



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

July 26, 2013

Ms. Royann Winchester  
Senior Environmental Engineer  
Tesoro Logistics Operations, LLC  
2101 E. Pacific Coast Highway  
Wilmington, CA 90744

Dear Ms. Winchester:

**De-Minimus Significant Revision to Title V Permit for Tesoro Logistics Operations, LLC – Wilmington Sales Terminal (ID# 167981)**

Enclosed are the revised Title Page, Table of Contents, Section D, Section H and Section K of your Title V Facility Permit for Tesoro Logistic Operations LLC's Wilmington Sales Terminal located at 1930 E. Pacific Coast Highway, Wilmington, CA. The revised permit reflects the following changes:

**Section D: PERMITS TO OPERATE ADDED ( issued as Permits to Construct/Operate):**

New Application & Permit No. (Added)	Previous Application & Permit No. (Removed)	Equipment/Description
546309/G25783	N/A	Installation of New Biodiesel Fixed Roof Storage Tank
546310/G25784	525918/G16303	Modification of Bulk Loading System No. 1 by the addition of pumps, piping, and valves to accommodate the unloading/loading of biodiesel; correction of H.P. for ethanol loading pumps.
546311/G25785	525919/G16304	Modification of Bulk Loading System No. 2 by the addition of pumps, piping, and valves to accommodate the loading of biodiesel; correction of H.P. for ethanol loading pumps; correction of number of gasoline and diesel loading arms.
546312/G25786	525923/G16305	Modification of Bulk Loading System No. 4 by the addition of pumps, piping, and valves to accommodate the loading of biodiesel; correction of H.P. for ethanol loading pumps; correction of number of gasoline and diesel loading arms.
546313/G25787	525924/G16306	Modification of Bulk Loading System No. 3 by the addition of pumps, piping, and valves to accommodate the loading of biodiesel; correction of H.P. for ethanol loading pumps.

This revision is covered under A/N 546308 and is considered a "de minimus significant permit revision" to the Title V permit. The proposed permit was submitted to the EPA for review on June 26, 2013. Although the EPA's 45-day review period will expire on or about August 10, EPA has performed an expedited review of the proposed permit and has no comments at this time. The permit is now eligible for issuance. Please note that although EPA has terminated their review early, the 60 day period for the public to petition the Administrator to object to the permit begins the day after EPA's 45-day review period would otherwise end. Also note, that if the permit is later found to require corrective steps (including, but not limited to, reopening the permit for cause), the expiration of both EPA's review period and the public petition period without EPA objection does not compromise the Agency's authority to take such measures.

In addition to the above revisions, the following administrative changes have been made to the permit:

Removal/Correction of Equipment

Several Rule 219 equipment that are no longer at the facility have been removed from Section D of the permit; tank designation numbers were corrected in Table of Contents of both Sections D and H and to the corresponding permits where necessary.

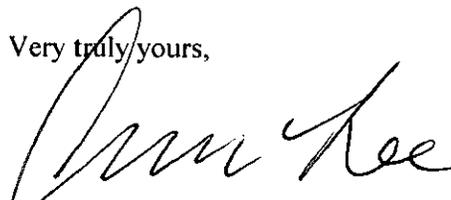
Section K

The rule table in Section K has been updated as a result of the changes to the Rule 219 equipment in Section D.

Please review the attached sections carefully. Insert the enclosed sections into your Title V Facility Permit and discard the earlier version.

The operation of your facility is bound by the conditions and/or requirements stated in the facility Permit to Operate. If you determine there are administrative errors, or if you have any questions, please contact Mr. Thomas Liebel, Senior A.Q. Engineer at (909) 396-2554 or by e-mail at [tliebel@aqmd.gov](mailto:tliebel@aqmd.gov) within 30 day of the receipt of your permit.

Very truly yours,



Andrew Y. Lee, P.E.  
Senior Engineering Manager  
Engineering & Compliance

AYL:CDT:TGL

Enclosures

cc: (w/enclosures)  
Gerardo Rios, EPA Region IX  
Compliance  
Central File  
A/N 546308



## FACILITY PERMIT TO OPERATE

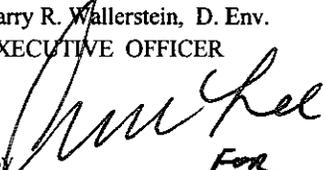
**TESORO LOGISTICS OPERATIONS LLC  
1930 E PACIFIC COAST HWY  
WILMINGTON, CA 90744**

### NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.  
EXECUTIVE OFFICER

By   
For  
Mohsen Nazemi, P.E.  
Deputy Executive Officer  
Engineering & Compliance



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

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**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

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**Facility Equipment and Requirements  
(Section D)**

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, all individual Permits to Operate issued to various equipment at the facility, and Rule 219-exempt equipment subject to source-specific requirements. Each permit and Rule 219-exempt equipment will list operating conditions including periodic monitoring requirements, and applicable emission limits and requirements. Also included are the rule origin and authority of each emission limit and permit condition.



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

**PERMITTED EQUIPMENT LIST**

THE FOLLOWING IS A LIST OF ALL PERMITS TO OPERATE AT THIS FACILITY:

<b>Application Number</b>	<b>Permit to Operate Number</b>	<b>Equipment Description</b>	<b>Page Number</b>
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**NOTE:** ANY APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

**FACILITY WIDE CONDITION(S)**

**Condition(s):**

1. MATERIAL SAFETY DATA SHEETS FOR ALL COATINGS, SOLVENTS, AND STORED FUEL ADDITIVES USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
(RULE 109, 1303(b)(2)-OFFSET)
2. THIS FACILITY SHALL COMPLY WITH THE MINOR SOURCE REQUIREMENTS OF 40 CFR 63 SUBPART R.  
[40 CFR 63 SUBPART R]
3. THIS FACILITY SHALL COMPLY WITH THE REQUIREMENTS OF 40 CFR 63 SUBPART BBBBBB.  
[40 CFR 63 SUBPART BBBBBB]



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**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

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**PERMIT TO OPERATE**

**Permit No. G16307  
A/N 525925**

**Equipment Description:**

WASTE WATER TREATING SYSTEM CONSISTING OF TANK NO. 260003, WASTE WATER, 6,170 BBL CAPACITY, 35'-0" DIA X 36'-0" H. WITH A SINGLE DECK, SINGLE SEAL FLOATING ROOF, AND A PUMP, INGERSOLL-RAND, CENTRIFUGAL, WITH MECHANICAL SEAL AND 20 HP MOTOR.

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]

**Periodic Monitoring:**

**Emissions and Requirements:**



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**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

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**PERMIT TO OPERATE**

**Permit No. G16308  
A/N 525935**

**Equipment Description:**

STORAGE TANK NO. 9603, 9'-6" DIA. X 15'-6" L., 8,000 GALLONS.

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL ONLY USE THIS EQUIPMENT FOR STORING FUEL ADDITIVES HAVING A VAPOR PRESSURE OF 0.5 PSIA OR LESS UNDER ACTUAL OPERATING CONDITIONS.  
[RULE 1303(b)(2)-OFFSET]

**Periodic Monitoring:**

**Emissions and Requirements:**

4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 1149



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

**PERMIT TO OPERATE**

**Permit No. G16309  
A/N 525938**

**Equipment Description:**

CARBON ADSORBER, CAMERON ENVIRONMENTAL, INC., MODEL TSU-2000, CONTAINING 2,000 POUNDS OF ACTIVATED CARBON, VENTING TANK NO. 9602

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL CHANGE OVER THE CARBON IN THE ADSORBER WHENEVER BREAKTHROUGH OCCURS. FOR THE PURPOSE OF THIS CONDITION, BREAKTHROUGH SHALL BE DEFINED AS HYDROCARBON CONCENTRATION AT THE EXHAUST OUTLET EXCEEDING 500 PPMV  
[RULE 1303(a)(1)-BACT]
4. RECORDS OF REPLACING ACTIVATED CARBON SHALL BE MAINTAINED FOR A PERIOD OF FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONEL UPON REQUEST.  
[RULE 204]

**Periodic Monitoring:**

5. THE OPERATOR SHALL PERIODICALLY MONITOR THE HYDROCARBON CONCENTRATION OF THE CARBON ADSORBER'S EXHAUST OUTLET, ESPECIALLY DURING PERIODS WHEN THE TANK RECEIVES PETROLEUM PRODUCTS.

THE OPERATOR SHALL USE EPA METHOD 21 OR A DISTRICT APPROVED ORGANIC VAPOR ANALYZER (OVA) TO MONITOR THE PARAMETER.

THE OPERATOR SHALL MONITOR ONCE EVERY MONTH.  
[RULE 1303(a)(1)-BACT; RULE 3004(a)(4) PERIODIC MONITORING]

**Emissions and Requirements:**

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: 500 PPMV 1303(a)(1) BACT



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

**PERMIT TO OPERATE**

**Permit No. G16310  
A/N 525940**

**Equipment Description:**

WASTE WATER STORAGE SYSTEM CONSISTING OF:

1. TRUCK LOADING RACK (AREA DRAINS) SUMP, 2,160 GALLON, 4'-0" X 9'-0" L. X 8'-0" D. WITH A FULL COVER, A STRIPPING PUMP, CENTRIFUGAL, WITH MECHANICAL SEAL & 2 HP MOTOR, AND A UNDERGROUND TANK, 10,000 GALLON CAPACITY, 8'-0" DIA. X 28'-0" L., WITH A SUMP PUMP, FLOWAY SUBERSIBLE, 1 H.P.
2. STORAGE TANK NO. 9602, BELOW GRADE, 9'-6" DIA. X 39'-7" L., 20,000 GALLONS, WASTE WATER, STORM WATER RUN-OFF AND CO-MINGLED PRODUCT.

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL ONLY USE THIS EQUIPMENT AS A FLOW THROUGH TANK FOR WASTEWATER, STORM WATER RUN-OFF, AND CO-MINGLED PRODUCT.  
[RULE 204]

**Periodic Monitoring: None**

**Emissions and Requirements:**

4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 1149



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

**PERMIT TO OPERATE**

**Permit No. G16311  
A/N 525941**

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**Equipment Description:**

STORAGE TANK 260001, DENATURED ETHANOL, FIXED ROOF TYPE WITH A DOUBLE SEAL INTERNAL FLOATING ROOF, 6000 BBL CAPACITY, 35'-0" DIA. X 36'-0" H.

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 130,000 BARRELS IN ANY ONE CALENDAR MONTH.

TO COMPLY WITH THIS CONDITION, THE OPERATOR SHALL INSTALL AND MAINTAIN A(N) FLOW METER TO ACCURATELY INDICATE THE THROUGHPUT AT THE LOADING RACKS NO. 1, NO. 2, NO. 3 & NO. 4. THE FLOW MEASURING DEVICE SHALL RECORD THE THROUGHPUT TO SHOW COMPLIANCE WITH THIS CONDITION.  
[RULE 1303(b)(2) – OFFSETS; RULE 204]

4. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT.

THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE USING AN EXPLOSIMETER OR EQUIVALENT DEVICE ONCE EVERY SIX MONTHS.  
[RULE 463]

5. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETERS(S):

STORED PRODUCT, THROUGHPUT, HYDROCARBON CONCENTRATION. SUCH RECORDS SHALL BE MAINTAINED, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.  
[RULE 463]

**Periodic Monitoring: None**



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**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

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**Emissions and Requirements:**

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463  
VOC: RULE 1149



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

**PERMIT TO CONSTRUCT/OPERATE**

**Permit No. G25783  
A/N 546309**

**Equipment Description:**

STORAGE TANK NO. 4504, FIXED ROOF, 30'-0" DIA X 36'-0" H., 4200 BBL WORKING CAPACITY.

**Conditions:**

1. CONSTRUCTION AND OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL ONLY BE USED TO STORE PETROLEUM DIESEL AND BIODIESEL PRODUCTS. THROUGHPUT OF THESE MATERIALS IN THIS TANK SHALL NOT EXCEED 59,000 BARRELS IN ANY ONE CALENDAR MONTH.  
[RULE 1303(b)(2)- OFFSETS, RULE 1313(g) – EMISSION LIMITATION]
4. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
5. THIS PERMIT TO CONSTRUCT SHALL EXPIRE JULY 24, 2014 UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER OR UNLESS THE EQUIPMENT HAS BEEN CONSTRUCTED AND THE OPERATOR HAS NOTIFIED THE EXECUTIVE OFFICER PRIOR TO THE OPERATION OF THE EQUIPMENT.  
[RULE 205]

**Periodic Monitoring:** NONE

**Emissions and Requirements:**

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463  
VOC: RULE 1149



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

**PERMIT TO CONSTRUCT/OPERATE**

**Permit No. G25784  
A/N 546310**

**Equipment Description:**

MODIFICATION TO MULTI RACK BULK UNLOADING/LOADING SYSTEM NO. 1 CONSISTING OF:

1. SIX GASOLINE PRODUCT BOTTOM LOADING ASSEMBLIES, 4" DIAMETER EACH.
2. TWO DIESEL BOTTOM LOADING ASSEMBLIES, 4" DIAMETER EACH.
3. TWO 4" VAPOR RETURN LINES.
4. METERING SKID, ETHANOL, WITH TURBINE METERS AND CONTROL VALVES.
5. TWO ETHANOL LOADING CENTRIFUGAL PUMPS, EACH 60 H.P., WITH DOUBLE MECHANICAL SEALS, COMMON TO SYSTEM NOS. 1, 2, 3, AND 4.

BY THE ADDITION OF:

6. TWO BIODIESEL UNLOADING PUMPS, EACH 60 H.P., WITH DOUBLE MECHANICAL SEALS.
7. TWO BIODIESEL LOADING PUMPS, EACH 60 H.P., WITH DOUBLE MECHANICAL SEALS, AND COMMON TO BULK LOADING SYSTEM NOS. 1, 2, 3, AND 4.
8. BIODIESEL METERING SYSTEM WITH CONTROL VALVES ON DIESEL LOADING ARMS.

**Conditions:**

1. CONSTRUCTION AND OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.  
[RULE 1303(a)(1) BACT; RULE 462; 40 CFR 60 SUBPART XX]
4. THE COMBINED AMOUNT OF LIQUID LOADED FOR LOADING RACKS NO. 1, 2, 3, AND 4 SHALL NOT EXCEED 120,000,000 GALLONS IN ANY ONE CALENDER MONTH.  
[RULE 1303(b)(2) OFFSETS, RULE 1313(g) – EMISSION LIMITATION]



## FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

5. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES IN THIS PERMIT.

ALL NEW VALVES SUBJECT TO BACT/LAER SHALL BE BELLOW-SEAL VALVES EXCEPT VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSION STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.

ALL NEW VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKING THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.

ALL NEW FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPMV ABOVE BACKGROUND.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303(a)(1) – BACT]

6. THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAN 60 DAYS AFTER INITIAL STARTUP, A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE. THE OPERATOR SHALL ALSO PROVIDE COMPLETE, AS BUILT, PIPING AND INSTRUMENTATION DIAGRAM(S) AND COPIES OF REQUISITION DATA SHEETS FOR ALL NON-LEAKLESS VALVES WITH A LISTING OF TAG NUMBERS.  
[RULE 1303(b)(2)-OFFSET]

7. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.  
[RULE 462, RULE 1303 (b)(2)-OFFSET, RULE 1401]



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

8. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ON JULY 24, 2014 UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER OR UNLESS THE EQUIPMENT HAS BEEN CONSTRUCTED AND THE OPERATOR HAS NOTIFIED THE EXECUTIVE OFFICER PRIOR TO THE OPERATION OF THE EQUIPMENT.  
[RULE 205]

**Periodic Monitoring:** NONE

**Emissions and Requirements:**

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: 0.08 LBS/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462, RULE 1303(a)(1) BACT,  
RULE 1313(g) – EMISSION LIMITATION  
VOC/TOC: 35 MG/L GASOLINE LOADED, 40 CFR 60 SUBPART XX



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

**PERMIT TO CONSTRUCT/OPERATE**

**Permit No. G25785  
A/N 546311**

**Equipment Description:**

MODIFICATION OF MULTI RACK BULK LOADING SYSTEM NO. 2 CONSISTING OF:

1. SIX GASOLINE PRODUCT BOTTOM LOADING ASSEMBLIES, 4" DIAMETER EACH..
2. TWO DIESEL AND/OR JET FUEL BOTTOM LOADING ASSEMBLIES, 4" DIAMETER EACH.
3. TWO 4" VAPOR RETURN LINES.
4. METERING SKID, ETHANOL, WITH TURBINE METERS AND CONTROL VALVES
5. TWO ETHANOL LOADING CENTRIFUGAL PUMPS, EACH 60 H.P., WITH DOUBLE MECHANICAL SEALS, COMMON TO SYSTEM NOS. 1, 2, 3, AND 4.

BY THE ADDITION OF:

6. TWO BIODIESEL LOADING PUMPS, EACH 60 H.P., WITH DOUBLE MECHANICAL SEALS, AND COMMON TO BULK LOADING SYSTEM NOS. 1, 2, 3, AND 4.
7. BIODIESEL METERING SYSTEM WITH CONTROL VALVES ON DIESEL LOADING ARMS.

**Conditions:**

1. CONSTRUCTION AND OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.  
[RULE 1303(a)(1) BACT; RULE 462; 40 CFR 60 SUBPART XX]
4. THE COMBINED AMOUNT OF LIQUID LOADED FOR LOADING RACKS NO. 1, 2, 3, AND 4 SHALL NOT EXCEED 120,000,000 GALLONS IN ANY ONE CALENDAR MONTH.  
[RULE 1303(b)(2) OFFSETS, RULE 1313(g) – EMISSION LIMITATION]



## FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

5. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES IN THIS PERMIT.

ALL NEW VALVES SUBJECT TO BACT/LAER SHALL BE BELLOWS-SEAL VALVES EXCEPT VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSION STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.

ALL NEW VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKING THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.

ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

ALL NEW COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPMV ABOVE BACKGROUND.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303(a)(1) – BACT]

6. THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAN 60 DAYS AFTER INITIAL STARTUP, A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE. THE OPERATOR SHALL ALSO PROVIDE COMPLETE, AS BUILT, PIPING AND INSTRUMENTATION DIAGRAM(S) AND COPIES OF REQUISITION DATA SHEETS FOR ALL NON-LEAKLESS VALVES WITH A LISTING OF TAG NUMBERS.  
[RULE 1303(b)(2)-OFFSET]

7. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.  
[RULE 462, RULE 1303 (b)(2)-OFFSET, RULE 1401]



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

8. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ON JULY 24, 2014 UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER OR UNLESS THE EQUIPMENT HAS BEEN CONSTRUCTED AND THE OPERATOR HAS NOTIFIED THE EXECUTIVE OFFICER PRIOR TO THE OPERATION OF THE EQUIPMENT.  
[RULE 205]

**Periodic Monitoring:** NONE

**Emissions and Requirements:**

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: 0.08 LBS/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462 RULE, 1303(a)(1)  
BACT,  
RULE 1313(g) – EMISSION LIMITATION  
VOC/TOC: 35 MG/L GASOLINE LOADED, 40 CFR 60 SUBPART XX



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

**PERMIT TO CONSTRUCT/OPERATE**

**Permit No. G25786  
A/N 546313**

**Equipment Description:**

MODIFICATION OF MULTI RACK BULK LOADING SYSTEM NO. 4 CONSISTING OF:

1. FOUR GASOLINE PRODUCT BOTTOM LOADING ASSEMBLIES, 4" DIAMETER EACH.
2. SIX DIESEL BOTTOM LOADING ASSEMBLIES, 4" DIAMETER EACH.
3. TWO 4" VAPOR RETURN LINES.
4. METERING SKID, ETHANOL, WITH TURBINE METERS AND CONTROL VALVES
5. TWO ETHANOL LOADING CENTRIFUGAL PUMPS, EACH 60 H.P., WITH DOUBLE MECHANICAL SEALS, COMMON TO SYSTEM NOS. 1, 2, 3, AND 4.

BY THE ADDITION OF:

6. TWO BIODIESEL LOADING PUMPS, EACH 60 H.P., WITH DOUBLE MECHANICAL SEALS, AND COMMON TO BULK LOADING SYSTEM NOS. 1, 2, 3, AND 4.
7. BIODIESEL METERING SYSTEM WITH CONTROL VALVES ON DIESEL LOADING ARMS.

**Conditions:**

1. CONSTRUCTION AND OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.  
[RULE 1303(a)(1) BACT; RULE 462; 40 CFR 60 SUBPART XX]
4. THE COMBINED AMOUNT OF LIQUID LOADED FOR LOADING RACKS NO. 1, 2, 3, AND 4 SHALL NOT EXCEED 120,000,000 GALLONS IN ANY ONE CALENDAR MONTH.  
[RULE 1303(b)(2) OFFSETS]



## FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

5. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES IN THIS PERMIT.

ALL NEW VALVES SUBJECT TO BACT/LAER SHALL BE BELLOW-SEAL VALVES EXCEPT VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSION STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.

ALL NEW VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKING THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.

ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

ALL NEW COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPMV ABOVE BACKGROUND.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303(a)(1) – BACT]

6. THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAN 60 DAYS AFTER INITIAL STARTUP, A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE. THE OPERATOR SHALL ALSO PROVIDE COMPLETE, AS BUILT, PIPING AND INSTRUMENTATION DIAGRAM(S) AND COPIES OF REQUISITION DATA SHEETS FOR ALL NON-LEAKLESS VALVES WITH A LISTING OF TAG NUMBERS.  
[RULE 1303(b)(2)-OFFSET]

7. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.  
[RULE 462, RULE 1303 (b)(2)-OFFSET, RULE 1401]



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

8. THIS PERMIT TO CONSTRUCT SHALL EXPIRE [ONE YEAR FROM THE DATE OF ISSUANCE] UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER OR UNLESS THE EQUIPMENT HAS BEEN CONSTRUCTED AND THE OPERATOR HAS NOTIFIED THE EXECUTIVE OFFICER PRIOR TO THE OPERATION OF THE EQUIPMENT.  
[RULE 205]

**Periodic Monitoring:** NONE

**Emissions and Requirements:**

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: 0.08 LBS/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462, RULE 1303(a)(1) BACT,  
RULE 1313(g) – EMISSION LIMITATION  
VOC/TOC: 35 MG/L GASOLINE LOADED, 40 CFR 60 SUBPART XX



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

**PERMIT TO CONSTRUCT/OPERATE**

**Permit No. G25787  
A/N 546312**

**Equipment Description:**

MODIFICATION OF MULTI RACK BULK UNLOADING/LOADING SYSTEM NO. 3 CONSISTING OF:

1. SIX GASOLINE PRODUCT BOTTOM LOADING ASSEMBLIES, 4" DIAMETER EACH.
2. TWO DIESEL BOTTOM LOADING ASSEMBLIES, 4" DIAMETER EACH.
3. TWO 4" VAPOR RETURN LINES.
4. METERING SKID, ETHANOL, WITH TURBINE METERS AND CONTROL VALVES
5. TWO ETHANOL LOADING CENTRIFUGAL PUMPS, EACH 60 H.P., WITH DOUBLE MECHANICAL SEALS, COMMON TO SYSTEM NOS. 1, 2, 3, AND 4.
6. TWO ETHANOL UNLOADING CENTRIFUGAL PUMPS, EACH 30 H.P., WITH DOUBLE MECHANICAL SEALS.

BY THE ADDITION OF:

7. TWO BIODIESEL LOADING PUMPS, EACH 60 H.P., WITH DOUBLE MECHANICAL SEALS, AND COMMON TO BULK LOADING SYSTEM NOS. 1, 2, 3, AND 4.
8. BIODIESEL METERING SYSTEM WITH CONTROL VALVES ON DIESEL LOADING ARMS.

**Conditions:**

1. CONSTRUCTION AND OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.  
[RULE 1303(a)(1) BACT; RULE 462; 40 CFR 60 SUBPART XX]
4. THE COMBINED AMOUNT OF LIQUID LOADED FOR LOADING RACKS NO. 1, 2, 3, AND 4 SHALL NOT EXCEED 120,000,000 GALLONS IN ANY ONE CALENDAR MONTH.  
[RULE 1303(b)(2) OFFSETS, RULE 1313(g) – EMISSION LIMITAION]



## FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

5. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES IN THIS PERMIT.

ALL NEW VALVES SUBJECT TO BACT/LAER SHALL BE BELLOW-SEAL VALVES EXCEPT VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSION STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.

ALL NEW VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKING THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.

ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

ALL NEW COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPMV ABOVE BACKGROUND.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303(a)(1) – BACT]

6. THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAN 60 DAYS AFTER INITIAL STARTUP, A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE. THE OPERATOR SHALL ALSO PROVIDE COMPLETE, AS BUILT, PIPING AND INSTRUMENTATION DIAGRAM(S) AND COPIES OF REQUISITION DATA SHEETS FOR ALL NON-LEAKLESS VALVES WITH A LISTING OF TAG NUMBERS.  
[RULE 1303(b)(2)-OFFSET]

7. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.  
[RULE 462, RULE 1303 (b)(2)-OFFSET, RULE 1401]



## FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

8. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ON JULY 24, 2014 UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER OR UNLESS THE EQUIPMENT HAS BEEN CONSTRUCTED AND THE OPERATOR HAS NOTIFIED THE EXECUTIVE OFFICER PRIOR TO THE OPERATION OF THE EQUIPMENT.  
[RULE 205]

**Periodic Monitoring:** NONE

**Emissions and Requirements:**

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: 0.08 LBS/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462, RULE 1303(a)(1) BACT,  
RULE 1313(g) – EMISSION LIMITATION  
VOC/TOC: 35 MG/L GASOLINE LOADED, 40 CFR 60 SUBPART XX



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**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

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**RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT.

**Emissions And Requirements:**

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 1140 – SEE APPENDIX B FOR EMISSION LIMITS



## FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

### RULE 219 EQUIPMENT

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS.

**Periodic Monitoring:**

1. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

FOR ARCHITECTURAL APPLICATIONS WHERE NO THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN SEMI-ANNUAL RECORDS OF ALL COATINGS CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS SUPPLIED IN GRAMS PER LITER (g/l) OF MATERIALS FOR LOW-SOLIDS COATINGS, (c) VOC CONTENT AS SUPPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

FOR OTHER ARCHITECTURAL APPLICATIONS WHERE THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN DAILY RECORDS FOR EACH COATING CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS APPLIED IN GRAMS PER LITER (g/l) OF MATERIALS USED FOR LOW-SOLIDS COATINGS, (c) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

[RULE 1113]

**Emissions and Requirements:**

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS



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**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

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**RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL UNHEATED, NON-CONVEYORIZED

**Emissions And Requirements:**

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 1122



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**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

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**Facility Equipment and Requirements  
(Section H)**

This section consists of a table listing all individual Permits to Construct issued to various equipment at the facility. Each permit will list operating conditions, including periodic monitoring requirements and applicable emission limits and requirements. Also included are the rule origin and authority of each emission limit and permit condition.



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

**PERMITTED EQUIPMENT LIST**

THE FOLLOWING IS A LIST OF ALL PERMITS TO CONSTRUCT AT THIS FACILITY:

<b>Application Number</b>	<b>Equipment Description</b>	<b>Page Number</b>
525928	VAPOR DESTRUCTION SYSTEM (THERMAL OXIDIZER)	3
529203	STORAGE TANK NO. 260001, INT. FLOATING ROOF	6
529205	STORAGE TANK NO. 260003, DOMED EXT. FLOATING ROOF	9

**NOTE: ANY APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.**



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

**PERMIT TO CONSTRUCT**

**A/N 525928  
Granted: 10/16/98**

**Equipment Description:**

VAPOR DESTRUCTION SYSTEM SERVING BULK LOADING SYSTEMS NOS. 1, 2, 3, AND 4 CONSISTING OF:

1. THERMAL OXIDIZER, JOHN ZINK, MODEL NO. ZCT-3-8-45-2/8-X, DIRECT GAS FIRED, 77.8 MMBTU/HR, WITH THE FOLLOWING EQUIPMENT:
2. LIQUID SEAL DRUM, V-201, 3'-0" DIA. X 6'-0" H.
3. COMBUSTION AIR BLOWER 3 HP.
4. COMBUSTION STACK, 8'-0" DIA. X 45'-0" H.
5. KNOCK OUT TANK, BELOW GRADE, 560 GALLON CAPACITY, WITH A DISCHARGE PUMP, P 101, CENTRIFUGAL, WITH MECHANICAL SEAL, 5 HP.
6. EXHAUST BLOWER, 5 HP.
7. BLADDER TANK, NO. 260002, 35'-0" DIA. X 35'-10" H., 6170 BBL CAPACITY.

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS VAPOR RECOVERY SYSTEM SHALL ONLY BE USED TO RECEIVE AND DISPOSE OF VAPORS GENERATED FROM BULK LOADING SYSTEMS NOS. 1, 2, 3, AND 4.  
[RULE 1301(a)(1) BACT, RULE 462, 40 CFR 60 SUBPART XX]

**Periodic Monitoring**

- 4) THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:



## FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

WHENEVER THE THERMAL OXIDIZER IS IN OPERATION, A TEMPERATURE NOT LESS THAN 1100 DEGREES FAHRENHEIT (ON A 15-MINUTE AVERAGE) AND A 0.3 SECOND GAS RESIDENCE TIME SHALL BE MAINTAINED IN THE COMBUSTION CHAMBER EXCEPT FOR PERIODS OF START-UP AND SHUTDOWN. START-UP IS DEFINED AS THE PERIOD FROM IGNITION TO THE TIME WHEN 1100 DEGREES FAHRENHEIT IS ACHIEVED, NOT TO EXCEED 30 MINUTES. SHUTDOWN IS DEFINED AS THE PERIOD FROM WHEN THE VAPOR VALVE BEGINS TO SHUT AND IS COMPLETELY CLOSED SHUT, NOT TO EXCEED 30 MINUTES. TO COMPLY WITH THIS CONDITION, THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE MEASUREMENT AND RECORDING DEVICE TO CONTINUOUSLY INDICATE THE TEMPERATURE IN THE COMBUSTION CHAMBER OR IN A LOCATION IN THE DUCTWORK/EXHAUST STACK DOWNSTREAM FROM THE COMBUSTION CHAMBER. THE TEMPERATURE MEASUREMENT DEVICE SHALL BE INSTALLED AND OPERATED IN COMPLIANCE WITH CONDITIONS SET FORTH IN AN APPROVED RULE 462 COMPLIANCE PLAN.

THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS USING AN APPLICABLE AQMD OR EPA APPROVED METHOD.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1100 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION (i.e..EXCLUDING START-UP AND SHUTDOWN) OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1100 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD ON A SEMI-ANNUAL BASIS PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITIONS NOS. 22 AND 23 OF SECTION K OF THIS PERMIT. THE SEMI-ANNUAL MONITORING REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION FOR A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.



## FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS. [RULE 1303(a)(1) BACT, RULE 462, 3004(a)(4) PERIODIC MONITORING, 40CFR PART 64]

5. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS.

THE DISTRICT SHALL BE NOTIFIED OF THE DATE AND TIME OF THE TEST AT LEAST 10 DAYS PRIOR TO THE TEST.

THE TEST SHALL BE CONDUCTED TO DEMONSTRATE COMPLIANCE WITH RULE 462.

A TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS BEFORE THE PROPOSED TEST DATE. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TEST LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING IT MEET THE CRITERIA IN DISTRICT RULE 304(1), AND A DESCRIPTION OF ALL SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.

THE TEST SHALL BE CONDUCTED ANNUALLY.

THE TEST SHALL BE CONDUCTED TO DETERMINE THE BULK LOADING RATE IN GALLONS PER HOUR DURING THE SOURCE TEST.

THE TEST SHALL BE CONDUCTED TO DERMINE THE VOC EMISSION RATE IN POUND(S) PER 1000 GALLONS LOADED.

A SOURCE TEST REPORT WITH THE TEST RESULTS SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 45 DAYS AFER THE DATE THAT THE TEST WAS CONDUCTED. [RULE 462, RULE 3004(a)(4) - PERIODIC MONITORING, RULE 1303(a)(1) BACT]

### Emissions and Requirements:

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

CO: 2000 PPMV PROCESS GAS, RULE 407  
PM: RULE 404 – SEE APPENDIX B FOR EMISSION LIMITS  
PM: 0.1 GRAINS/SCF PROCESS GAS, RULE 409  
VOC: 0.08 LBS/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462, RULE 1303(a)(1) BACT  
VOC/TOC: 35 MG/L GASOLINE LOADED, 40 CFR 60 SUBPART XX



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

**PERMIT TO CONSTRUCT**

**A/N 529203  
Granted 02/01/2012**

**Equipment Description:**

MODIFICATION OF STORAGE TANK 260001, 35'-0" DIA. X 36'-0" H., 6000 BBL CAPACITY, DENATURED ETHANOL, FIXED ROOF TYPE WITH A WELDED DOUBLE DECK INTERNAL FLOATING ROOF, A SHOE TYPE PRIMARY SEAL AND A RIM MOUNTED SECONDARY SEAL.

BY THE ADDITION OF:

- 1) AN AUTOMATIC TANK LEVELING GAUGE (ATLG) SYSTEM

AND:

- 2) INCREASING THE ALLOWABLE THROUGHPUT OF DENATURED ETHANOL.

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL LIMIT THE THROUGHPUT OF DENATURED ETHANOL TO NO MORE THAN 225,000 BARRELS IN ANY ONE CALENDAR MONTH.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION:  $0.14 \times D \times D \times L$ , WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE EVERY 15 MINUTES.



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THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE TIME THAT THE ATLG WENT OUT OF SERVICE.

[1303(b)(2) – OFFSETS; RULE 204]

4. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT.

THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE USING AN EXPLOSIMETER OR EQUIVALENT DEVICE ONCE EVERY SIX MONTHS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.

[RULE 463]

5. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETERS(S):

STORED PRODUCT, THROUGHPUT, HYDROCARBON CONCENTRATION. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.

[RULE 463]

6. FINAL DRAWINGS AND/OR SPECIFICATIONS OF THIS EQUIPMENT INSTALLED/CONSTRUCTED SHALL BE SUBMITTED TO THE DISTRICT WITHIN 60 DAYS AFTER INITIAL START-UP.

[RULE 204]

7. THE PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.

[RULE 205]

**Periodic Monitoring: None**



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**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

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**Emissions and Requirements:**

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463

VOC: RULE 1149



**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

**PERMIT TO CONSTRUCT**

**A/N 529205  
Granted 02/01/2012**

**Equipment Description**

MODIFICATION OF STORAGE TANK NO. 260003, 35'-0" DIA X 36'-0" H., 6,000 BBL CAPACITY, SLOP WATER AND COMMINGLED PRODUCT, WITH A WELDED DOUBLE DECK FLOATING ROOF, A SHOE TYPE PRIMARY SEAL, A RIM MOUNTED SECONDARY SEAL A PUMP, INGERSOLL-RAND, CENTRIFUGAL, AND 20 HP MOTOR.

BY THE ADDITION OF:

- 1) A GEODESIC DOME
- 2) AN AUTOMATIC TANK LEVELING GAUGE (ATLG) SYSTEM

AND:

- 3) ALLOWING STORAGE OF DENATURED ETHANOL

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. WHEN STORING DENATURED ETHANOL, THE OPERATOR SHALL LIMIT THE THROUGHPUT OF DENATURED ETHANOL TO NO MORE THAN 216,000 BARRELS IN ANY ONE CALENDAR MONTH.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION:  $0.14 \times D \times D \times L$ , WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE EVERY 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.



## FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE TIME THAT THE ATLG WENT OUT OF SERVICE.

[1303(b)(2) – OFFSETS; RULE 204]

4. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT.

THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE USING AN EXPLOSIMETER OR EQUIVALENT DEVICE ONCE EVERY SIX MONTHS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.

[RULE 463]

5. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETERS(S):

STORED PRODUCT, THROUGHPUT, HYDROCARBON CONCENTRATION. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.

[RULE 463]

6. FINAL DRAWINGS AND/OR SPECIFICATIONS OF THIS EQUIPMENT INSTALLED/CONSTRUCTED SHALL BE SUBMITTED TO THE DISTRICT WITHIN 60 DAYS AFTER INITIAL START-UP

[RULE 204]

7. THE PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.

[RULE 205]

**Periodic Monitoring: None**



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**FACILITY PERMIT TO OPERATE  
TESORO LOGISTICS OPERATIONS LLC**

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**Emissions and Requirements:**

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463  
VOC: RULE 1149



## FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

### SECTION K: TITLE V Administration

#### GENERAL PROVISIONS

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

#### Permit Renewal and Expiration

3. (A) Except for solid waste incineration facilities subject to standards under section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]  
  
(B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

#### Duty to Provide Information

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

#### Payment of Fees

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]



## FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

### SECTION K: TITLE V Administration

#### Reopening for Cause

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:
- (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.
  - (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
  - (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

#### COMPLIANCE PROVISIONS

8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:
- (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
  - (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]



## FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

### SECTION K: TITLE V Administration

9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:
  - (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
  - (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
  - (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
  - (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]
  
10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]
  
11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]
  
12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]
  
13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]



## **FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC**

### **SECTION K: TITLE V Administration**

14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. Nothing in this permit or in any permit shield can alter or affect:
- (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
  - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
  - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
  - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
  - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
  - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]



## FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

### SECTION K: TITLE V Administration EMERGENCY PROVISIONS

17. An emergency<sup>1</sup> constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limit only if:
- (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:
    - (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
    - (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
    - (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
    - (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
  - (B) The operator complies with the breakdown provisions of Rule 430 – Breakdown Provisions, or subdivision (i) of Rule 2004 – Requirements, whichever is applicable. [3002(g), 430, 2004(i)]
18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

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<sup>1</sup> "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.



## **FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC**

### **SECTION K: TITLE V Administration RECORDKEEPING PROVISIONS**

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:

- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
- (B) The date(s) analyses were performed;
- (C) The company or entity that performed the analyses;
- (D) The analytical techniques or methods used;
- (E) The results of such analyses; and
- (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]

20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]

21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

### **REPORTING PROVISIONS**

22. The operator shall comply with the following requirements for prompt reporting of deviations:

- (A) Breakdowns shall be reported as required by Rule 430 – Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.



## FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

### SECTION K: TITLE V Administration

- (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.
- (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
- (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;



## **FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC**

### **SECTION K: TITLE V Administration**

- (B) The compliance status during the reporting period;
- (C) Whether compliance was continuous or intermittent;
- (D) The method(s) used to determine compliance over the reporting period and currently, and
- (E) Any other facts specifically required by the Executive Officer to determine compliance.

The EPA copy of the certification shall be sent to: Director of the Air Division Attn:  
Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]

25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

### **PERIODIC MONITORING**

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the TitleV application file. [3004(a)(4)]



## FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

### SECTION K: TITLE V Administration

#### *FACILITY RULES*

*This facility is subject to the following rules and regulations*

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 109	5-2-2003	Federally enforceable
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	6-3-2011	Non federally enforceable
RULE 1122	10-1-2004	Federally enforceable
RULE 1122	5-1-2009	Non federally enforceable
RULE 1140	2-1-1980	Federally enforceable
RULE 1140	8-2-1985	Non federally enforceable
RULE 1149	5-2-2008	Non federally enforceable
RULE 1149	7-14-1995	Federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1401	9-10-2010	Non federally enforceable
RULE 1402	3-4-2005	Non federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	6-1-2007	Non federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 3002	11-14-1997	Federally enforceable



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<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 3002	11-5-2010	Non federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3003	11-5-2010	Non federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3005	11-5-2010	Non federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 301	5-6-2011	Non federally enforceable
RULE 304	5-6-2011	Non federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.1	6-12-1998	Federally enforceable
RULE 462	5-14-1999	Federally enforceable
RULE 463	5-6-2005	Federally enforceable
RULE 466	10-7-1983	Federally enforceable
RULE 466.1	3-16-1984	Non federally enforceable
RULE 466.1	5-2-1980	Federally enforceable
RULE 480	10-7-1977	Federally enforceable
RULE 481	1-11-2002	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 60 Subpart XX	12-19-2003	Federally enforceable
40CFR 63 Subpart BBBBBB	1-10-2008	Federally enforceable
40CFR 63 Subpart R, #2 (Minor Sources)	12-19-2003	Federally enforceable
40CFR 63SubpartBBBBB	3-7-2008	Federally enforceable
40CFR Part 64	10-22-1997	Federally enforceable