/07/13 13:42	1
Methyl tert-butyl ether	<1.0		1.0		ug/L			10/07/13 13:42	1
Methylene Chloride	<5.0		5.0		ug/L			10/07/13 13:42	1
m-Xylene & p-Xylene	<10		10		ug/L			10/07/13 13:42	1
Naphthalene	<1.0		1.0		ug/L			10/07/13 13:42	1
n-Butylbenzene	<1.0		1.0		ug/L			10/07/13 13:42	1
N-Propylbenzene	<1.0		1.0		ug/L			10/07/13 13:42	1
o-Xylene	<5.0		5.0		ug/L			10/07/13 13:42	1
p-Cymene	<1.0		1.0		ug/L			10/07/13 13:42	1
sec-Butylbenzene	<1.0		1.0		ug/L			10/07/13 13:42	1

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

Client Sample ID: WSW (5717)

Lab Sample ID: 400-80801-1

Date Collected: 09/30/13 09:00

Matrix: Water

Date Received: 10/01/13 09:48

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<1.0		1.0		ug/L			10/07/13 13:42	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/07/13 13:42	1
Tetrachloroethene	<1.0		1.0		ug/L			10/07/13 13:42	1
Toluene	<1.0		1.0		ug/L			10/07/13 13:42	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/07/13 13:42	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			10/07/13 13:42	1
Trichloroethene	<1.0		1.0		ug/L			10/07/13 13:42	1
Trichlorofluoromethane	<1.0		1.0		ug/L			10/07/13 13:42	1
Vinyl chloride	<1.0		1.0		ug/L			10/07/13 13:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		78 - 118					10/07/13 13:42	1
Dibromofluoromethane	96		81 - 121					10/07/13 13:42	1
Toluene-d8 (Surr)	90		80 - 120					10/07/13 13:42	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
1,2,4-Trichlorobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
1,2-Dichlorobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
1,3-Dichlorobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
1,4-Dichlorobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
1-Chloronaphthalene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
1-Methylnaphthalene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
1-Naphthylamine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
2,3,4,6-Tetrachlorophenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
2,4,5-Trichlorophenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
2,4,6-Trichlorophenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
2,4-Dichlorophenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
2,4-Dimethylphenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
2,4-Dinitrophenol	<29		29		ug/L		10/02/13 12:49	10/06/13 15:37	1
2,4-Dinitrotoluene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
2,6-Dichlorophenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
2,6-Dinitrotoluene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
2-Chloronaphthalene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
2-Chlorophenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
2-Methylnaphthalene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
2-Methylphenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
2-Naphthylamine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
2-Nitroaniline	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
2-Nitrophenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
2-Picoline	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
3 & 4 Methylphenol	<19		19		ug/L		10/02/13 12:49	10/04/13 16:29	1
3,3'-Dichlorobenzidine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
3-Methylcholanthrene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
3-Nitroaniline	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
4,6-Dinitro-2-methylphenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
4-Bromophenyl phenyl ether	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
4-Chloro-3-methylphenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
4-Chloroaniline	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

Client Sample ID: WSW (5717)

Lab Sample ID: 400-80801-1

Date Collected: 09/30/13 09:00

Matrix: Water

Date Received: 10/01/13 09:48

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
4-Nitroaniline	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
4-Nitrophenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
7,12-Dimethylbenz(a)anthracene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Acenaphthene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Acenaphthylene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Acetophenone	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Aniline	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Anthracene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Benzidine	<48		48		ug/L		10/02/13 12:49	10/04/13 16:29	1
Benzo(a)anthracene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Benzo(a)pyrene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Benzo(b)fluoranthene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Benzo(g,h,i)perylene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Benzo(k)fluoranthene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Benzoic acid	<29		29		ug/L		10/02/13 12:49	10/04/13 16:29	1
Benzyl alcohol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
bis (2-chloroisopropyl) ether	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Bis(2-chloroethoxy)methane	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Bis(2-chloroethyl)ether	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Bis(2-ethylhexyl) phthalate	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Butyl benzyl phthalate	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Carbazole	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Chrysene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Dibenz(a,h)anthracene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Dibenzofuran	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Diethyl phthalate	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Dimethyl phthalate	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Di-n-butyl phthalate	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Di-n-octyl phthalate	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Ethyl methanesulfonate	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Fluoranthene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Fluorene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Hexachlorobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Hexachlorobutadiene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Hexachlorocyclopentadiene	<19		19		ug/L		10/02/13 12:49	10/04/13 16:29	1
Hexachloroethane	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Indeno[1,2,3-cd]pyrene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Isophorone	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Methyl methanesulfonate	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Naphthalene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Nitrobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
N-Nitrosodimethylamine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
N-Nitrosodi-n-butylamine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
N-Nitrosodi-n-propylamine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
N-Nitrosodiphenylamine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
N-Nitrosopiperidine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
p-Dimethylamino azobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Pentachlorobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1

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TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

Client Sample ID: WSW (5717)

Lab Sample ID: 400-80801-1

Date Collected: 09/30/13 09:00

Matrix: Water

Date Received: 10/01/13 09:48

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Pentachloronitrobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Pentachlorophenol	<19		19		ug/L		10/02/13 12:49	10/04/13 16:29	1
Phenacetin	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Phenanthrene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Phenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Pronamide	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Pyrene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
Pyridine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 16:29	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>DII Fac</b>
2,4,6-Tribromophenol (Surr)	81		15 - 135				10/02/13 12:49	10/04/13 16:29	1
2-Fluorobiphenyl	73		34 - 113				10/02/13 12:49	10/04/13 16:29	1
2-Fluorophenol (Surr)	56		10 - 104				10/02/13 12:49	10/04/13 16:29	1
Nitrobenzene-d5 (Surr)	75		27 - 110				10/02/13 12:49	10/04/13 16:29	1
Phenol-d5 (Surr)	60		10 - 110				10/02/13 12:49	10/04/13 16:29	1
Terphenyl-d14 (Surr)	92		53 - 125				10/02/13 12:49	10/04/13 16:29	1

**Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Ethylene Dibromide	<0.020		0.020		ug/L		10/03/13 10:56	10/04/13 10:22	1
1,2-Dibromo-3-Chloropropane	<0.030		0.030		ug/L		10/03/13 10:56	10/04/13 10:22	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>DII Fac</b>
4-Bromofluorobenzene	93	p	51 - 149				10/03/13 10:56	10/04/13 10:22	1

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

Client Sample ID: WSW (117)

Lab Sample ID: 400-80801-2

Date Collected: 09/30/13 09:30

Matrix: Water

Date Received: 10/01/13 09:48

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			10/07/13 14:08	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/07/13 14:08	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/07/13 14:08	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			10/07/13 14:08	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/07/13 14:08	1
1,1-Dichloroethene	<1.0		1.0		ug/L			10/07/13 14:08	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/07/13 14:08	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			10/07/13 14:08	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/07/13 14:08	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/07/13 14:08	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/07/13 14:08	1
1,2-Dichloroethane	<1.0		1.0		ug/L			10/07/13 14:08	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/07/13 14:08	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/07/13 14:08	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/07/13 14:08	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/07/13 14:08	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/07/13 14:08	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/07/13 14:08	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/07/13 14:08	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/07/13 14:08	1
Benzene	<1.0		1.0		ug/L			10/07/13 14:08	1
Bromobenzene	<1.0		1.0		ug/L			10/07/13 14:08	1
Bromochloromethane	<1.0		1.0		ug/L			10/07/13 14:08	1
Bromodichloromethane	<1.0		1.0		ug/L			10/07/13 14:08	1
Bromofom	<5.0		5.0		ug/L			10/07/13 14:08	1
Bromomethane	<1.0		1.0		ug/L			10/07/13 14:08	1
Carbon tetrachloride	<1.0		1.0		ug/L			10/07/13 14:08	1
Chlorobenzene	<1.0		1.0		ug/L			10/07/13 14:08	1
Chloroethane	<1.0		1.0		ug/L			10/07/13 14:08	1
Chloroform	<1.0		1.0		ug/L			10/07/13 14:08	1
Chloromethane	<1.0		1.0		ug/L			10/07/13 14:08	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			10/07/13 14:08	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			10/07/13 14:08	1
Dibromochloromethane	<1.0		1.0		ug/L			10/07/13 14:08	1
Dibromomethane	<5.0		5.0		ug/L			10/07/13 14:08	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			10/07/13 14:08	1
Ethylbenzene	<1.0		1.0		ug/L			10/07/13 14:08	1
Ethylene Dibromide	<1.0		1.0		ug/L			10/07/13 14:08	1
Hexachlorobutadiene	<5.0		5.0		ug/L			10/07/13 14:08	1
Isopropylbenzene	<1.0		1.0		ug/L			10/07/13 14:08	1
Methyl tert-butyl ether	<1.0		1.0		ug/L			10/07/13 14:08	1
Methylene Chloride	<5.0		5.0		ug/L			10/07/13 14:08	1
m-Xylene & p-Xylene	<10		10		ug/L			10/07/13 14:08	1
Naphthalene	<1.0		1.0		ug/L			10/07/13 14:08	1
n-Butylbenzene	<1.0		1.0		ug/L			10/07/13 14:08	1
N-Propylbenzene	<1.0		1.0		ug/L			10/07/13 14:08	1
o-Xylene	<5.0		5.0		ug/L			10/07/13 14:08	1
p-Cymene	<1.0		1.0		ug/L			10/07/13 14:08	1
sec-Butylbenzene	<1.0		1.0		ug/L			10/07/13 14:08	1

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

Client Sample ID: WSW (117)

Lab Sample ID: 400-80801-2

Date Collected: 09/30/13 09:30

Matrix: Water

Date Received: 10/01/13 09:48

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Styrene	<1.0		1.0		ug/L			10/07/13 14:08	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/07/13 14:08	1
Tetrachloroethene	<1.0		1.0		ug/L			10/07/13 14:08	1
Toluene	<1.0		1.0		ug/L			10/07/13 14:08	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/07/13 14:08	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			10/07/13 14:08	1
Trichloroethene	<1.0		1.0		ug/L			10/07/13 14:08	1
Trichlorofluoromethane	<1.0		1.0		ug/L			10/07/13 14:08	1
Vinyl chloride	<1.0		1.0		ug/L			10/07/13 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
4-Bromofluorobenzene	96		78 - 118					10/07/13 14:08	1
Dibromofluoromethane	96		81 - 121					10/07/13 14:08	1
Toluene-d8 (Sur)	90		80 - 120					10/07/13 14:08	1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
1,2,4,5-Tetrachlorobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
1,2,4-Trichlorobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
1,2-Dichlorobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
1,3-Dichlorobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
1,4-Dichlorobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
1-Chloronaphthalene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
1-Methylnaphthalene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
1-Naphthylamine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
2,3,4,6-Tetrachlorophenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
2,4,5-Trichlorophenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
2,4,6-Trichlorophenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
2,4-Dichlorophenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
2,4-Dimethylphenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
2,4-Dinitrophenol	<29		29		ug/L		10/02/13 12:49	10/06/13 16:16	1
2,4-Dinitrotoluene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
2,6-Dichlorophenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
2,6-Dinitrotoluene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
2-Chloronaphthalene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
2-Chlorophenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
2-Methylnaphthalene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
2-Methylphenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
2-Naphthylamine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
2-Nitroaniline	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
2-Nitrophenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
2-Picoline	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
3 & 4 Methylphenol	<19		19		ug/L		10/02/13 12:49	10/04/13 17:08	1
3,3'-Dichlorobenzidine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
3-Methylcholanthrene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
3-Nitroaniline	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
4,6-Dinitro-2-methylphenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
4-Bromophenyl phenyl ether	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
4-Chloro-3-methylphenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
4-Chloroaniline	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1

TestAmerica Pensacola

# Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

Client Sample ID: WSW (117)

Lab Sample ID: 400-80801-2

Date Collected: 09/30/13 09:30

Matrix: Water

Date Received: 10/01/13 09:48

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
4-Chlorophenyl phenyl ether	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
4-Nitroaniline	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
4-Nitrophenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
7,12-Dimethylbenz(a)anthracene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Acenaphthene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Acenaphthylene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Acetophenone	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Aniline	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Anthracene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Benzidine	<48		48		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Benzo(a)anthracene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Benzo(a)pyrene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Benzo(b)fluoranthene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Benzo(g,h,i)perylene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Benzo(k)fluoranthene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Benzoic acid	<29		29		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Benzyl alcohol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
bis (2-chloroisopropyl) ether	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Bis(2-chloroethoxy)methane	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Bis(2-chloroethyl)ether	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Bis(2-ethylhexyl) phthalate	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Butyl benzyl phthalate	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Carbazole	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Chrysene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Dibenz(a,h)anthracene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Dibenzofuran	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Diethyl phthalate	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Dimethyl phthalate	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Di-n-butyl phthalate	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Di-n-octyl phthalate	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Ethyl methanesulfonate	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Fluoranthene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Fluorene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Hexachlorobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Hexachlorobutadiene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Hexachlorocyclopentadiene	<19		19		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Hexachloroethane	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Indeno[1,2,3-cd]pyrene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Isophorone	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Methyl methanesulfonate	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Naphthalene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Nitrobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
N-Nitrosodimethylamine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
N-Nitrosodi-n-butylamine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
N-Nitrosodi-n-propylamine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
N-Nitrosodiphenylamine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
N-Nitrosopiperidine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
p-Dimethylamino azobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	
Pentachlorobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1	

TestAmerica Pensacola

## Client Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

Client Sample ID: WSW (117)

Lab Sample ID: 400-80801-2

Date Collected: 09/30/13 09:30

Matrix: Water

Date Received: 10/01/13 09:48

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachloronitrobenzene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
Pentachlorophenol	<19		19		ug/L		10/02/13 12:49	10/04/13 17:08	1
Phenacetin	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
Phenanthrene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
Phenol	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
Pronamide	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
Pyrene	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
Pyridine	<9.5		9.5		ug/L		10/02/13 12:49	10/04/13 17:08	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4,6-Tribromophenol (Surr)	78		15 - 135				10/02/13 12:49	10/04/13 17:08	1
2-Fluorobiphenyl	71		34 - 113				10/02/13 12:49	10/04/13 17:08	1
2-Fluorophenol (Surr)	49		10 - 104				10/02/13 12:49	10/04/13 17:08	1
Nitrobenzene-d5 (Surr)	70		27 - 110				10/02/13 12:49	10/04/13 17:08	1
Phenol-d5 (Surr)	61		10 - 110				10/02/13 12:49	10/04/13 17:08	1
Terphenyl-d14 (Surr)	84		53 - 125				10/02/13 12:49	10/04/13 17:08	1

**Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	<0.020		0.020		ug/L		10/03/13 10:56	10/04/13 10:49	1
1,2-Dibromo-3-Chloropropane	<0.030		0.030		ug/L		10/03/13 10:56	10/04/13 10:49	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	95		51 - 149				10/03/13 10:56	10/04/13 10:49	1

TestAmerica Pensacola

## QC Association Summary

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### GC/MS VOA

#### Analysis Batch: 193950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-80801-1	WSW (5717)	Total/NA	Water	8260B	
400-80801-1 MS	WSW (5717)	Total/NA	Water	8260B	
400-80801-1 MSD	WSW (5717)	Total/NA	Water	8260B	
400-80801-2	WSW (117)	Total/NA	Water	8260B	
LCS 400-193950/1000	Lab Control Sample	Total/NA	Water	8260B	
MB 400-193950/4	Method Blank	Total/NA	Water	8260B	

### GC/MS Semi VOA

#### Leach Batch: 193242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-80689-A-3-C MS	Matrix Spike	TCLP	Water	1311	
400-80689-A-3-D MSD	Matrix Spike Duplicate	TCLP	Water	1311	

#### Analysis Batch: 193447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-80689-A-3-C MS	Matrix Spike	TCLP	Water	8270D	193533
400-80689-A-3-D MSD	Matrix Spike Duplicate	TCLP	Water	8270D	193533
400-80801-1	WSW (5717)	Total/NA	Water	8270D	193533
400-80801-2	WSW (117)	Total/NA	Water	8270D	193533
LCS 400-193533/2-A	Lab Control Sample	Total/NA	Water	8270D	193533
LCSD 400-193533/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	193533
MB 400-193533/1-A	Method Blank	Total/NA	Water	8270D	193533

#### Prep Batch: 193533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-80689-A-3-C MS	Matrix Spike	TCLP	Water	3520C	193242
400-80689-A-3-D MSD	Matrix Spike Duplicate	TCLP	Water	3520C	193242
400-80801-1	WSW (5717)	Total/NA	Water	3520C	
400-80801-2	WSW (117)	Total/NA	Water	3520C	
LCS 400-193533/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 400-193533/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 400-193533/1-A	Method Blank	Total/NA	Water	3520C	

#### Analysis Batch: 193943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-80801-1	WSW (5717)	Total/NA	Water	8270D	193533
400-80801-2	WSW (117)	Total/NA	Water	8270D	193533

### GC Semi VOA

#### Prep Batch: 193670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-80801-1	WSW (5717)	Total/NA	Water	8011	
400-80801-2	WSW (117)	Total/NA	Water	8011	
LCS 400-193670/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 400-193670/3-A	Lab Control Sample Dup	Total/NA	Water	8011	
MB 400-193670/1-A	Method Blank	Total/NA	Water	8011	

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# QC Association Summary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

## GC Semi VOA (Continued)

Analysis Batch: 193807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-80801-1	WSW (5717)	Total/NA	Water	8011	193670
400-80801-2	WSW (117)	Total/NA	Water	8011	193670
LCS 400-193670/2-A	Lab Control Sample	Total/NA	Water	8011	193670
LCSD 400-193670/3-A	Lab Control Sample Dup	Total/NA	Water	8011	193670
MB 400-193670/1-A	Method Blank	Total/NA	Water	8011	193670



## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-193950/4  
 Matrix: Water  
 Analysis Batch: 193950

Client Sample ID: Method Blank  
 Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			10/07/13 09:49	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/07/13 09:49	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/07/13 09:49	1
1,1,2-Trichloroethane	<5.0		5.0		ug/L			10/07/13 09:49	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/07/13 09:49	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/07/13 09:49	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/07/13 09:49	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			10/07/13 09:49	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/07/13 09:49	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/07/13 09:49	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/07/13 09:49	1
1,2-Dichloroethane	<1.0		1.0		ug/L			10/07/13 09:49	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/07/13 09:49	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/07/13 09:49	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/07/13 09:49	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/07/13 09:49	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/07/13 09:49	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/07/13 09:49	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/07/13 09:49	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/07/13 09:49	1
Benzene	<1.0		1.0		ug/L			10/07/13 09:49	1
Bromobenzene	<1.0		1.0		ug/L			10/07/13 09:49	1
Bromochloromethane	<1.0		1.0		ug/L			10/07/13 09:49	1
Bromodichloromethane	<1.0		1.0		ug/L			10/07/13 09:49	1
Bromoform	<5.0		5.0		ug/L			10/07/13 09:49	1
Bromomethane	<1.0		1.0		ug/L			10/07/13 09:49	1
Carbon tetrachloride	<1.0		1.0		ug/L			10/07/13 09:49	1
Chlorobenzene	<1.0		1.0		ug/L			10/07/13 09:49	1
Chloroethane	<1.0		1.0		ug/L			10/07/13 09:49	1
Chloroform	<1.0		1.0		ug/L			10/07/13 09:49	1
Chloromethane	<1.0		1.0		ug/L			10/07/13 09:49	1
cis-1,2-Dichloroethane	<1.0		1.0		ug/L			10/07/13 09:49	1
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			10/07/13 09:49	1
Dibromochloromethane	<1.0		1.0		ug/L			10/07/13 09:49	1
Dibromomethane	<5.0		5.0		ug/L			10/07/13 09:49	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			10/07/13 09:49	1
Ethylbenzene	<1.0		1.0		ug/L			10/07/13 09:49	1
Ethylene Dibromide	<1.0		1.0		ug/L			10/07/13 09:49	1
Hexachlorobutadiene	<5.0		5.0		ug/L			10/07/13 09:49	1
Isopropylbenzene	<1.0		1.0		ug/L			10/07/13 09:49	1
Methyl tert-butyl ether	<1.0		1.0		ug/L			10/07/13 09:49	1
Methylene Chloride	<5.0		5.0		ug/L			10/07/13 09:49	1
m-Xylene & p-Xylene	<10		10		ug/L			10/07/13 09:49	1
Naphthalene	<1.0		1.0		ug/L			10/07/13 09:49	1
n-Butylbenzene	<1.0		1.0		ug/L			10/07/13 09:49	1
N-Propylbenzene	<1.0		1.0		ug/L			10/07/13 09:49	1
o-Xylene	<5.0		5.0		ug/L			10/07/13 09:49	1
p-Cymene	<1.0		1.0		ug/L			10/07/13 09:49	1

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TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-193950/4  
 Matrix: Water  
 Analysis Batch: 193950

Client Sample ID: Method Blank  
 Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
sec-Butylbenzene	<1.0		1.0		ug/L			10/07/13 09:49	1
Styrene	<1.0		1.0		ug/L			10/07/13 09:49	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/07/13 09:49	1
Tetrachloroethene	<1.0		1.0		ug/L			10/07/13 09:49	1
Toluene	<1.0		1.0		ug/L			10/07/13 09:49	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/07/13 09:49	1
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			10/07/13 09:49	1
Trichloroethene	<1.0		1.0		ug/L			10/07/13 09:49	1
Trichlorofluoromethane	<1.0		1.0		ug/L			10/07/13 09:49	1
Vinyl chloride	<1.0		1.0		ug/L			10/07/13 09:49	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	94		78 - 118		10/07/13 09:49	1
Dibromofluoromethane	100		81 - 121		10/07/13 09:49	1
Toluene-d8 (Surr)	92		80 - 120		10/07/13 09:49	1

Lab Sample ID: LCS 400-193950/1000  
 Matrix: Water  
 Analysis Batch: 193950

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	50.0	45.9		ug/L		92	66 - 126
1,1,1-Trichloroethane	50.0	59.3		ug/L		119	66 - 130
1,1,2,2-Tetrachloroethane	50.0	44.6		ug/L		89	68 - 132
1,1,2-Trichloroethane	50.0	55.6		ug/L		111	80 - 120
1,1-Dichloroethane	50.0	59.2		ug/L		118	75 - 126
1,1-Dichloroethene	50.0	49.1		ug/L		98	50 - 134
1,2,3-Trichlorobenzene	50.0	42.5		ug/L		85	62 - 130
1,2,3-Trichloropropane	50.0	51.8		ug/L		104	72 - 125
1,2,4-Trichlorobenzene	50.0	43.7		ug/L		87	69 - 128
1,2,4-Trimethylbenzene	50.0	41.8		ug/L		84	77 - 127
1,2-Dichlorobenzene	50.0	41.7		ug/L		83	80 - 121
1,2-Dichloroethane	50.0	60.7		ug/L		121	69 - 128
1,2-Dichloropropane	50.0	59.5		ug/L		119	77 - 126
1,3,5-Trimethylbenzene	50.0	39.6		ug/L		79	80 - 120
1,3-Dichlorobenzene	50.0	46.4		ug/L		93	77 - 124
1,3-Dichloropropane	50.0	52.3		ug/L		105	77 - 120
1,4-Dichlorobenzene	50.0	47.0		ug/L		94	79 - 120
2,2-Dichloropropane	50.0	56.7		ug/L		117	52 - 135
2-Chlorotoluene	50.0	47.6		ug/L		95	75 - 126
4-Chlorotoluene	50.0	49.9		ug/L		100	80 - 125
Benzene	50.0	55.3		ug/L		111	79 - 120
Bromobenzene	50.0	49.4		ug/L		99	80 - 121
Bromochloromethane	50.0	54.3		ug/L		109	80 - 120
Bromodichloromethane	50.0	54.5		ug/L		109	75 - 127
Bromoform	50.0	39.1		ug/L		78	65 - 121
Bromomethane	50.0	59.0		ug/L		118	10 - 150
Carbon tetrachloride	50.0	55.0		ug/L		110	46 - 141

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-193950/1000  
 Matrix: Water  
 Analysis Batch: 193950

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA



Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	50.0	52.1		ug/L		104	80 - 120
Chloroethane	50.0	62.6		ug/L		125	37 - 150
Chloroform	50.0	52.5		ug/L		105	73 - 122
Chloromethane	50.0	61.6		ug/L		123	49 - 141
cis-1,2-Dichloroethene	50.0	61.6		ug/L		123	78 - 122
cis-1,3-Dichloropropene	50.0	57.9		ug/L		116	70 - 122
Dibromochloromethane	50.0	46.4		ug/L		93	63 - 125
Dibromomethane	50.0	55.1		ug/L		110	78 - 120
Dichlorodifluoromethane	50.0	56.8		ug/L		114	27 - 144
Ethylbenzene	50.0	50.1		ug/L		100	80 - 120
Ethylene Dibromide	50.0	55.5		ug/L		111	80 - 120
Hexachlorobutadiene	50.0	41.9		ug/L		84	35 - 150
Isopropylbenzene	50.0	45.6		ug/L		91	76 - 120
Methyl tert-butyl ether	50.0	55.8		ug/L		112	70 - 124
Methylene Chloride	50.0	55.1		ug/L		110	70 - 130
m-Xylene & p-Xylene	50.0	50.7		ug/L		101	70 - 130
Naphthalene	50.0	41.0		ug/L		82	45 - 131
n-Butylbenzene	50.0	40.9		ug/L		82	76 - 138
N-Propylbenzene	50.0	46.1		ug/L		92	75 - 128
o-Xylene	50.0	47.2		ug/L		94	70 - 130
sec-Butylbenzene	50.0	40.6		ug/L		81	78 - 128
Styrene	50.0	48.6		ug/L		97	79 - 124
tert-Butylbenzene	50.0	41.2		ug/L		82	80 - 120
Tetrachloroethene	50.0	52.0		ug/L		104	76 - 124
Toluene	50.0	52.1		ug/L		104	80 - 120
trans-1,2-Dichloroethene	50.0	56.3		ug/L		113	70 - 126
trans-1,3-Dichloropropene	50.0	46.2		ug/L		92	64 - 120
Trichloroethene	50.0	59.6		ug/L		119	77 - 120
Trichlorofluoromethane	50.0	54.0		ug/L		108	26 - 150
Vinyl chloride	50.0	59.4		ug/L		119	60 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	105		78 - 118
Dibromofluoromethane	99		81 - 121
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: 400-80801-1 MS  
 Matrix: Water  
 Analysis Batch: 193950

Client Sample ID: WSW (5717)  
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<1.0		50.0	41.4		ug/L		83	42 - 135
1,1,1-Trichloroethane	<1.0		50.0	54.7		ug/L		109	60 - 131
1,1,2,2-Tetrachloroethane	<1.0		50.0	47.3		ug/L		95	52 - 148
1,1,2-Trichloroethane	<5.0		50.0	50.6		ug/L		101	68 - 127
1,1-Dichloroethane	<1.0		50.0	55.4		ug/L		111	10 - 150
1,1-Dichloroethene	<1.0		50.0	46.3		ug/L		93	10 - 150
1,2,3-Trichlorobenzene	<1.0		50.0	35.7		ug/L		71	30 - 137

TestAmerica Pensacola

# QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-80801-1 MS  
 Matrix: Water  
 Analysis Batch: 193950

Client Sample ID: WSW (5717)  
 Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier			%Rec	
1,2,3-Trichloropropane	<5.0		50.0	49.7		ug/L		99	67 - 130
1,2,4-Trichlorobenzene	<1.0		50.0	37.9		ug/L		76	20 - 139
1,2,4-Trimethylbenzene	<1.0		50.0	37.8		ug/L		76	10 - 150
1,2-Dichlorobenzene	<1.0		50.0	38.5		ug/L		76	10 - 150
1,2-Dichloroethane	<1.0		50.0	57.0		ug/L		114	10 - 150
1,2-Dichloropropane	<1.0		50.0	59.1		ug/L		118	65 - 132
1,3,5-Trimethylbenzene	<1.0		50.0	36.4		ug/L		73	10 - 150
1,3-Dichlorobenzene	<1.0		50.0	41.7		ug/L		83	25 - 136
1,3-Dichloropropane	<1.0		50.0	48.1		ug/L		96	67 - 127
1,4-Dichlorobenzene	<1.0		50.0	43.1		ug/L		86	10 - 150
2,2-Dichloropropane	<1.0		50.0	51.8		ug/L		104	46 - 132
2-Chlorotoluene	<1.0		50.0	41.1		ug/L		82	10 - 150
4-Chlorotoluene	<1.0		50.0	44.9		ug/L		90	17 - 145
Benzene	<1.0		50.0	52.7		ug/L		105	10 - 150
Bromobenzene	<1.0		50.0	45.9		ug/L		92	38 - 135
Bromochloromethane	<1.0		50.0	51.4		ug/L		103	75 - 120
Bromodichloromethane	<1.0		50.0	50.9		ug/L		102	61 - 133
Bromoform	<5.0		50.0	37.0		ug/L		74	54 - 125
Bromomethane	<1.0		50.0	55.8		ug/L		112	10 - 150
Carbon tetrachloride	<1.0		50.0	49.8		ug/L		100	40 - 138
Chlorobenzene	<1.0		50.0	46.3		ug/L		93	10 - 150
Chloroethane	<1.0		50.0	57.1		ug/L		114	38 - 150
Chloroform	<1.0		50.0	50.1		ug/L		100	10 - 150
Chloromethane	<1.0		50.0	58.5		ug/L		117	26 - 150
cis-1,2-Dichloroethene	<1.0		50.0	57.2		ug/L		114	10 - 150
cis-1,3-Dichloropropene	<5.0		50.0	52.6		ug/L		105	52 - 130
Dibromochloromethane	<1.0		50.0	43.3		ug/L		87	50 - 130
Dibromomethane	<5.0		50.0	51.7		ug/L		103	69 - 123
Dichlorodifluoromethane	<1.0		50.0	52.5		ug/L		105	10 - 150
Ethylbenzene	<1.0		50.0	44.1		ug/L		88	10 - 150
Ethylene Dibromide	<1.0		50.0	51.5		ug/L		103	70 - 125
Hexachlorobutadiene	<5.0		50.0	35.4		ug/L		71	10 - 150
Isopropylbenzene	<1.0		50.0	39.1		ug/L		78	10 - 150
Methyl tert-butyl ether	<1.0		50.0	53.2		ug/L		106	10 - 150
Methylene Chloride	<5.0		50.0	50.5		ug/L		101	10 - 150
m-Xylene & p-Xylene	<1.0		50.0	43.9		ug/L		88	10 - 150
Naphthalene	<1.0		50.0	38.3		ug/L		77	10 - 150
n-Butylbenzene	<1.0		50.0	34.7		ug/L		68	10 - 150
N-Propylbenzene	<1.0		50.0	41.8		ug/L		84	10 - 150
o-Xylene	<5.0		50.0	42.2		ug/L		84	10 - 150
sec-Butylbenzene	<1.0		50.0	36.3		ug/L		71	10 - 150
Styrene	<1.0		50.0	43.6		ug/L		87	24 - 147
tert-Butylbenzene	<1.0		50.0	37.9		ug/L		75	10 - 150
Tetrachloroethene	<1.0		50.0	44.1		ug/L		88	10 - 150
Toluene	<1.0		50.0	46.6		ug/L		93	10 - 150
trans-1,2-Dichloroethene	<1.0		50.0	53.2		ug/L		106	66 - 126
trans-1,3-Dichloropropene	<5.0		50.0	43.5		ug/L		87	45 - 128
Trichloroethene	<1.0		50.0	52.5		ug/L		103	10 - 150



TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-80801-1 MS						Client Sample ID: WSW (5717)			
Matrix: Water						Prep Type: Total/NA			
Analysis Batch: 193950									
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichlorofluoromethane	<1.0		50.0	51.4		ug/L		103	29 - 144
Vinyl chloride	<1.0		50.0	54.8		ug/L		110	46 - 136
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene	108		78 - 118						
Dibromofluoromethane	101		81 - 121						
Toluene-d8 (Surr)	95		80 - 120						

Lab Sample ID: 400-80801-1 MSD						Client Sample ID: WSW (5717)					
Matrix: Water						Prep Type: Total/NA					
Analysis Batch: 193950											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<1.0		50.0	48.5		ug/L		97	42 - 135	16	23
1,1,1-Trichloroethane	<1.0		50.0	59.5		ug/L		119	60 - 131	8	20
1,1,2,2-Tetrachloroethane	<1.0		50.0	49.3		ug/L		99	52 - 148	4	20
1,1,2-Trichloroethane	<5.0		50.0	54.5		ug/L		109	68 - 127	8	19
1,1-Dichloroethane	<1.0		50.0	59.2		ug/L		118	10 - 150	7	18
1,1-Dichloroethene	<1.0		50.0	50.1		ug/L		100	10 - 150	8	19
1,2,3-Trichlorobenzene	<1.0		50.0	48.2		ug/L		96	30 - 137	30	44
1,2,3-Trichloropropane	<5.0		50.0	54.8		ug/L		110	67 - 130	10	22
1,2,4-Trichlorobenzene	<1.0		50.0	48.0		ug/L		96	20 - 139	24	44
1,2,4-Trimethylbenzene	<1.0		50.0	47.1		ug/L		94	10 - 150	22	54
1,2-Dichlorobenzene	<1.0		50.0	47.0		ug/L		93	10 - 150	20	38
1,2-Dichloroethane	<1.0		50.0	63.5		ug/L		127	10 - 150	11	19
1,2-Dichloropropane	<1.0		50.0	62.6		ug/L		125	65 - 132	6	18
1,3,5-Trimethylbenzene	<1.0		50.0	44.4		ug/L		89	10 - 150	20	53
1,3-Dichlorobenzene	<1.0		50.0	48.5		ug/L		97	25 - 136	15	44
1,3-Dichloropropane	<1.0		50.0	53.1		ug/L		106	67 - 127	10	20
1,4-Dichlorobenzene	<1.0		50.0	50.2		ug/L		100	10 - 150	15	45
2,2-Dichloropropane	<1.0		50.0	58.0		ug/L		116	46 - 132	11	20
2-Chlorotoluene	<1.0		50.0	48.0		ug/L		96	10 - 150	16	47
4-Chlorotoluene	<1.0		50.0	53.3		ug/L		107	17 - 145	17	51
Benzene	<1.0		50.0	56.2		ug/L		112	10 - 150	6	19
Bromobenzene	<1.0		50.0	53.0		ug/L		106	38 - 135	15	35
Bromochloromethane	<1.0		50.0	56.7		ug/L		113	75 - 120	10	17
Bromodichloromethane	<1.0		50.0	53.9		ug/L		108	61 - 133	6	19
Bromoform	<5.0		50.0	40.0		ug/L		80	54 - 125	8	19
Bromomethane	<1.0		50.0	60.2		ug/L		120	10 - 150	8	24
Carbon tetrachloride	<1.0		50.0	55.2		ug/L		110	40 - 138	10	21
Chlorobenzene	<1.0		50.0	53.2		ug/L		106	10 - 150	14	30
Chloroethane	<1.0		50.0	62.1		ug/L		124	38 - 150	8	23
Chloroform	<1.0		50.0	53.4		ug/L		107	10 - 150	6	18
Chloromethane	<1.0		50.0	65.3		ug/L		131	26 - 150	11	23
cis-1,2-Dichloroethene	<1.0		50.0	62.3		ug/L		125	10 - 150	9	20
cis-1,3-Dichloropropene	<5.0		50.0	59.7		ug/L		119	52 - 130	13	20
Dibromochloromethane	<1.0		50.0	46.4		ug/L		93	50 - 130	7	21
Dibromomethane	<5.0		50.0	55.4		ug/L		111	69 - 123	7	18

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-80801-1 MSD				Client Sample ID: WSW (5717)							
Matrix: Water				Prep Type: Total/NA							
Analysis Batch: 193950											
Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Dichlorodifluoromethane	<1.0		50.0	57.6		ug/L		115	10 - 150	9	23
Ethylbenzene	<1.0		50.0	51.4		ug/L		103	10 - 150	15	40
Ethylene Dibromide	<1.0		50.0	56.3		ug/L		113	70 - 125	9	21
Hexachlorobutadiene	<5.0		50.0	50.6		ug/L		101	10 - 150	35	92
Isopropylbenzene	<1.0		50.0	49.1		ug/L		98	10 - 150	23	46
Methyl tert-butyl ether	<1.0		50.0	56.3		ug/L		113	10 - 150	6	18
Methylene Chloride	<5.0		50.0	57.0		ug/L		114	10 - 150	12	18
m-Xylene & p-Xylene	<10		50.0	51.6		ug/L		103	10 - 150	16	43
Naphthalene	<1.0		50.0	51.2		ug/L		102	10 - 150	29	53
n-Butylbenzene	<1.0		50.0	44.3		ug/L		87	10 - 150	24	76
N-Propylbenzene	<1.0		50.0	49.9		ug/L		100	10 - 150	18	57
o-Xylene	<5.0		50.0	49.6		ug/L		99	10 - 150	16	39
sec-Butylbenzene	<1.0		50.0	46.3		ug/L		91	10 - 150	24	64
Styrene	<1.0		50.0	49.9		ug/L		100	24 - 147	14	40
tert-Butylbenzene	<1.0		50.0	46.5		ug/L		92	10 - 150	20	54
Tetrachloroethene	<1.0		50.0	50.9		ug/L		102	10 - 150	14	35
Toluene	<1.0		50.0	51.9		ug/L		104	10 - 150	11	26
trans-1,2-Dichloroethene	<1.0		50.0	56.1		ug/L		112	68 - 126	5	19
trans-1,3-Dichloropropene	<5.0		50.0	48.9		ug/L		98	45 - 128	12	20
Trichloroethene	<1.0		50.0	58.0		ug/L		114	10 - 150	10	22
Trichlorofluoromethane	<1.0		50.0	56.3		ug/L		113	29 - 144	9	20
Vinyl chloride	<1.0		50.0	59.9		ug/L		120	48 - 136	9	20
Surrogate	MSD MSD		Limits								
	%Recovery	Qualifier									
4-Bromofluorobenzene	104		78 - 118								
Dibromofluoromethane	100		81 - 121								
Toluene-d8 (Surr)	97		80 - 120								

### Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-193533/1-A				Client Sample ID: Method Blank					
Matrix: Water				Prep Type: Total/NA					
Analysis Batch: 193447				Prep Batch: 193533					
Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
	Result	Qualifier							
1,2,4,5-Tetrachlorobenzene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
1,2,4-Trichlorobenzene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
1,2-Dichlorobenzene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
1,3-Dichlorobenzene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
1,4-Dichlorobenzene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
1-Methylnaphthalene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
2,3,4,6-Tetrachlorophenol	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
2,4,5-Trichlorophenol	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
2,4,6-Trichlorophenol	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
2,4-Dichlorophenol	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
2,4-Dimethylphenol	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
2,4-Dinitrophenol	<30		30		ug/L		10/02/13 12:49	10/04/13 11:56	1
2,4-Dinitrotoluene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-193533/1-A  
Matrix: Water  
Analysis Batch: 193447

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 193533

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
	Result	Qualifier							
2,6-Dinitrotoluene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
2-Chloronaphthalene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
2-Chlorophenol	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
2-Methylnaphthalene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
2-Methylphenol	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
2-Nitroaniline	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
2-Nitrophenol	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
3 & 4 Methylphenol	<20		20		ug/L		10/02/13 12:49	10/04/13 11:56	1
3,3'-Dichlorobenzidine	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
3-Nitroaniline	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
4,6-Dinitro-2-methylphenol	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
4-Bromophenyl phenyl ether	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
4-Chloro-3-methylphenol	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
4-Chloroaniline	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
4-Chlorophenyl phenyl ether	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
4-Nitroaniline	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
4-Nitrophenol	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Acenaphthene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Acenaphthylene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Acetophenone	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Aniline	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Anthracene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Benzidine	<50		50		ug/L		10/02/13 12:49	10/04/13 11:56	1
Benzo[a]anthracene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Benzo[a]pyrene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Benzo[b]fluoranthene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Benzo[g,h,i]perylene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Benzo[k]fluoranthene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Benzoic acid	<30		30		ug/L		10/02/13 12:49	10/04/13 11:56	1
Benzyl alcohol	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
bis(2-chloroisopropyl) ether	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Bis(2-chloroethoxy)methane	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Bis(2-chloroethyl)ether	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Bis(2-ethylhexyl) phthalate	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Butyl benzyl phthalate	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Carbazole	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Chrysene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Dibenz(a,h)anthracene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Dibenzofuran	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Diethyl phthalate	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Dimethyl phthalate	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Di-n-butyl phthalate	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Di-n-octyl phthalate	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Fluoranthene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Fluorene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Hexachlorobenzene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Hexachlorobutadiene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1
Hexachlorocyclopentadiene	<20		20		ug/L		10/02/13 12:49	10/04/13 11:56	1

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-193533/1-A		Client Sample ID: Method Blank								
Matrix: Water		Prep Type: Total/NA								
Analysis Batch: 193447		Prep Batch: 193533								
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Hexachloroethane	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1	
Indeno[1,2,3-cd]pyrene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1	
Isophorone	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1	
Naphthalene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1	
Nitrobenzene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1	
N-Nitrosodimethylamine	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1	
N-Nitrosodi-n-butylamine	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1	
N-Nitrosodi-n-propylamine	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1	
N-Nitrosodiphenylamine	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1	
Pentachlorobenzene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1	
Pentachlorophenol	<20		20		ug/L		10/02/13 12:49	10/04/13 11:56	1	
Phenanthrene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1	
Phenol	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1	
Pyrene	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1	
Pyridine	<10		10		ug/L		10/02/13 12:49	10/04/13 11:56	1	

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	70		15 - 135	10/02/13 12:49	10/04/13 11:56	1
2-Fluorobiphenyl	70		34 - 113	10/02/13 12:49	10/04/13 11:56	1
2-Fluorophenol (Surr)	59		10 - 104	10/02/13 12:49	10/04/13 11:56	1
Nitrobenzene-d5 (Surr)	69		27 - 110	10/02/13 12:49	10/04/13 11:56	1
Phenol-d5 (Surr)	63		10 - 110	10/02/13 12:49	10/04/13 11:56	1
Terphenyl-d14 (Surr)	80		53 - 125	10/02/13 12:49	10/04/13 11:56	1

Lab Sample ID: LCS 400-193533/2-A		Client Sample ID: Lab Control Sample								
Matrix: Water		Prep Type: Total/NA								
Analysis Batch: 193447		Prep Batch: 193533								
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits			
1,2,4,5-Tetrachlorobenzene	50.0	40.0		ug/L		80	54 - 128			
1,2,4-Trichlorobenzene	50.0	37.7		ug/L		75	57 - 120			
1,2-Dichlorobenzene	50.0	33.8		ug/L		68	53 - 120			
1,3-Dichlorobenzene	50.0	34.7		ug/L		69	51 - 120			
1,4-Dichlorobenzene	50.0	35.2		ug/L		70	51 - 120			
1-Methylnaphthalene	50.0	36.5		ug/L		73	59 - 120			
2,3,4,6-Tetrachlorophenol	50.0	31.0		ug/L		62	46 - 131			
2,4,5-Trichlorophenol	50.0	41.0		ug/L		82	53 - 130			
2,4,6-Trichlorophenol	50.0	40.4		ug/L		81	52 - 131			
2,4-Dichlorophenol	50.0	38.4		ug/L		77	52 - 125			
2,4-Dimethylphenol	50.0	38.2		ug/L		76	52 - 121			
2,4-Dinitrophenol	100	66.3		ug/L		66	22 - 146			
2,4-Dinitrotoluene	50.0	40.0		ug/L		80	54 - 141			
2,6-Dinitrotoluene	50.0	40.7		ug/L		81	61 - 130			
2-Chloronaphthalene	50.0	38.7		ug/L		77	24 - 150			
2-Chlorophenol	50.0	35.3		ug/L		71	45 - 120			
2-Methylnaphthalene	50.0	36.2		ug/L		72	58 - 123			
2-Methylphenol	50.0	33.8		ug/L		68	38 - 121			
2-Nitroaniline	50.0	36.8		ug/L		74	52 - 135			

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### Method: 8270D - Semivolatle Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-193533/2-A  
 Matrix: Water  
 Analysis Batch: 193447

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 193533



Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Nitrophenol	50.0	37.1		ug/L		74	47 - 129
3 & 4 Methylphenol	50.0	37.0		ug/L		74	43 - 126
3,3'-Dichlorobenzidine	50.0	54.4		ug/L		109	16 - 167
3-Nitroaniline	50.0	40.0		ug/L		80	51 - 128
4,6-Dinitro-2-methylphenol	100	74.4		ug/L		74	46 - 136
4-Bromophenyl phenyl ether	50.0	42.6		ug/L		85	62 - 132
4-Chloro-3-methylphenol	50.0	37.9		ug/L		76	47 - 135
4-Chloroaniline	50.0	36.1		ug/L		72	32 - 128
4-Chlorophenyl phenyl ether	50.0	41.7		ug/L		83	61 - 133
4-Nitroaniline	50.0	37.7		ug/L		75	38 - 141
4-Nitrophenol	100	59.6		ug/L		60	34 - 137
Acenaphthene	50.0	39.8		ug/L		80	57 - 125
Acenaphthylene	50.0	37.8		ug/L		76	59 - 125
Acetophenone	50.0	38.6		ug/L		77	53 - 127
Aniline	50.0	29.7		ug/L		59	10 - 145
Anthracene	50.0	38.9		ug/L		78	65 - 128
Benzidine	50.0	<50		ug/L		75	10 - 159
Benzo[a]anthracene	50.0	40.7		ug/L		81	63 - 126
Benzo[a]pyrene	50.0	41.7		ug/L		83	61 - 125
Benzo[b]fluoranthene	50.0	41.6		ug/L		83	49 - 140
Benzo[g,h,i]perylene	50.0	48.8		ug/L		98	51 - 149
Benzo[k]fluoranthene	50.0	43.8		ug/L		88	56 - 138
Benzoic acid	100	48.3		ug/L		48	10 - 120
Benzyl alcohol	50.0	36.3		ug/L		73	51 - 121
bis (2-chloroisopropyl) ether	50.0	32.2		ug/L		64	20 - 142
Bis(2-chloroethoxy)methane	50.0	37.4		ug/L		75	54 - 123
Bis(2-chloroethyl)ether	50.0	36.9		ug/L		74	47 - 120
Bis(2-ethylhexyl) phthalate	50.0	44.2		ug/L		88	62 - 140
Butyl benzyl phthalate	50.0	44.8		ug/L		90	51 - 150
Carbazole	50.0	45.8		ug/L		92	57 - 136
Chrysene	50.0	41.1		ug/L		82	60 - 126
Dibenz(a,h)anthracene	50.0	46.2		ug/L		92	57 - 133
Dibenzofuran	50.0	37.2		ug/L		74	62 - 124
Diethyl phthalate	50.0	38.0		ug/L		76	55 - 140
Dimethyl phthalate	50.0	38.2		ug/L		76	50 - 133
Di-n-butyl phthalate	50.0	37.9		ug/L		76	59 - 144
Di-n-octyl phthalate	50.0	39.9		ug/L		80	55 - 140
Fluoranthene	50.0	38.2		ug/L		76	66 - 131
Fluorene	50.0	38.7		ug/L		77	60 - 132
Hexachlorobenzene	50.0	40.9		ug/L		82	60 - 138
Hexachlorobutadiene	50.0	37.0		ug/L		74	48 - 126
Hexachlorocyclopentadiene	50.0	31.9		ug/L		64	19 - 139
Hexachloroethane	50.0	32.5		ug/L		65	46 - 121
Indeno[1,2,3-cd]pyrene	50.0	45.8		ug/L		92	55 - 135
Isophorone	50.0	37.5		ug/L		75	57 - 122
Naphthalene	50.0	35.9		ug/L		72	55 - 125
Nitrobenzene	50.0	35.9		ug/L		72	52 - 128
N-Nitrosodimethylamine	50.0	34.3		ug/L		69	21 - 134

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-193533/2-A  
Matrix: Water  
Analysis Batch: 193447

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 193533

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodi-n-butylamine	50.0	37.0		ug/L		74	45 - 145
N-Nitrosodi-n-propylamine	50.0	37.8		ug/L		76	41 - 143
N-Nitrosodiphenylamine	58.6	48.4		ug/L		83	10 - 185
Pentachlorobenzene	50.0	41.0		ug/L		82	58 - 128
Pentachlorophenol	100	61.3		ug/L		61	38 - 138
Phenanthrene	50.0	39.8		ug/L		80	64 - 133
Phenol	50.0	32.0		ug/L		64	37 - 120
Pyrene	50.0	44.5		ug/L		89	55 - 142
Pyridine	50.0	26.5		ug/L		53	10 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	82		15 - 135
2-Fluorobiphenyl	74		34 - 113
2-Fluorophenol (Surr)	61		10 - 104
Nitrobenzene-d5 (Surr)	72		27 - 110
Phenol-d5 (Surr)	61		10 - 110
Terphenyl-d14 (Surr)	87		53 - 125

Lab Sample ID: LCSD 400-193533/3-A  
Matrix: Water  
Analysis Batch: 193447

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 193533

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4,5-Tetrachlorobenzene	50.0	43.0		ug/L		86	54 - 128	7	30
1,2,4-Trichlorobenzene	50.0	39.9		ug/L		80	57 - 120	6	30
1,2-Dichlorobenzene	50.0	35.7		ug/L		71	53 - 120	5	30
1,3-Dichlorobenzene	50.0	37.0		ug/L		74	51 - 120	6	30
1,4-Dichlorobenzene	50.0	37.4		ug/L		75	51 - 120	6	30
1-Methylnaphthalene	50.0	39.3		ug/L		79	59 - 120	8	30
2,3,4,6-Tetrachlorophenol	50.0	39.5		ug/L		79	46 - 131	24	30
2,4,5-Trichlorophenol	50.0	43.3		ug/L		87	53 - 130	6	30
2,4,6-Trichlorophenol	50.0	42.5		ug/L		85	52 - 131	5	30
2,4-Dichlorophenol	50.0	39.5		ug/L		79	52 - 125	3	30
2,4-Dimethylphenol	50.0	39.2		ug/L		78	52 - 121	3	30
2,4-Dinitrophenol	100	76.8		ug/L		77	22 - 146	15	30
2,4-Dinitrotoluene	50.0	44.6		ug/L		89	54 - 141	11	30
2,6-Dinitrotoluene	50.0	43.6		ug/L		87	61 - 130	7	30
2-Chloronaphthalene	50.0	41.3		ug/L		83	24 - 150	7	30
2-Chlorophenol	50.0	36.2		ug/L		72	45 - 120	2	30
2-Methylnaphthalene	50.0	38.9		ug/L		78	58 - 123	7	30
2-Methylphenol	50.0	35.0		ug/L		70	38 - 121	4	30
2-Nitroaniline	50.0	40.5		ug/L		81	52 - 135	9	30
2-Nitrophenol	50.0	39.0		ug/L		78	47 - 129	5	30
3 & 4 Methylphenol	50.0	37.6		ug/L		75	43 - 126	2	30
3,3'-Dichlorobenzidine	50.0	61.7		ug/L		123	16 - 167	13	30
3-Nitroaniline	50.0	43.6		ug/L		87	51 - 128	9	30
4,6-Dinitro-2-methylphenol	100	84.9		ug/L		85	46 - 136	13	30
4-Bromophenyl phenyl ether	50.0	45.0		ug/L		90	62 - 132	6	30

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 400-193533/3-A  
 Matrix: Water  
 Analysis Batch: 193447

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 193533

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Added	Result	Qualifier				Limits		Limit
4-Chloro-3-methylphenol	50.0	40.5		ug/L		81	47 - 135	7	30
4-Chloroaniline	50.0	35.8		ug/L		72	32 - 128	1	30
4-Chlorophenyl phenyl ether	50.0	44.9		ug/L		90	61 - 133	7	30
4-Nitroaniline	50.0	55.8		ug/L		112	38 - 141	39	30
4-Nitrophenol	100	62.9		ug/L		63	34 - 137	5	30
Acenaphthene	50.0	42.7		ug/L		85	57 - 125	7	30
Acenaphthylene	50.0	40.8		ug/L		82	59 - 125	8	30
Acetophenone	50.0	40.6		ug/L		81	53 - 127	5	30
Aniline	50.0	26.4		ug/L		53	10 - 145	12	30
Anthracene	50.0	42.8		ug/L		86	65 - 128	9	30
Benzidine	50.0	<50		ug/L		64	10 - 159	16	30
Benzo[a]anthracene	50.0	45.6		ug/L		91	63 - 126	11	30
Benzo[a]pyrene	50.0	46.8		ug/L		94	61 - 125	12	30
Benzo[b]fluoranthene	50.0	47.2		ug/L		94	49 - 140	13	30
Benzo[g,h,i]perylene	50.0	54.5		ug/L		109	51 - 149	11	30
Benzo[k]fluoranthene	50.0	47.7		ug/L		95	56 - 138	9	30
Benzic acid	100	45.5		ug/L		48	10 - 120	6	30
Benzyl alcohol	50.0	38.0		ug/L		76	51 - 121	5	30
bis (2-chloroisopropyl) ether	50.0	33.4		ug/L		67	20 - 142	4	30
Bis(2-chloroethoxy)methane	50.0	39.1		ug/L		78	54 - 123	4	30
Bis(2-chloroethyl)ether	50.0	38.2		ug/L		76	47 - 120	3	30
Bis(2-ethylhexyl) phthalate	50.0	48.7		ug/L		97	62 - 140	10	30
Butyl benzyl phthalate	50.0	48.1		ug/L		96	51 - 150	7	30
Carbazole	50.0	50.6		ug/L		101	57 - 136	10	30
Chrysene	50.0	45.3		ug/L		91	60 - 126	10	30
Dibenz(a,h)anthracene	50.0	51.2		ug/L		102	57 - 133	10	30
Dibenzofuran	50.0	40.6		ug/L		81	62 - 124	9	30
Diethyl phthalate	50.0	41.7		ug/L		83	55 - 140	9	30
Dimethyl phthalate	50.0	41.0		ug/L		82	50 - 133	7	30
Di-n-butyl phthalate	50.0	41.9		ug/L		84	59 - 144	10	30
Di-n-octyl phthalate	50.0	45.2		ug/L		90	55 - 140	12	30
Fluoranthene	50.0	42.5		ug/L		85	66 - 131	10	30
Fluorene	50.0	41.5		ug/L		83	60 - 132	7	30
Hexachlorobenzene	50.0	44.1		ug/L		88	60 - 138	7	30
Hexachlorobutadiene	50.0	39.3		ug/L		79	48 - 126	6	30
Hexachlorocyclopentadiene	50.0	33.0		ug/L		66	19 - 139	3	30
Hexachloroethane	50.0	34.5		ug/L		69	46 - 121	6	30
Indeno[1,2,3-cd]pyrene	50.0	51.0		ug/L		102	55 - 135	11	30
Isophorone	50.0	39.4		ug/L		79	57 - 122	5	30
Naphthalene	50.0	38.2		ug/L		76	55 - 125	6	30
Nitrobenzene	50.0	37.5		ug/L		75	52 - 128	5	30
N-Nitrosodimethylamine	50.0	33.5		ug/L		67	21 - 134	2	30
N-Nitrosodi-n-butylamine	50.0	39.2		ug/L		78	45 - 145	6	30
N-Nitrosodi-n-propylamine	50.0	39.4		ug/L		79	41 - 143	4	30
N-Nitrosodiphenylamine	58.6	51.9		ug/L		89	10 - 185	7	30
Pentachlorobenzene	50.0	43.6		ug/L		87	58 - 128	6	30
Pentachlorophenol	100	71.6		ug/L		72	38 - 138	15	30
Phenanthrene	50.0	43.6		ug/L		87	64 - 133	9	30

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## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 400-193533/3-A  
Matrix: Water  
Analysis Batch: 193447

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 193533

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD
									Limit
Phenol	50.0	31.0		ug/L		62	37 - 120	3	30
Pyrene	50.0	47.3		ug/L		95	55 - 142	6	30
Pyridine	50.0	23.3		ug/L		47	10 - 127	13	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	78		34 - 113
2-Fluorophenol (Surr)	60		10 - 104
Nitrobenzene-d5 (Surr)	74		27 - 110
Phenol-d5 (Surr)	59		10 - 110
Terphenyl-d14 (Surr)	91		53 - 125

Lab Sample ID: 400-80689-A-3-C MS  
Matrix: Water  
Analysis Batch: 193447

Client Sample ID: Matrix Spike  
Prep Type: TCLP  
Prep Batch: 193533

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
1,2,4-Trichlorobenzene	<40		200	157		ug/L		78	39 - 101
1,2-Dichlorobenzene	<40		200	142		ug/L		71	38 - 91
1,3-Dichlorobenzene	<40		200	150		ug/L		75	35 - 90
1,4-Dichlorobenzene	<40		200	149		ug/L		75	36 - 89
1-Methylnaphthalene	<40		200	152		ug/L		76	31 - 124
2,3,4,6-Tetrachlorophenol	<40		200	150		ug/L		75	26 - 123
2,4,5-Trichlorophenol	<40		200	169		ug/L		85	34 - 96
2,4,6-Trichlorophenol	<40		200	164		ug/L		82	33 - 97
2,4-Dichlorophenol	<40		200	154		ug/L		77	31 - 95
2,4-Dimethylphenol	<40		200	156		ug/L		78	21 - 99
2,4-Dinitrophenol	<120		400	311		ug/L		78	15 - 140
2,4-Dinitrotoluene	<40		200	171		ug/L		86	53 - 111
2,6-Dinitrotoluene	<40		200	170		ug/L		85	43 - 118
2-Chloronaphthalene	<40		200	160		ug/L		80	39 - 93
2-Chlorophenol	<40		200	145		ug/L		73	25 - 92
2-Methylnaphthalene	<40		200	153		ug/L		76	13 - 133
2-Methylphenol	<40		200	139		ug/L		56	28 - 93
2-Nitroaniline	<40		200	155		ug/L		78	45 - 115
2-Nitrophenol	<40		200	155		ug/L		77	33 - 95
3 & 4 Methylphenol	<80		200	150		ug/L		75	31 - 93
3,3'-Dichlorobenzidine	<40		200	209	F	ug/L		105	10 - 86
3-Nitroaniline	<40		200	169		ug/L		84	10 - 130
4,6-Dinitro-2-methylphenol	<40		400	331		ug/L		83	25 - 118
4-Bromophenyl phenyl ether	<40		200	170		ug/L		85	40 - 119
4-Chloro-3-methylphenol	<40		200	159		ug/L		79	34 - 98
4-Chloroaniline	<40		200	150		ug/L		75	10 - 105
4-Chlorophenyl phenyl ether	<40		200	173		ug/L		86	44 - 118
4-Nitroaniline	<40		200	217		ug/L		108	10 - 132
4-Nitrophenol	<40		400	253		ug/L		63	10 - 118
Acenaphthene	<40		200	165		ug/L		82	47 - 109

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-80689-A-3-C MS  
 Matrix: Water  
 Analysis Batch: 193447

Client Sample ID: Matrix Spike  
 Prep Type: TCLP  
 Prep Batch: 193533

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Acenaphthylene	<40		200	157		ug/L		79	36 - 118
Acetophenone	<40		200	158		ug/L		79	52 - 103
Aniline	<40		200	113		ug/L		56	10 - 100
Anthracene	<40		200	163		ug/L		82	45 - 118
Benzidine	<200		200	<200	F	ug/L		46	50 - 150
Benzo[a]anthracene	<40		200	170		ug/L		85	33 - 118
Benzo[a]pyrene	<40		200	176		ug/L		88	26 - 103
Benzo[b]fluoranthene	<40		200	180		ug/L		90	29 - 104
Benzo[g,h,i]perylene	<40		200	190		ug/L		94	18 - 128
Benzo[k]fluoranthene	<40		200	181		ug/L		90	33 - 121
Benzoic acid	<120		400	281		ug/L		51	10 - 149
Benzyl alcohol	<40		200	214		ug/L		88	33 - 108
bis (2-chloroisopropyl) ether	<40		200	132		ug/L		66	28 - 116
Bis(2-chloroethoxy)methane	<40		200	152		ug/L		76	26 - 116
Bis(2-chloroethyl)ether	<40		200	154		ug/L		77	42 - 104
Bis(2-ethylhexyl) phthalate	<40		200	179		ug/L		90	39 - 114
Butyl benzyl phthalate	<40		200	184		ug/L		92	45 - 112
Carbazole	<40		200	197		ug/L		98	50 - 116
Chrysene	<40		200	170		ug/L		85	33 - 115
Dibenz(a,h)anthracene	<40		200	176		ug/L		87	20 - 121
Dibenzofuran	<40		200	155		ug/L		77	25 - 130
Diethyl phthalate	<40		200	162		ug/L		81	46 - 106
Dimethyl phthalate	<40		200	157		ug/L		78	38 - 99
Di-n-butyl phthalate	<40		200	161		ug/L		81	49 - 120
Di-n-octyl phthalate	<40		200	166		ug/L		82	35 - 121
Fluoranthene	<40		200	164		ug/L		82	43 - 126
Fluorene	<40		200	161		ug/L		81	46 - 117
Hexachlorobenzene	<40		200	167		ug/L		83	38 - 122
Hexachlorobutadiene	<40		200	154		ug/L		77	30 - 107
Hexachlorocyclopentadiene	<80		200	123		ug/L		62	10 - 109
Hexachloroethane	<40		200	139		ug/L		70	10 - 150
Indeno[1,2,3-cd]pyrene	<40		200	178		ug/L		89	18 - 128
Isophorone	<40		200	153		ug/L		77	42 - 119
Naphthalene	<40		200	150		ug/L		75	10 - 146
Nitrobenzene	<40		200	149		ug/L		75	39 - 111
N-Nitrosodimethylamine	<40		200	132		ug/L		66	10 - 139
N-Nitrosodi-n-butylamine	<40		200	153		ug/L		76	50 - 150
N-Nitrosodi-n-propylamine	<40		200	155		ug/L		78	37 - 124
N-Nitrosodiphenylamine	<40		234	196		ug/L		84	10 - 150
Pentachlorobenzene	<40		200	171		ug/L		85	50 - 150
Pentachlorophenol	<80		400	276		ug/L		69	29 - 130
Phenanthrene	<40		200	167		ug/L		84	44 - 125
Phenol	<40		200	128		ug/L		64	10 - 150
Pyrene	<40		200	178		ug/L		89	40 - 116
Pyridine	<40		200	97.5		ug/L		49	10 - 111

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Sum)	89		15 - 135

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-80689-A-3-C MS  
 Matrix: Water  
 Analysis Batch: 193447

Client Sample ID: Matrix Spike  
 Prep Type: TCLP  
 Prep Batch: 193533

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	75		34 - 113
2-Fluorophenol (Surr)	62		10 - 104
Nitrobenzene-d5 (Surr)	74		27 - 110
Phenol-d5 (Surr)	61		10 - 110
Terphenyl-d14 (Surr)	86		53 - 125

Lab Sample ID: 400-80689-A-3-D MSD  
 Matrix: Water  
 Analysis Batch: 193447

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: TCLP  
 Prep Batch: 193533

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
1,2,4,5-Tetrachlorobenzene	<40		200	175		ug/L		87	50 - 150	5	30	
1,2,4-Trichlorobenzene	<40		200	157		ug/L		79	39 - 101	0	32	
1,2-Dichlorobenzene	<40		200	137		ug/L		69	38 - 91	3	34	
1,3-Dichlorobenzene	<40		200	146		ug/L		73	35 - 90	3	37	
1,4-Dichlorobenzene	<40		200	146		ug/L		73	36 - 89	2	36	
1-Methylnaphthalene	<40		200	162		ug/L		80	31 - 124	6	31	
2,3,4,6-Tetrachlorophenol	<40		200	160		ug/L		80	26 - 123	6	67	
2,4,5-Trichlorophenol	<40		200	180		ug/L		90	34 - 96	6	42	
2,4,6-Trichlorophenol	<40		200	181		ug/L		91	33 - 97	10	44	
2,4-Dichlorophenol	<40		200	161		ug/L		80	31 - 95	5	43	
2,4-Dimethylphenol	<40		200	168		ug/L		84	21 - 99	7	47	
2,4-Dinitrophenol	<120		400	345		ug/L		86	15 - 140	10	36	
2,4-Dinitrotoluene	<40		200	184		ug/L		92	53 - 111	7	28	
2,6-Dinitrotoluene	<40		200	181		ug/L		90	43 - 118	6	28	
2-Chloronaphthalene	<40		200	166		ug/L		83	39 - 93	4	29	
2-Chlorophenol	<40		200	148		ug/L		74	25 - 92	2	42	
2-Methylnaphthalene	<40		200	161		ug/L		80	13 - 133	5	30	
2-Methylphenol	<40		200	149		ug/L		61	28 - 93	7	47	
2-Nitroaniline	<40		200	166		ug/L		83	45 - 115	7	33	
2-Nitrophenol	<40		200	162		ug/L		81	33 - 95	4	43	
3 & 4 Methylphenol	<80		200	163		ug/L		81	31 - 93	8	47	
3,3'-Dichlorobenzidine	<40		200	222	F	ug/L		111	10 - 86	6	58	
3-Nitroaniline	<40		200	183		ug/L		91	10 - 130	8	39	
4,6-Dinitro-2-methylphenol	<40		400	359		ug/L		90	25 - 118	8	42	
4-Bromophenyl phenyl ether	<40		200	180		ug/L		90	40 - 119	6	30	
4-Chloro-3-methylphenol	<40		200	175		ug/L		87	34 - 98	10	40	
4-Chloroaniline	<40		200	165		ug/L		82	10 - 105	9	94	
4-Chlorophenyl phenyl ether	<40		200	182		ug/L		91	44 - 118	5	27	
4-Nitroaniline	<40		200	195		ug/L		98	10 - 132	10	50	
4-Nitrophenol	<40		400	300		ug/L		75	10 - 118	17	82	
Acenaphthene	<40		200	176		ug/L		88	47 - 109	7	28	
Acenaphthylene	<40		200	168		ug/L		84	36 - 118	7	28	
Acetophenone	<40		200	162		ug/L		81	52 - 103	2	32	
Aniline	<40		200	128		ug/L		64	10 - 100	12	63	
Anthracene	<40		200	175		ug/L		88	45 - 118	7	32	
Benzidine	<200		200	<200		ug/L		56	50 - 150	19	40	
Benzo[a]anthracene	<40		200	181		ug/L		90	33 - 118	6	32	

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-80689-A-3-D MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: TCLP

Analysis Batch: 193447

Prep Batch: 193533

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Benzo[a]pyrene	<40		200	185		ug/L		92	26 - 103	5	34
Benzo[b]fluoranthene	<40		200	193		ug/L		96	29 - 104	7	35
Benzo[g,h,i]perylene	<40		200	195		ug/L		97	18 - 128	2	34
Benzo[k]fluoranthene	<40		200	193		ug/L		96	33 - 121	6	33
Benzoic acid	<120		400	341		ug/L		65	10 - 149	19	49
Benzyl alcohol	<40		200	303	F	ug/L		132	33 - 108	35	37
bis (2-chloroisopropyl) ether	<40		200	134		ug/L		67	28 - 116	1	41
Bis(2-chloroethoxy)methane	<40		200	160		ug/L		80	26 - 116	6	70
Bis(2-chloroethyl)ether	<40		200	156		ug/L		78	42 - 104	1	42
Bis(2-ethylhexyl) phthalate	<40		200	194		ug/L		97	39 - 114	8	35
Butyl benzyl phthalate	<40		200	198		ug/L		99	45 - 112	8	32
Carbazole	<40		200	208		ug/L		104	50 - 116	5	31
Chrysene	<40		200	180		ug/L		90	33 - 115	6	34
Dibenz[a,h]anthracene	<40		200	181		ug/L		90	20 - 121	3	36
Dibenzofuran	<40		200	165		ug/L		82	25 - 130	6	29
Diethyl phthalate	<40		200	173		ug/L		86	46 - 106	6	40
Dimethyl phthalate	<40		200	172		ug/L		86	38 - 99	9	36
Di-n-butyl phthalate	<40		200	169		ug/L		85	49 - 120	5	32
Di-n-octyl phthalate	<40		200	179		ug/L		89	35 - 121	7	35
Fluoranthene	<40		200	173		ug/L		87	43 - 126	6	31
Fluorene	<40		200	170		ug/L		85	46 - 117	5	26
Hexachlorobenzene	<40		200	177		ug/L		89	38 - 122	6	33
Hexachlorobutadiene	<40		200	155		ug/L		77	30 - 107	0	36
Hexachlorocyclopentadiene	<80		200	122		ug/L		61	10 - 109	1	50
Hexachloroelthane	<40		200	136		ug/L		68	10 - 150	2	41
Indeno[1,2,3-cd]pyrene	<40		200	182		ug/L		91	18 - 128	2	34
Isophorone	<40		200	161		ug/L		81	42 - 119	5	33
Naphthalene	<40		200	154		ug/L		77	10 - 146	3	31
Nitrobenzene	<40		200	154		ug/L		77	39 - 111	3	35
N-Nitrosodimethylamine	<40		200	141		ug/L		71	10 - 139	7	62
N-Nitrosodi-n-butylamine	<40		200	162		ug/L		81	50 - 150	6	40
N-Nitrosodi-n-propylamine	<40		200	164		ug/L		82	37 - 124	6	36
N-Nitrosodiphenylamine	<40		234	209		ug/L		89	10 - 150	7	34
Pentachlorobenzene	<40		200	179		ug/L		89	50 - 150	4	40
Pentachlorophenol	<80		400	293		ug/L		73	29 - 130	6	42
Phenanthrene	<40		200	177		ug/L		89	44 - 125	6	29
Phenol	<40		200	142		ug/L		71	10 - 150	11	52
Pyrene	<40		200	194		ug/L		97	40 - 116	8	31
Pyridine	<40		200	112		ug/L		56	10 - 111	14	55

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	94		15 - 135
2-Fluorobiphenyl	78		34 - 113
2-Fluorophenol (Surr)	60		10 - 104
Nitrobenzene-d5 (Surr)	75		27 - 110
Phenol-d5 (Surr)	67		10 - 110
Terphenyl-d14 (Surr)	92		53 - 125

TestAmerica Pensacola

## QC Sample Results

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 400-193670/1-A						Client Sample ID: Method Blank			
Matrix: Water						Prep Type: Total/NA			
Analysis Batch: 193807						Prep Batch: 193670			
Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Ethylene Dibromide	<0.020		0.020		ug/L		10/03/13 10:56	10/04/13 07:09	1
1,2-Dibromo-3-Chloropropane	<0.030		0.030		ug/L		10/03/13 10:56	10/04/13 07:09	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	DII Fac
4-Bromofluorobenzene	111		51 - 149				10/03/13 10:56	10/04/13 07:09	1

Lab Sample ID: LCS 400-193670/2-A						Client Sample ID: Lab Control Sample			
Matrix: Water						Prep Type: Total/NA			
Analysis Batch: 193807						Prep Batch: 193670			
Analyte		Spike	LCS	LCS	Unit	D	%Rec	Limits	
		Added	Result	Qualifier					
Ethylene Dibromide		0.100	0.103		ug/L		103	60 - 140	
1,2-Dibromo-3-Chloropropane		0.100	0.0990		ug/L		99	60 - 140	
Surrogate	LCS	LCS	Limits						
4-Bromofluorobenzene	98		51 - 149						

Lab Sample ID: LCSD 400-193670/3-A						Client Sample ID: Lab Control Sample Dup			
Matrix: Water						Prep Type: Total/NA			
Analysis Batch: 193807						Prep Batch: 193670			
Analyte		Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD
		Added	Result	Qualifier				Limits	RPD
								Limits	Limit
Ethylene Dibromide		0.100	0.0958		ug/L		95	60 - 140	7 30
1,2-Dibromo-3-Chloropropane		0.100	0.0942		ug/L		94	60 - 140	5 30
Surrogate	LCSD	LCSD	Limits						
4-Bromofluorobenzene	99		51 - 149						

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## Lab Chronicle

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

Client Sample ID: WSW (5717)

Lab Sample ID: 400-80801-1

Date Collected: 09/30/13 09:00

Matrix: Water

Date Received: 10/01/13 09:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	193950	10/07/13 13:42	EAS	TAL PEN
Total/NA	Prep	3520C			1050 mL	1.0 mL	193533	10/02/13 12:49	KH1	TAL PEN
Total/NA	Analysis	8270D		1			193447	10/04/13 16:29	AJR	TAL PEN
Total/NA	Prep	3520C			1050 mL	1.0 mL	193533	10/02/13 12:49	KH1	TAL PEN
Total/NA	Analysis	8270D		1			193943	10/06/13 15:37	KJA	TAL PEN
Total/NA	Prep	8011			35.20 mL	35 mL	193670	10/03/13 10:56	TAJ	TAL PEN
Total/NA	Analysis	8011		1			193807	10/04/13 10:22	TAJ	TAL PEN

Client Sample ID: WSW (117)

Lab Sample ID: 400-80801-2

Date Collected: 09/30/13 09:30

Matrix: Water

Date Received: 10/01/13 09:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	193950	10/07/13 14:08	EAS	TAL PEN
Total/NA	Prep	3520C			1050 mL	1.0 mL	193533	10/02/13 12:49	KH1	TAL PEN
Total/NA	Analysis	8270D		1			193447	10/04/13 17:08	AJR	TAL PEN
Total/NA	Prep	3520C			1050 mL	1.0 mL	193533	10/02/13 12:49	KH1	TAL PEN
Total/NA	Analysis	8270D		1			193943	10/06/13 16:16	KJA	TAL PEN
Total/NA	Prep	8011			34.95 mL	35 mL	193670	10/03/13 10:56	TAJ	TAL PEN
Total/NA	Analysis	8011		1			193807	10/04/13 10:49	TAJ	TAL PEN

**Laboratory References:**

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

TestAmerica Pensacola

## Certification Summary

Client: McCallum Testing Laboratories, Inc  
 Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

### Laboratory: TestAmerica Pensacola

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40150	06-30-14
Arizona	State Program	9	AZ0710	01-11-14
Florida	NELAP	4	E81010	06-30-14
Georgia	State Program	4	N/A	06-30-14
Illinois	NELAP	5	200041	10-09-13
Iowa	State Program	7	367	08-01-14
Kansas	NELAP	7	E-10253	10-31-13
Kentucky (UST)	State Program	4	53	06-30-14
Louisiana	NELAP	6	30976	06-30-14
Maryland	State Program	3	233	09-30-14
Massachusetts	State Program	1	M-FL094	06-30-13 *
Michigan	State Program	5	9912	06-30-13 *
New Jersey	NELAP	2	FL006	06-30-14
North Carolina DENR	State Program	4	314	12-31-13
Oklahoma	State Program	6	9810	08-31-14
Pennsylvania	NELAP	3	68-00487	01-31-14
Rhode Island	State Program	1	LAO00307	12-31-13
South Carolina	State Program	4	96026	06-30-13 *
Tennessee	State Program	4	TN02907	06-30-14
Texas	NELAP	6	T104704286-12-5	09-30-14
USDA	Federal		P330-10-00407	12-10-13
Virginia	NELAP	3	460166	06-14-14
West Virginia DEP	State Program	3	136	06-30-14

\* Expired certification is currently pending renewal and is considered valid.

## Method Summary

Client: McCallum Testing Laboratories, Inc  
Project/Site: Holland Rd. Pure Station

TestAmerica Job ID: 400-80801-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PEN
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	TAL PEN

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001



400-80801

Chain of Custody Record

TestAmerica Laboratory location:  DW  NIDES  RCRA  Other **DEP LAST**  
 400-80801 COC

Company Name: <b>McCaum</b>	Client Contact: <b>M. Smith</b>	Site Contact:	Lab Contact:
Address: <b>1808 Haywards Ave. Chesapeake VA. 757) 420-2520</b>	Telephone: <b>(757) 420-2520</b>	Telephone:	Telephone:
Project Name: <b>HOLLAND Rd. PURE Station</b>	Method of Shipments/Carrier: <b>McCaum Environmental, Inc.</b>	Method of Shipments/Carrier:	Method of Shipments/Carrier:
Project Number:	Shipping/Tracking No:	Method of Shipments/Carrier:	Method of Shipments/Carrier:
PO#	Sample ID/Description	Sample Date	Sample Time
	<b>WSW (5717)</b>	<b>9/30/13</b>	<b>9:00</b>
	<b>WSW (117)</b>	<b>9/30/13</b>	<b>9:30</b>

Analysis	0908	0608	1108
	X	X	X
	X	X	X

Retention by: <b>M. Smith</b>	Company: <b>MTL</b>	Date Rec'd: <b>9/30/13 11:05</b>	Received by: <b>Steve Spun</b>
Retention by: <b>Steve Spun</b>	Company: <b>TA</b>	Date Rec'd: <b>9/30/13 1630</b>	Received by: <b>Steve Spun</b>
Retention by:	Company:	Date Rec'd:	Received by:

5 DAY TAT  
1.7°C IR-2

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## Login Sample Receipt Checklist

Client: McCallum Testing Laboratories, Inc

Job Number: 400-80801-1

Login Number: 80801

List Source: TestAmerica Pensacola

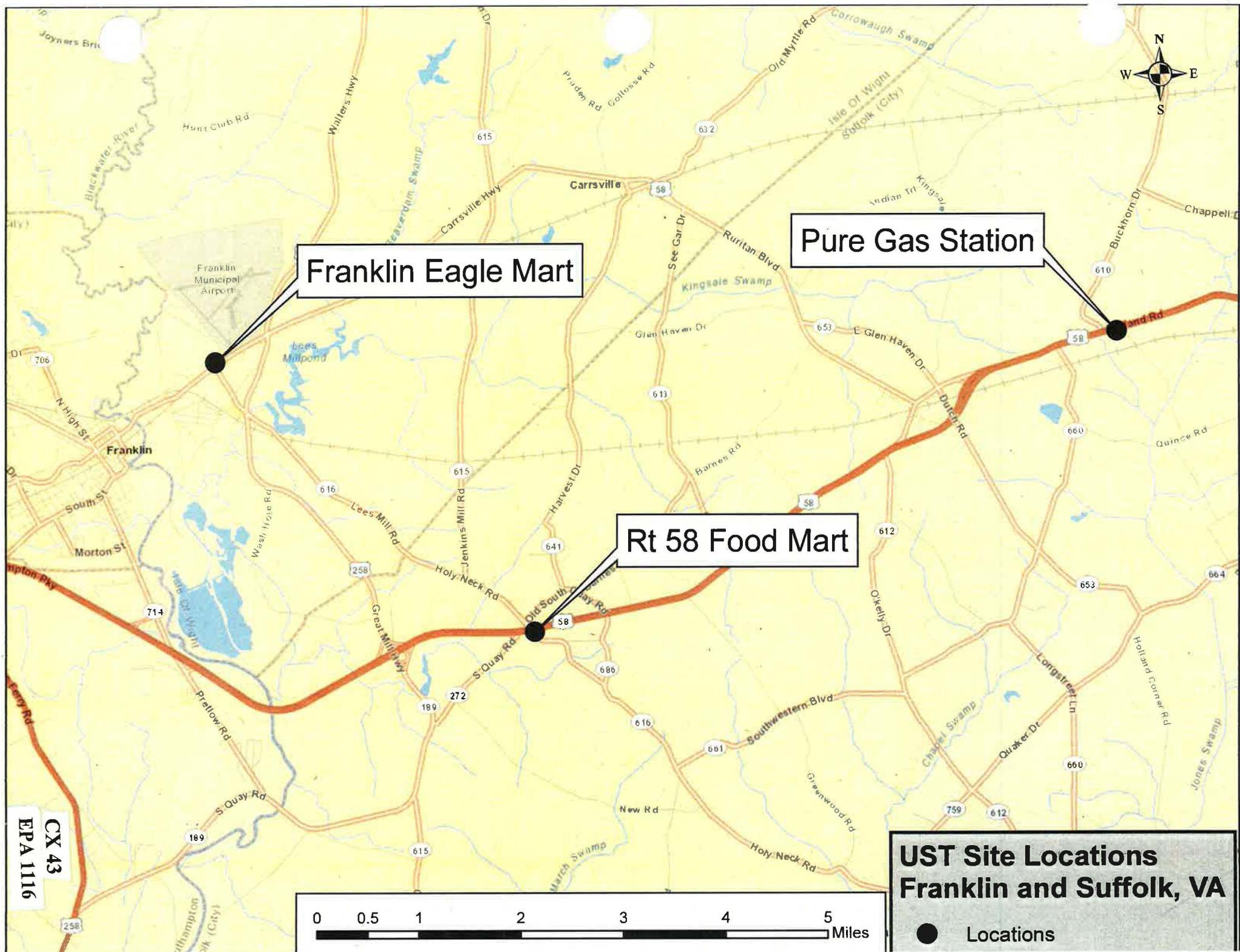
List Number: 1

Creator: Nak, Deend

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.7°C IR-2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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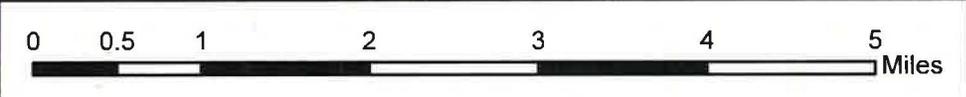


Franklin Eagle Mart

Pure Gas Station

Rt 58 Food Mart

**UST Site Locations  
Franklin and Suffolk, VA**  
● Locations



CX 43  
EPA 1116

Groundwater Use Rating								
Site Name and Address	Number of census block groups which intersect 1/4 mile radius from site	Number of census block groups with private wells	ID Number of census block group	Private well information by block group			Comments (other factors, such as likely groundwater flow direction, community water supply wells within 1/2 mile, etc.)	Ground water use rating <sup>1</sup> (lowest use rating = 1, highest use rating = 5)
				number of wells in block group	number of housing units in block group	percentage of housing units with wells		
Franklin Eagle Mart 1397 Carrsville Hwy Franklin, VA	1	1	23126	203	442	45.9%	No public wells within 1/2 mile.	3
Rt 58 Food Mart 8917 S. Quay Road Suffolk, VA	2	2	23167	468	628	74.5%	No public wells within 1/2 mile. Groundwater flow direction likely to south (toward Block Group ID 23232) based on topographic map.	5
			23232	823	846	97.3%		
Pure Gas Station 5703 Holland Road Suffolk, VA	2	2	23073	324	1243	26.1%	No public wells within 1/2 mile. Groundwater flow direction likely to south (toward Block Group ID 23167) based on topographic map.	4
			23167	468	628	74.5%		

<sup>1</sup> Groundwater use rating determined from percentage of housing units with wells, as follows:

- 0% 1
- 0 - 25% 2
- 25 - 50% 3
- 50 - 75% 4
- 75 - 100% 5

Likelihood that Release would Contaminate Groundwater						
Site Name and Address	Depth to groundwater <sup>1</sup>	Depth to ground water rating <sup>2</sup>	Soil Map Unit Name and Texture <sup>3</sup>	Soil type rating <sup>4</sup>	Comments	Likelihood that release would contaminate groundwater (lowest = 1, highest = 5)
Franklin Eagle Mart 1397 Carrsville Hwy Franklin, VA	b. 10'	5	22 - Urban Land: no data 3 - Chickahominy: silty clay 7 - Kinston: sandy clay loam	2	Soil Survey Area: Isle of Wight County, VA Soil type rating based on taking the arithmetic average of soil type ratings for the two adjacent mapped soil units (USDA does not identify engineering properties of Urban Land map unit). Adjacent map units include: Chickahominy and Kinston soil map units. Depth to water based on USGS topo map.	3.5
Rt 58 Food Mart 8917 S. Quay Road Suffolk, VA	b. 25'	4	8A - Eunola: fine sandy loam	4	Soil Survey Area: City of Suffolk, VA Depth to water based on USGS topo map.	4
Pure Gas Station 5703 Holland Road Suffolk, VA	a. 4.16' to 5.25'	5	8A - Eunola: fine sandy loam	4	Soil Survey Area: City of Suffolk, VA Depth to water from data contained in Site Characterization Report dated September 17, 2013 by McCallum Testing Laboratories, Inc. That report also identified petroleum hydrocarbon contamination in soil, soil gas, and groundwater.	5

<sup>1</sup> Depth to groundwater data was obtained or estimated for the sites in the following ways based on availability: (a.) depth to groundwater measurements from on-site monitoring wells, or (b.) estimated from USGS topographic map

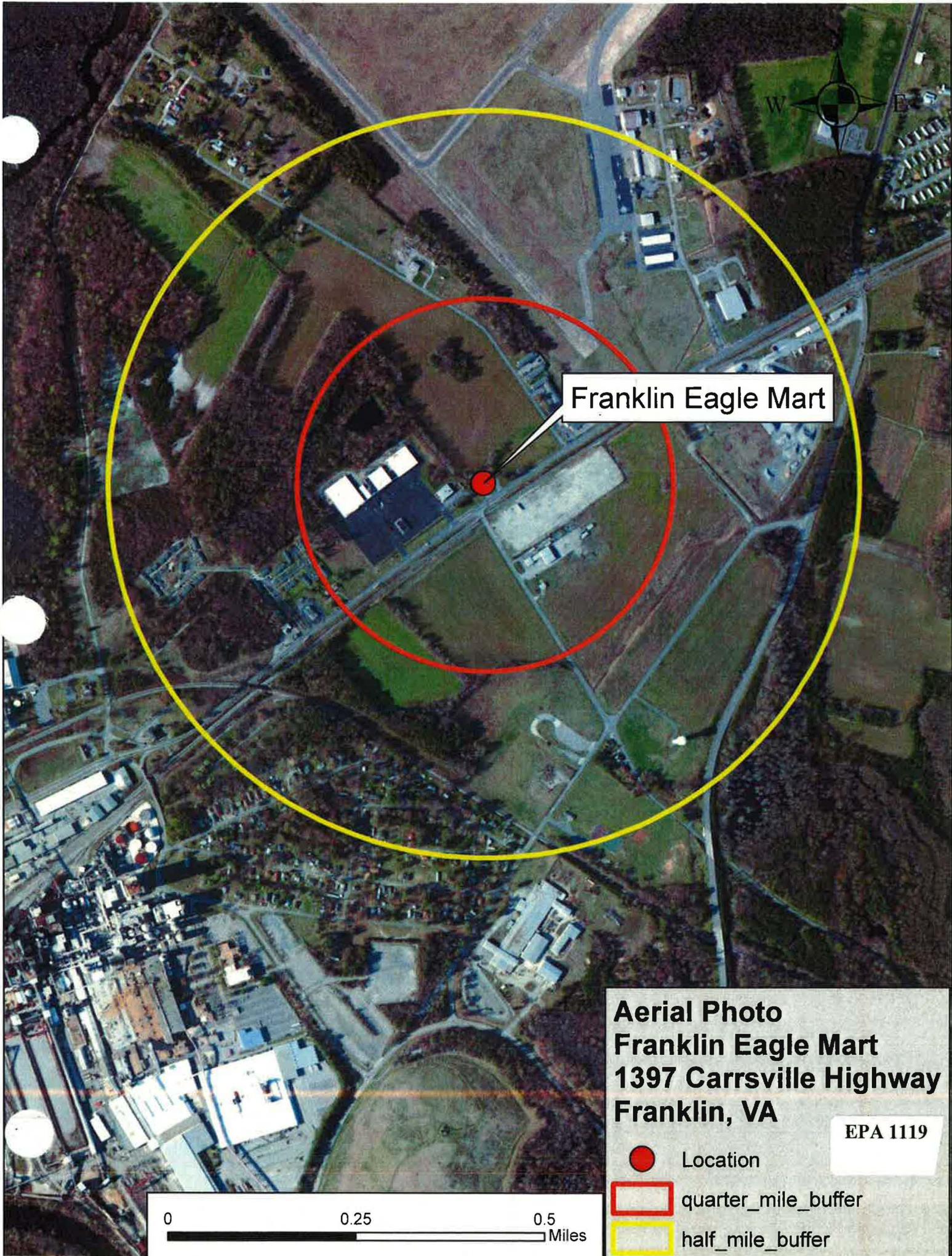
<sup>2</sup> Depth to groundwater rating values were assigned based on depth ranges as follows:

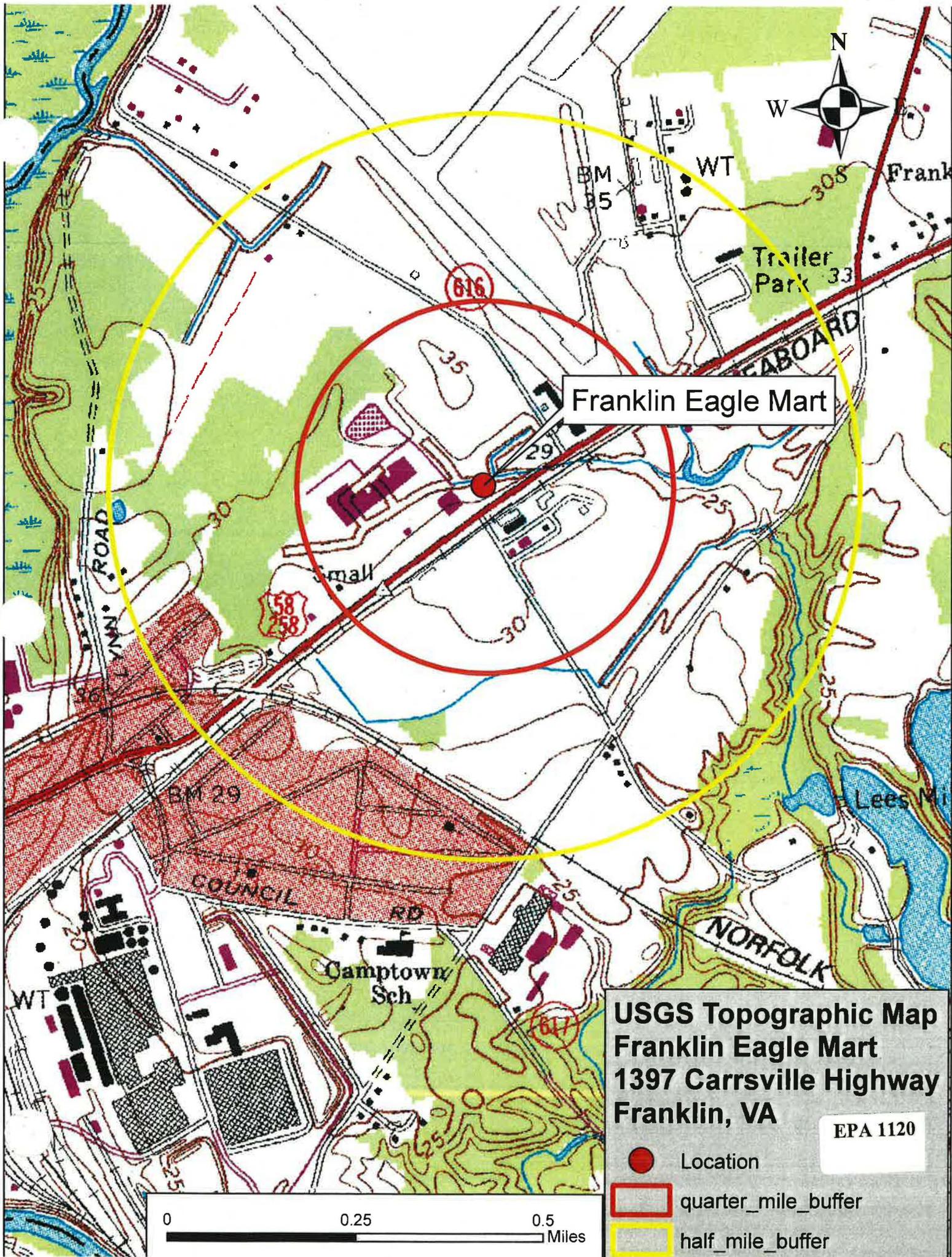
0 - 15 ft	5
15 - 30 ft	4
30-50 ft	3
50-75 ft	2
> 75 ft	1

<sup>3</sup> Soil data from the Natural Resources Conservation Service (NRCS) of the U.S. Department of Agriculture (USDA).

<sup>4</sup> Values were assigned for soil type as follows:

Gravel, Sand or Loamy Sand	5
Gravelly Loam, Sandy Loam or Loam	4
Sandy Clay Loam, Silt Loam, or Silt	3
Sandy Clay or Clay Loam or Silty Clay Loam	2
Clay or Silty Clay	1





Franklin Eagle Mart

**USGS Topographic Map  
Franklin Eagle Mart  
1397 Carrsville Highway  
Franklin, VA**

EPA 1120

- Location
- quarter\_mile\_buffer
- half\_mile\_buffer

0 0.25 0.5 Miles



ing units have private well



Franklin Eagle Mart

203 of 442 housing units have private well

**1990 Census Private Well Use  
Franklin Eagle Mart  
1397 Carrsville Highway  
Franklin, VA**

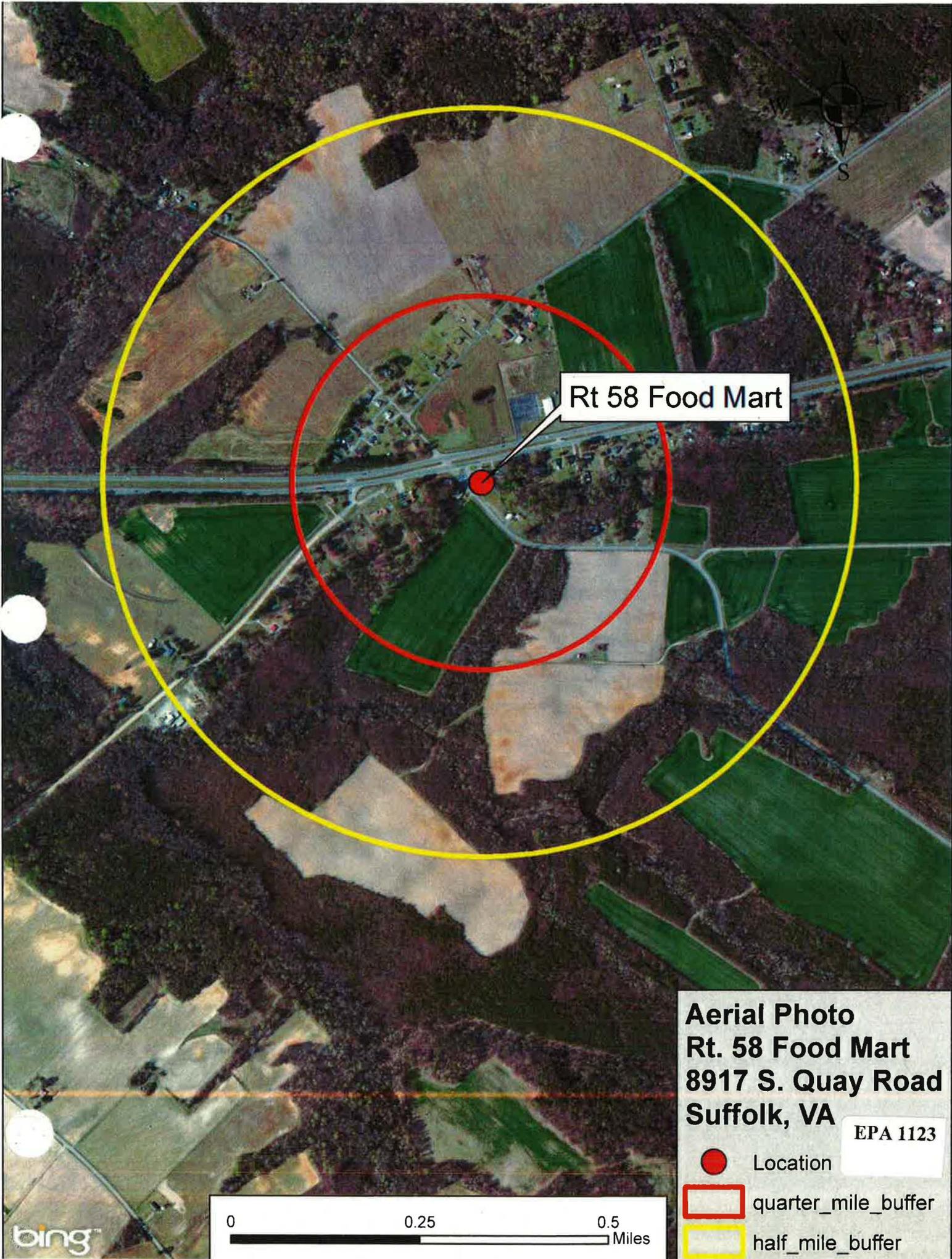
-  Location
-  quarter\_mile\_buffer
-  half\_mile\_buffer

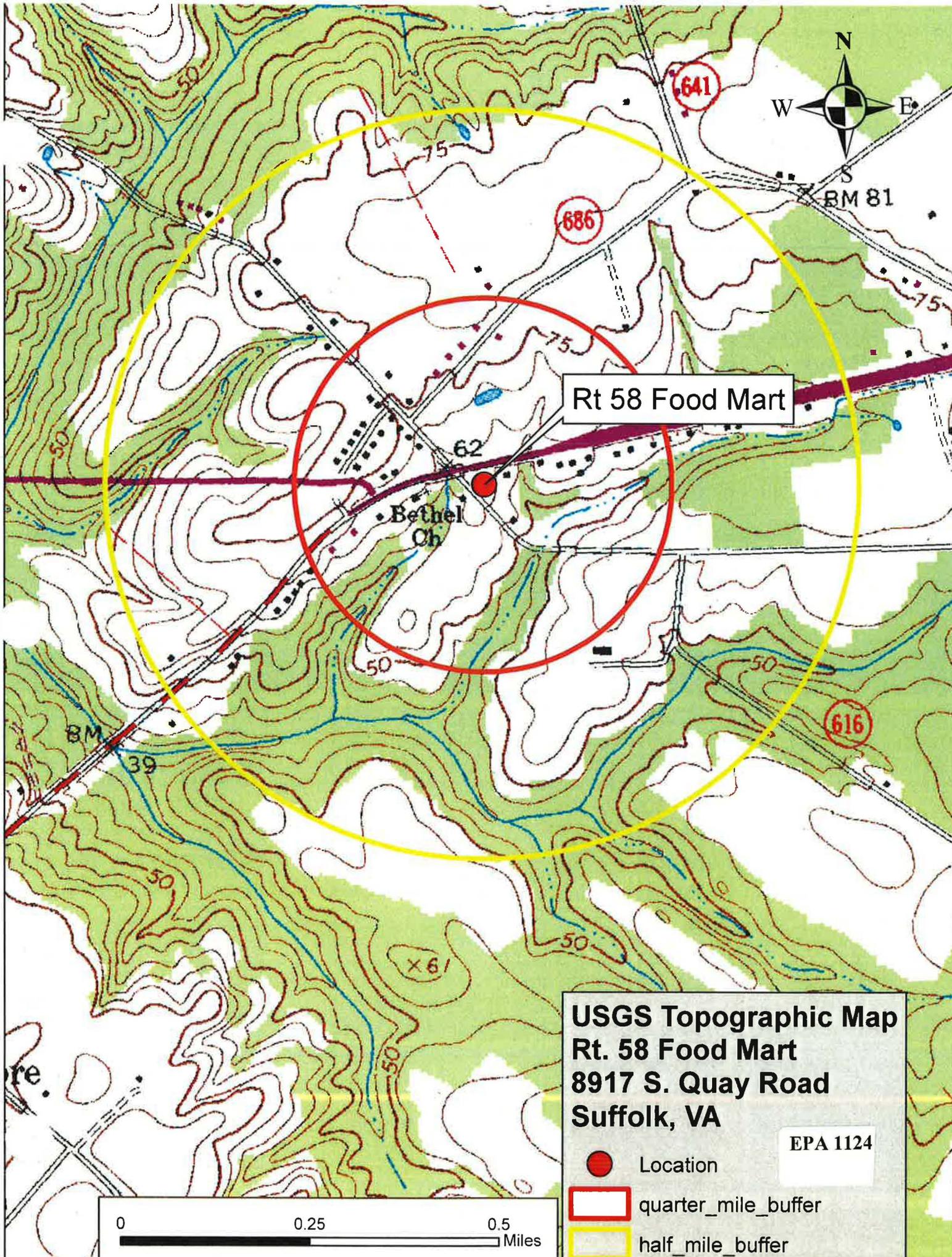
**% Housing Units with Wells in Blockgroup**

-  0 %
-  0 to 25 %
-  25 to 50 %
-  50 to 75 %
-  75 to 100 %

0 0.25 0.5 Miles

EPA 1122





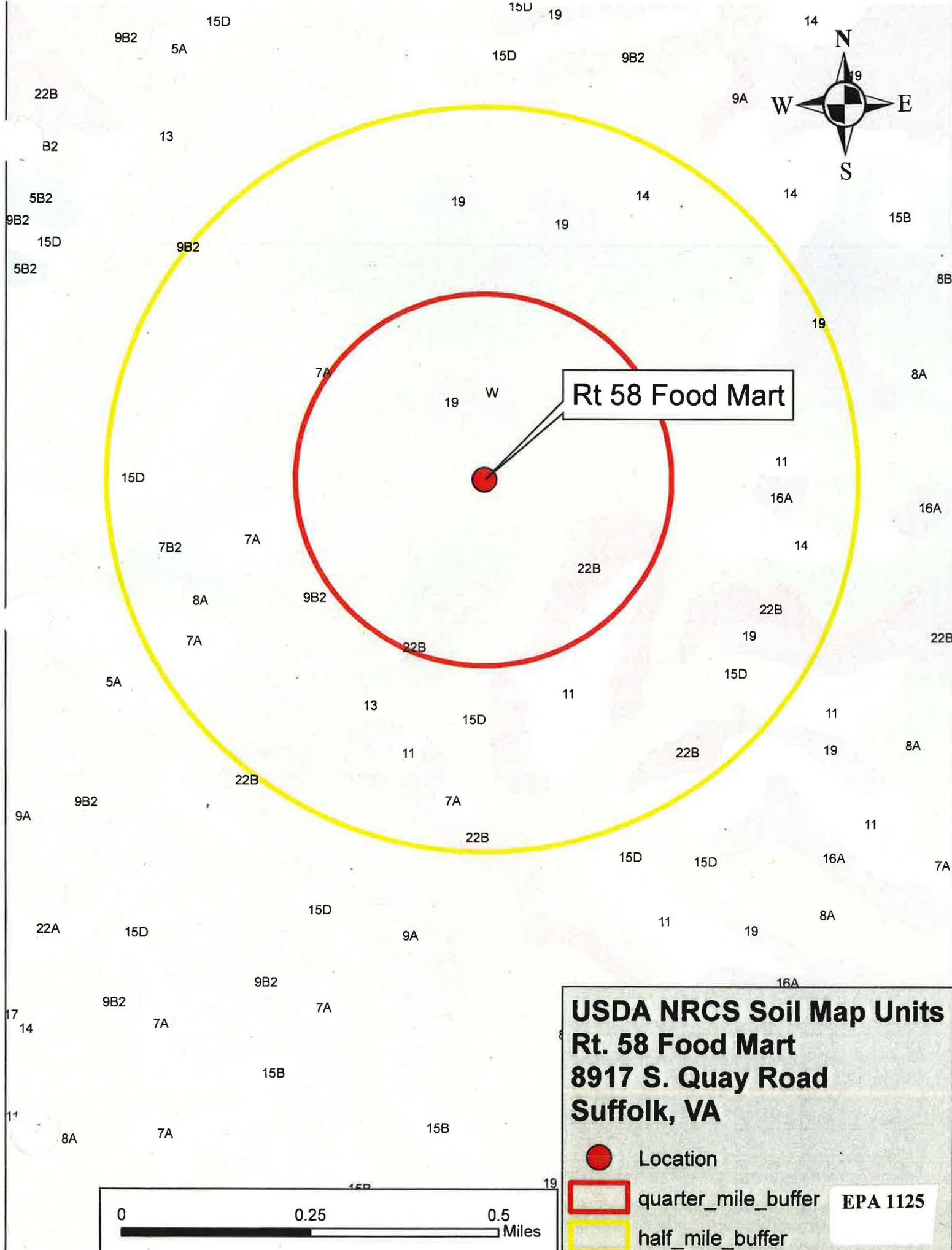
Rt 58 Food Mart

**USGS Topographic Map**  
**Rt. 58 Food Mart**  
**8917 S. Quay Road**  
**Suffolk, VA**

EPA 1124

- Location
- quarter\_mile\_buffer
- half\_mile\_buffer



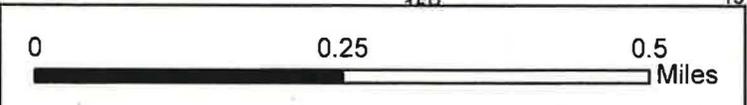


Rt 58 Food Mart

**USDA NRCS Soil Map Units**  
**Rt. 58 Food Mart**  
**8917 S. Quay Road**  
**Suffolk, VA**

-  Location
-  quarter\_mile\_buffer
-  half\_mile\_buffer

EPA 1125





468 of 628 housing units have private well

Rt 58 Food Mart

823 of 846 housing units have private well

**1990 Census Private Well Use  
Rt. 58 Food Mart  
8917 S. Quay Road  
Suffolk, VA**

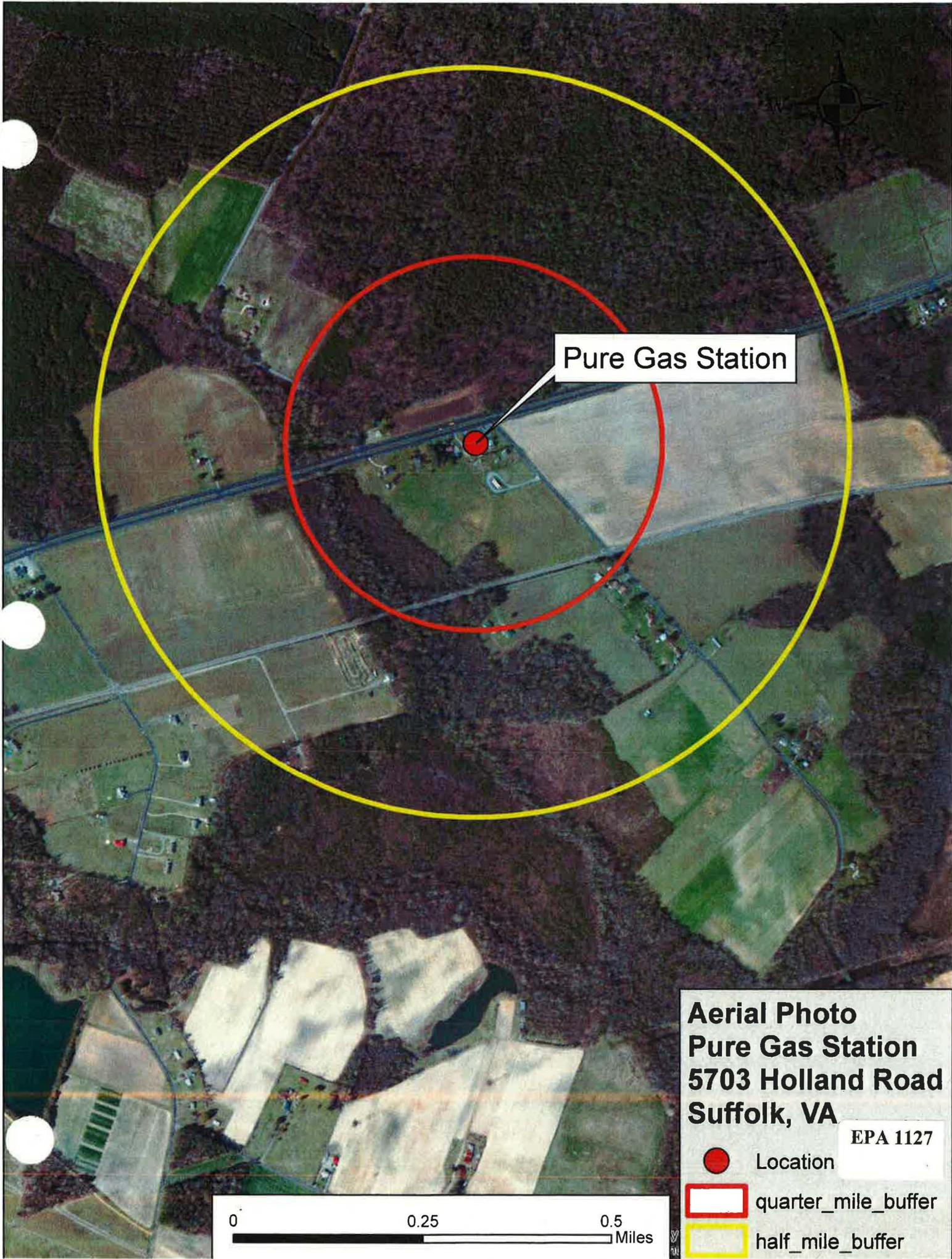
-  Location
-  quarter\_mile\_buffer
-  half\_mile\_buffer

**% Housing Units with Wells in Blockgroup**

-  0 %
-  0 to 25 %
-  25 to 50 %
-  50 to 75 %
-  75 to 100 %



EPA 1126

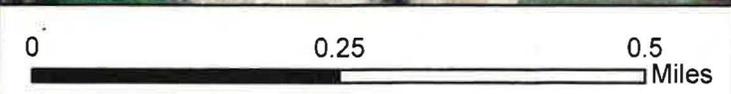


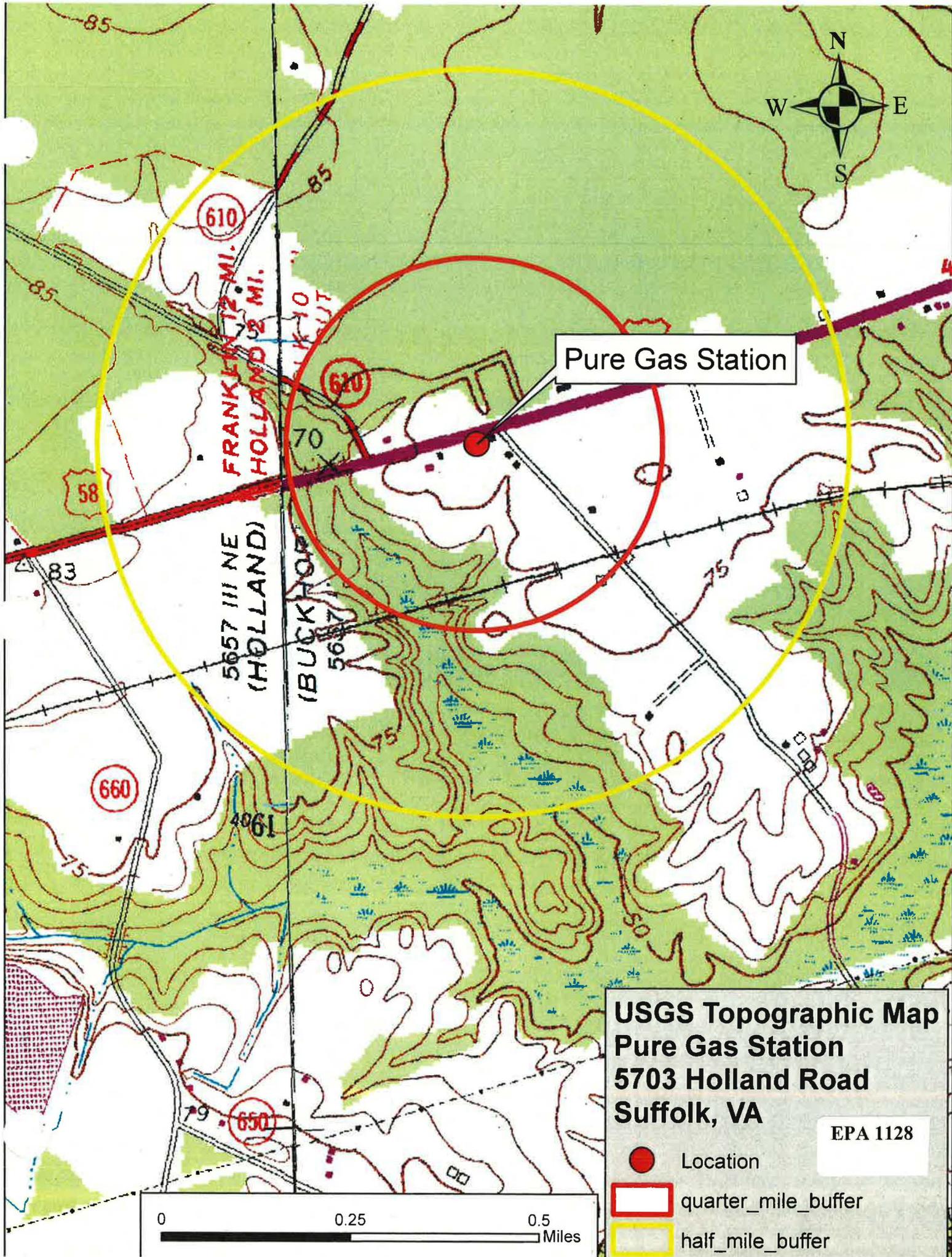
Pure Gas Station

**Aerial Photo  
Pure Gas Station  
5703 Holland Road  
Suffolk, VA**

EPA 1127

- Location
- quarter\_mile\_buffer
- half\_mile\_buffer



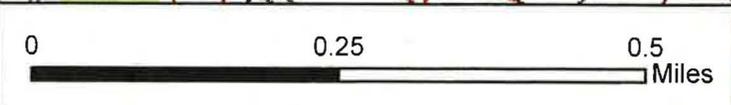


Pure Gas Station

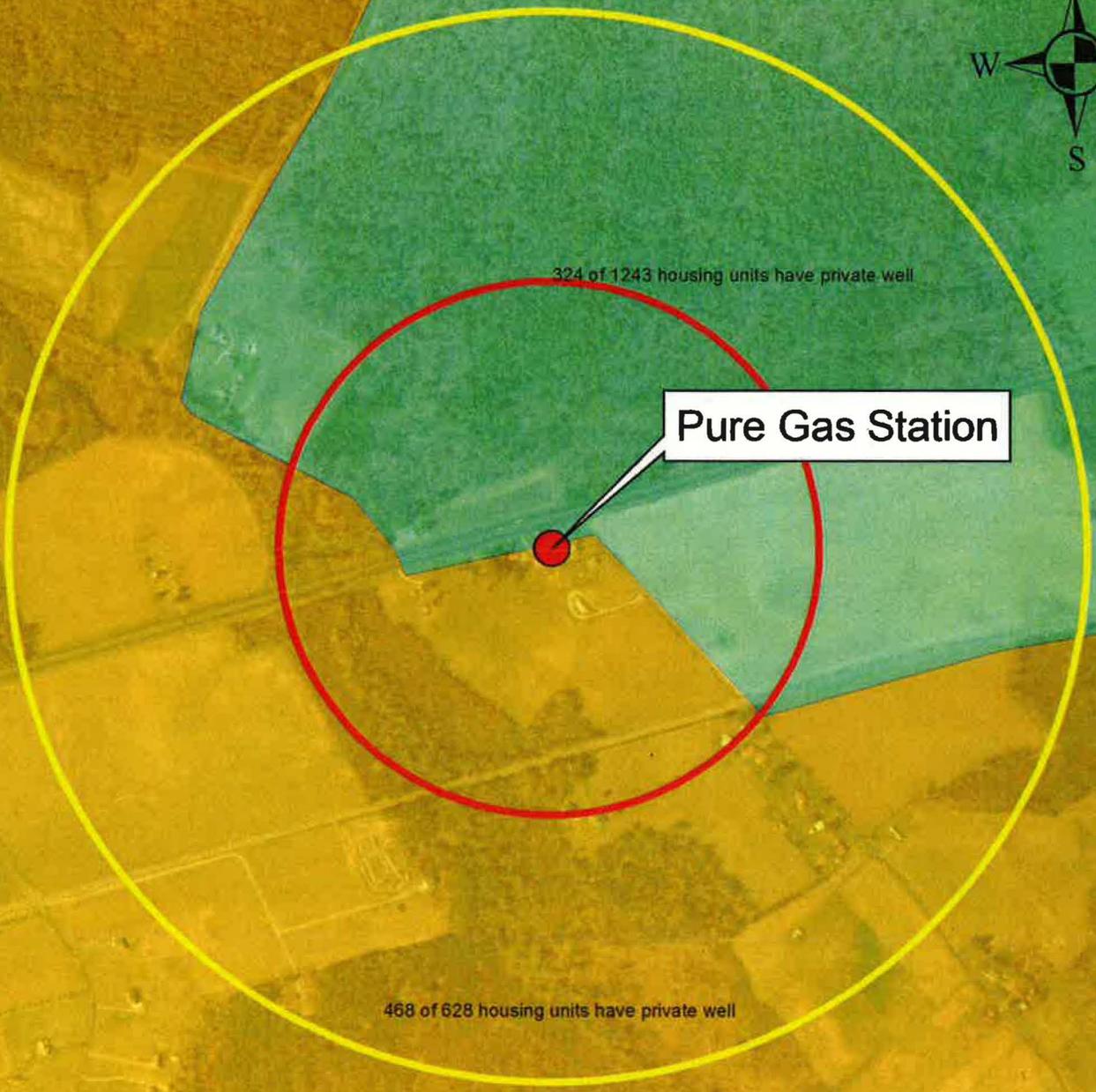
**USGS Topographic Map**  
**Pure Gas Station**  
**5703 Holland Road**  
**Suffolk, VA**

EPA 1128

- Location
- quarter\_mile\_buffer
- half\_mile\_buffer







324 of 1243 housing units have private well

Pure Gas Station

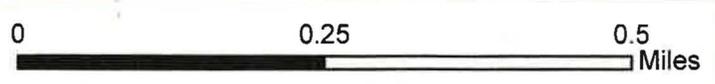
468 of 628 housing units have private well

**1990 Census Private Well Use  
Pure Gas Station  
5703 Holland Road  
Suffolk, VA**

-  Location
-  quarter\_mile\_buffer
-  half\_mile\_buffer

**% Housing Units with Wells in Blockgroup**

-  0 %
-  0 to 25 %
-  25 to 50 %
-  50 to 75 %
-  75 to 100 %



EPA 1130

# Resume of Joel W. Hennessy

U.S. Environmental Protection Agency  
1650 Arch Street  
Philadelphia, PA 19107  
215-814-3390

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## EMPLOYMENT

**Geologist** **10/88 - Present**  
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION III PHILADELPHIA, PA

Environmental investigation and clean up utilizing authorities of the Resource Conservation and Recovery Act.

**Evening Instructor** **9/90 - 12/94**  
PENNSYLVANIA STATE UNIVERSITY, OGONTZ CAMPUS ABINGTON, PA

Taught introductory geology in the Fall semesters.

**Senior Geophysicist** **8/83 - 10/88**  
EXXON COMPANY, USA MIDLAND, TEXAS

Subsurface geologic exploration for oil and natural gas.

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## EDUCATION

**Bachelor of Science (Geology)** **8/77 - 5/81**  
PURDUE UNIVERSITY WEST LAFAYETTE, IN

**Master of Science (Geology)** **8/81 - 12/83**  
ARIZONA STATE UNIVERSITY TEMPE, AZ

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## CERTIFICATIONS

- Registered Professional Geologist - Kentucky

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## PROFESSIONAL AFFILIATIONS

- Member - Geological Society of America

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## REPRESENTATIVE PROJECT EXPERIENCE

- Provided technical geologic support to EPA project managers at more than 60 facilities subject to RCRA and CERCLA cleanup authorities. Areas of expertise include facility investigation/corrective measure study planning and oversight, negotiation and litigation technical support for corrective action and multimedia enforcement actions, hydrogeologic analysis of contaminant distribution and transport in complex geologic environments, establishing performance standards for groundwater investigations and remediation, and determining if work complies with EPA regulation, policy, or guidance. Activities include reviewing technical adequacy of work plans and reports, remedy selection, field oversight, and representing EPA to facilities and at public meetings.

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EPA 1131

Facility types include steel making, pharmaceutical, chemical processing and manufacturing, battery recycling, oil refining, underground storage tank, federal facility, electrical component manufacturing, and warehousing.

- Drafted, negotiated, and oversaw implementation of RCRA 3008(h) consent and unilateral orders.
- Appeared as expert witness in EPA RCRA and Clean Water Act litigation against Horsehead Industries, Inc., Palmerton, PA. Wrote and was deposed on expert report evaluating company's Pollution Reduction Technology (PRT) work plan; worked with Department of Justice and Region III Office of Regional Counsel in reviewing expert reports and providing support at depositions
- Provided support for EPA Headquarters on national workgroups to review and/or draft regulation, policy, and guidance, including:
  - Regulatory Impact Analysis for Proposed Subpart S, 1991 - 1992
  - Corrective Action Management Unit Rule, 1992
  - Advance Notice of Proposed Rulemaking for Subpart S, 1996
  - Handbook of Groundwater Protection and Cleanup Policies for RCRA Corrective Action, 2001
  - EPA Ground Water Task Force, 2003 – 2007
- Developed and provided Leaking Underground Storage Tank Assessment training in Gliwice, Poland, beginning in May 1995. Training and follow-up project (which concluded 12/98) was funded through EPA by the Agency for International Development.
- Provided *Principles of Solid Waste Management Planning* training in Amman, Jordan in June, 1999 and in Serbia & Montenegro in March, 2004, with other EPA employees.

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## PUBLICATIONS

Isotopic Variations in Dolomite Concretions from the Monterey Formation, California: Journal of Sedimentary Petrology, v.55 (Jan. 1985), with L.P. Knauth.

Rapid Site Characterization at an Underground Storage Tank Site in Poland: Proceedings of the Third International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, September 10 - 13, 1996, with C. Atkinson & E. Quinn.

Underground Storage Tank Project - summary within Promoting a Sustainable Future: A Decade of EPA-Polish Cooperation, USEPA Office of International Activities, May 2000, 160-K-00-001, with C. Atkinson.

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# Elizabeth A. Quinn

U.S. Environmental Protection Agency  
1650 Arch Street  
Philadelphia, PA 19103  
215-814-3388

## EMPLOYMENT

### Toxicologist

U. S. Environmental Protection Agency, Region III

7/92 - Present

Philadelphia, PA

Provide expert technical support in the investigation and evaluation of human health and environmental risks posed by hazardous waste sites under the authority of the Resource Conservation and Recovery Act (RCRA).

### Senior Toxicologist

Halliburton NUS Environmental Corporation

1/83 - 7/92

Wayne, PA

Prepared and reviewed risk assessments of hazardous waste sites. Trained and provided peer review and oversight for staff toxicologists. Planned site sampling strategy. Developed and presented training materials in toxicology and health and safety.

### Teacher

Lower Merion School District

9/74 - 8/81

Ardmore, PA

Planned and taught lectures and laboratories for academic and advanced chemistry, biology, and general science classes.

### Adjunct Assistant Professor

Drexel University

9/90 - 5/91

9/97 - 5/98

Philadelphia, PA

Prepare and present selected lectures for *Toxicology and Human Physiology* and *Toxicology* courses.

## EDUCATION

### MS, Environmental Toxicology

Drexel University

1983

### MS, Science Education

University of Pennsylvania

1974

### AB, Biology (Chemistry minor)

Immaculata University

1973

## PROFESSIONAL AFFILIATIONS

- EPA Risk Assessment Forum-regional representative

## CERTIFICATIONS

- Diplomate of the American Board of Toxicology
- Pennsylvania Department of Education, Secondary School Teaching Certificate in Chemistry, Biology, and General Science

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## REPRESENTATIVE PROJECT EXPERIENCE

- Prepared over 300 formally written, peer-reviewed risk assessments of hazardous waste sites.
- Review risk assessments prepared by facilities for hazardous waste and RCRA permit facilities.
- Review work plans, analytical data, corrective measures studies, and scope of work reports to determine compliance with EPA risk assessment requirements.
- Participate in technical negotiations/oversight activities for hazardous waste facilities.
- Provide expert testimony and litigation support for corrective action and multimedia enforcement cases.
- Participate in regional and national workgroups, providing expert review and comment on toxicologic issues and pending regulations and guidance.
- Developed and provided Leaking Underground Storage Tank Assessment training in Gliwice, Poland in 1995. Project funded through EPA by the Agency for International Development.
- Team leader responsible for development and delivery of workshop titled "Hazardous Waste Management Training" in Chennai, India in 1998.

## PUBLICATIONS

- Rapid Site Characterization at an Underground Storage Tank Site in Poland: Proceedings of the Third International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, September 10-13, 1996, with C. Atkinson and J. Hennessy.
- Role of mitochondria in the mercury resistance of *cryptococcus albidus* var *albidus*. 1982. Master's thesis.

## JOHN V. CIGNATTA, PhD, PE

**Principal – Vice President**  
11416 Reisterstown Road  
Owings Mills, Maryland 21117  
Tel: 410.654.1800 Fax: 410.654.3711  
E-Mail: [jcignatta@datanetengineering.com](mailto:jcignatta@datanetengineering.com)

### AREAS OF QUALIFICATION:

- \* Civil-Environmental Engineering: Maryland P.E. #13556
- \* Civil-Environmental Engineering: Virginia P.E. #0402040459
- \* Civil-Environmental Engineering: Washington, DC P.E. #904700
- \* NACE Accredited Corrosion Specialist #3304
- \* NACE Accredited Cathodic Protection Specialist #3304
- \* API (American Petroleum Institute) 653 Accredited Aboveground Storage Tank Inspector #21623
- \* STI (Steel Tank Institute) SP001 Accredited Aboveground Storage Tank Inspector #001-06
- \* Level II NDT Ultrasonic Thickness Evaluation under SNT-TC-1A
- \* NFPA 30 Committee on Combustible and Flammable Fuels -- Voting Member
- \* PEI RP 1400 Committee on Boiler & Emergency Generator Fuel Systems—Voting Member
- \* Project Management - Systems Management
- \* STI Instructor Aboveground Storage Tanks Inspection - Shop Fabricated
- \* MDE Instructor 3<sup>rd</sup> Party Underground Storage Tanks Inspection
- \* MDE Instructor Underground Storage Tanks Installation
- \* MDE Instructor UST Certified Tank Remover
- \* MDE Instructor UST Facility Operator Training A, B & C

### PROFESSIONAL EXPERIENCE:

With three post graduate degrees in Environmental Engineering and Systems Management, John Cignatta has practiced engineering on a full time basis since 1976 within the disciplines of environmental and corrosion engineering while working for the Air Force, private engineering firms and at the firm he founded 30 years ago, Datanet Engineering, Inc. Awarded a doctorate in Environmental Engineering in September 2004 by Kennedy-Western University.\* Routinely called upon to provide expert testimony in civil and administrative law cases. Most significant court cases include:

- Duncan Petroleum \$2.3 million judgment for US Dept of Justice
- Euclid Oil \$3.4 million judgment for US EPA
- Smallis--Tarentum Bridge \$3.3 million judgment for US OSHA
- Exxon-Jacksonville \$150 million decision for nearby homeowners
- CSX Tunnel Fire \$100 million settlement for City of Baltimore

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Datanet Engineering, Inc., President, 1983 to Present

- \* Manages and directs corrosion and environmental engineering projects including protective coatings for steel and concrete structures, cathodic protection systems for buried and submerged steel structures, all aspects of design, installation and protection of underground and aboveground storage tanks, and water treatment for industrial and potable applications.
- \* Investigates failure causation and designs both new construction and upgrades for fuel systems including bulk terminals to service stations down to small heating systems.
- \* Provides specialty investigations for corrosion monitoring and control of unusual items spanning from engine sprockets to Civil War artifacts.
- \* Developed and created the complete Steel Tank Institute Aboveground Storage Tank Inspector courses. Continues to present the certified aboveground tank inspection one week course for the Steel Tank Institute and the five day underground storage tank (UST) inspection course for the Maryland Department of the Environment. Dr. Cignatta routinely conducts the STI class on shop fabricated fuel tank inspection across the country. He has taught the fuel system training courses at a variety of the Community Colleges in the Maryland area over the past twenty years on UST installation, UST removal, cathodic protection testing and other topics.
- \* Has accomplished computer simulation of abrasive blasting enclosures and other complex ventilation systems for support of both worker and environmental protection requirements at industrial painting projects.
- \* Manages environmental projects including site assessments, hazardous waste remediation, sick building evaluations/remediations, regulatory compliance and expert testimony for industrial, governmental and commercial clients.
- \* Invited speaker in "Expert-In-Industry" series at the Alice Hamilton Laboratory of NIOSH. Provided a one-day symposium on state-of-the-art procedures and equipment for lead paint removal on bridges and water tanks. Similar symposia presented by invitation at OSHA Headquarters and Maryland Occupational Safety and Health Administration.
- \* Provides expert consulting services to several branches of the military, state governments and major national corporations on corrosion and coatings related projects. Presented seminars and mini-symposia for

governmental and corporate clients on innovative lead paint removal technologies.

- \* Featured conference speaker on corrosion control and protection of the environment and workers for underground storage tanks, elevated water tanks and bridges for NISTM, STI, NACE, SSPC, AWWA, and American Shipyard Association.
- \* Conference chairman for 1991 Lead Paint Removal Conference of SSPC.

Mueller Associates, Inc., Project Engineer, 1978 to 1983

- \* Provided systems analysis and engineering services in the fields of pollution abatement, water treatment and analysis, energy conservation, and wastewater management. Managed field investigations, hardware designs, systems studies and site development projects.
- \* Project Manager for several U.S. Navy projects on water analysis, protective coating evaluations, ultrasonic scanning assessments, cathodic activity surveys and industrial water treatment enhancements.

US Air Force, Student, Pilot and Environmental Engineer, 1968 to 1978

- \* Attended US Air Force Academy through Congressional competitive appointment
- \* Graduated from undergraduate pilot training and served as combat crew member on a B-52G in the Strategic Air Command
- \* Served as Base Environmental Coordinator in Civil Engineering Squadron for several years responsible for environmental regulatory compliance and system upgrades at large bulk fuels facilities in several states, cross-country pipeline facilities including pumping stations, and water/wastewater treatment plants and distribution systems. Received US Air Force Meritorious Service Medal for work in fuel and water storage system emergency repairs.

**EDUCATION:**

- \* B.S., General, U.S. Air Force Academy, 1972
- \* M.S., Systems Management, University of Southern California, 1976
- \* M.S., Environmental Engineering, Johns Hopkins University, 1982
- \* Ph.D., Environmental Engineering, Kennedy Western, 2004 (Note: On-Line University Licensed and Authorized by the State of Wyoming.) \*

**PROFESSIONAL SOCIETIES:**

- \* National Association of Corrosion Engineers (NACE)
- \* National Fire Protection Association (NFPA)

**RECENT PUBLICATIONS/PRESENTATIONS:**

- \* Possible Solutions to Ongoing Problems with Shop Fabricated Aboveground Fuel Tank Systems, presented at National Institute of Storage Tank Management, March 2013, Orlando, FL.
- \* ABC's of Inspecting Shop Fabricated AST Floors in Contact with Ground, presented at National Institute of Storage Tank Management, March 2012, Orlando, FL.
- \* Hydraulic Problems with Shop Fabricated AST Installations, presented at National Institute of Storage Tank Management, March 2011, Orlando, FL.
- \* MLLD and Stage II Issues for Shop Fabricated Tanks, presented at National Institute of Storage Tank Management, March 2010, Orlando, FL.
- \* Ultrasonic Thickness Testing for Compliance With AST Fuel Tank Inspection Requirements, presented at 2009 Department of Defense Corrosion Conference in Washington, DC.
- \* More Concerns for AST Owners/Operators, presented at National Institute of Storage Tank Management, May 2007, Orlando, FL.
- \* Problems and Failures with Shop-Fabricated ASTs, presented at National Institute for Storage Tank Management, May 23, 2006, Orlando, FL.
- \* Problems with Overfill Valves on Shop Fabricated AST Inspections, presented at National Institute for Storage Tank Management, May 2005, Orlando, FL.
- \* Rust Never Sleeps- Controlling Environmental Deterioration of Florida's Civil War Artifacts, Dissertation in Partial Fulfillment of the Requirements for Degree of Doctor of Philosophy in Environmental Engineering at Kennedy-Western University, 2004. Research for this major study was funded and supported in part by Florida Department of Parks, Florida Department of Cultural Preservation, Florida Department of Cultural Preservation, and General Electric.
- \* Recent Discoveries During Routine Shop Fabricated AST Inspections, presented at National Institute for Storage Tank Management, May 2004, Orlando, FL.

- \* Rude Awakening to AST Owners, presented at Steel Tank Institute's Member's Conference, January 2004, Bonita Springs, FL.
- \* Liner Creates "Double Wall" Fuel Tank System at Washington, D.C. Building, Co-Author, presented at Environmental Management and Regulation of Petroleum Storage Facilities Conference and Exhibition, October 2002, Kingston, Jamaica.
- \* API 653 Inspections, Integral Components of AST Mechanical Integrity Programs, Co-Author, presented at Environmental Management and Regulation of Petroleum Storage Facilities Conference and Exhibition, October 2002, Kingston, Jamaica.
- \* Gaining Greater Acceptance of CFD Analyses by Engineers, presented at the 1997 PHOENICS Conference, April 20, 1997 Atlanta, GA.
- \* Computer Aided Engineering for Design of Ventilation Systems at Industrial Painting Projects, accepted for presentation at the NACE International Annual Convention, March 14, 1997 at New Orleans, LA.
- \* The Significance of the \$2.3 Million OSHA Adjudicated Fine for Painting at the Tarentum Bridge to Other Industrial Painting Projects, accepted for presentation at the NACE International Annual Convention, March 14, 1997 at New Orleans, LA.
- \* The Anne Arundel County Tank Painting Program, presented with Mr. Ken Dinnis at the American Water Works Association, Chesapeake Chapter Annual Convention, September 6, 1996 at Ocean City, MD.
- \* Setting up a Project Site for Abrasive Blasting Including Computer Modeling of Worker Exposure, Best Poster Presentation with Mr. Timothy Duffy at American Industrial Hygiene Association Annual Conference, May 20, 1996 in Washington, DC.
- \* Visualization of CFD Data, presented at the PHOENICS Users Conference, March 17, 1996 at Atlanta, GA.
- \* Engineering Controls Key to \$5 Million OSHA Case, *Painting & Wallcovering Contractor*, August 1995 issue.
- \* Prepares monthly column entitled: "Reg Alert", for the journal - ***Painting & Wallcovering Contractor***, publication of the Painting and Decorating Contractors Association, by Finan Publishing, Mr. Jeffery Beckner editor, (314) 961-6644

- \* Recycling Lead Paint while Protecting Workers and the Environment at the Ferndale Tank, presented at the North Atlantic Water Works Symposium December 5, 1994 Atlantic City, New Jersey.
- \* Hazardous Wastes for Painters a Simple Topic? ***Painting & Wallcovering Contractor***, Jan/Feb 1995 issues
- \* Gang of Four: A Review of the Lead, Cadmium, Arsenic and Hexavalent Chromium Standards: ***Painting & Wallcovering Contractor***, Sept/October, November/December 1994 issues.
- \* Why is every Painter Affected by The New OSHA Heavy Metal Regulations? presented at the SSPC National Conference November 1994 Atlanta, GA.
- \* How Are You Affected By the OSHA Lead Standard? ***Painting & Wallcovering Contractor***, May/June and July/August 1994 issues.
- \* Monitoring Breathing Air at Lead Paint Removal Projects; ***Journal of Protective Coatings & Linings***; February 1994 issue; Coauthor.
- \* Use of Robotics for Replacing Blasters at Industrial Painting Projects; Proceedings of the 1993 Steel Structures Painting Conference in New Orleans, LA.
- \* Review of the New OSHA Lead in Construction Standard; Published in the June, 1993 edition of ***Pb Bulletin*** of the Steel Structures Painting Council.
- \* Protecting the Environment and Workers at Industrial Lead Paint Project; Presented at the 1993 SSPC Lead Paint Removal Conference in Cincinnati, OH.
- \* Removal of Lead Paint from the Legs of the Conowingo Water Tank While Protecting the Environment and Construction Workers; Published In De-Leading Magazine in June, 1993.
- \* Technical and Regulatory Problems with Bridge Coating Projects in the 90's; Presented at the 1990 SSPC Lead Paint Removal Conference Nashville, TN
- \* Use of Mini-Enclosures for Protecting the Environment and Construction Workers at Industrial Painting Projects; Presented at the 1992 SSPC National Conference, Nashville, TN
- \* Problems in Painting Water Treatment and Storage Facilities; Presented at the 1991 SSPC Lead Paint Removal Conference, Charlotte, NC

- \* Protecting the Environment and Construction Workers at the Old Mill Tank Painting Project; Presented at the 1991 SSPC Lead Paint Removal Conference, Long Beach, CA
- \* Removing Lead Paint; American Water Works Association Journal, Vol. 83, No. 11, November 1991; Coauthor.
- \* Mini-Enclosure Demonstration Project at the Amberly Water Tank; Presented at the 1990 SSPC National Conference, 1990.
- \* Kennedy-Western University was a distance learning, on-line University licensed by the State of Wyoming under Statutes W.S. 21-2-401 to 407. Before obtaining accreditation, it was forced to close its doors in 2007.

Human exposure potential evaluation					
Site Name and Address	Population evaluation	Population factor	Exposure potential evaluation	Exposure potential factor	Combined factor
Franklin Eagle Mart 1397 Carrsville Hwy Franklin, VA	No homes appear located w/in ¼ mi; approx 50-100 homes w/in ½ mi; hotel w/in ¼ mi	2	Shallow depth to groundwater; ephemeral/intermittent stream appears on map, limited evidence on satellite view (no surface water); limited utility trenches at greater distance; soil type limits mobility	2	2
Rt 58 Food Mart 8917 S. Quay Road Suffolk, VA	Up to approx. 50 homes/structures appear w/in ¼ mi radius; very few (<50) from ¼ to ½ mi radius	2	High groundwater use; no surface water w/in ¼ mi; limited utility conduits; groundwater depth moderate; soil type allows migration	3	2.5
Pure Gas Station 5703 Holland Road Suffolk, VA	Appear to be fewer than 10 homes/structures within both ¼ and ½ mi radii	1	Groundwater, soil, and soil gas reportedly contaminated with petroleum products; groundwater very shallow; soil type allows migration	5	3

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EPA 1142