

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 _____
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

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: TESORO LOGISTICS OPERATIONS LLC

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 1930 E PACIFIC COAST HWY
 WILMINGTON, CA 90744-2998

MAILING ADDRESS: 2101 E PACIFIC COAST HWY
 WILMINGTON, CA 90744

RESPONSIBLE OFFICIAL: BENJAMIN MARTINEZ

TITLE: TERMINAL/FLEET OPERATIONS

TELEPHONE NUMBER: (562) 806-4184

CONTACT PERSON: RUTHANNE WALKER

TITLE: ENVIRONMENTAL COORDINATOR

TELEPHONE NUMBER: (562) 806-4105

TITLE V PERMIT ISSUED: January 15, 2013

TITLE V PERMIT EXPIRATION DATE: January 14, 2018

TITLE V	RECLAIM
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YES	NOx: YES SOx: NO CYCLE: 1 ZONE: COASTAL
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**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC**

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

NOT APPLICABLE

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: BULK LOADING					P1.2, P1.3, P13.1, P31.1
System 1: CONTROLLED GASOLINE LOADING RACK NO. 1					
BULK LOADING/UNLOADING RACK WITH A/N: 546310 LOADING ARM, BOTTOM, TANK TRUCK, GASOLINE, 6 TOTAL; DIAMETER: 4 IN LOADING ARM, BOTTOM, TANK TRUCK, DIESEL FUEL, 2 TOTAL; DIAMETER: 4 IN VAPOR RETURN LINE, 4" DIA., 2 TOTAL METERING SKID, ETHANOL, WITH TURBINE METERS AND CONTROL VALVES METERING SKID, BIODIESEL WITH CONTROL VALVES ON DIESEL LOADING ARMS	D29			TOC: 35 MG/L (8) [40CFR 60 Subpart XX, 12-19-2003]; VOC: (10) [40CFR 63SubpartBBBBB, 1-24-2011]; VOC: 0.08 LBS/1000 GAL ORGANIC LIQUID (5) [RULE 462, 5-14-1999]	C1.2, E336.1, E448.1, E448.2, H23.8, K67.4
PUMP, ETHANOL LOADING, CENTRIGUGAL, WITH DOUBLE MECHANICAL SEALS, 60 H.P., COMMON TO LOADING 1, 2, 3 & 4, TOTAL OF TWO(2), ONE IS SPARE A/N: 546310	D143				

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: BULK LOADING					P1.2, P1.3, P13.1, P31.1
PUMP, BIODIESEL, UNLOADING, EACH 60 H.P. WITH DOUBLE MECHANICAL SEALS, 2 TOTAL A/N: 546310	D148				
PUMP, BIODIESEL, LOADING PUMPS, EACH 60 H.P., WITH DOUBLE MECHANICAL SEALS, (COMMON TO SYSTEM NOS. 1, 2, 3 AND 4) A/N: 546310	D149				
System 2: CONTROLLED GASOLINE LOADING RACK NO. 2					

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: BULK LOADING					P1.2, P1.3, P13.1, P31.1
BULK LOADING/UNLOADING RACK WITH A/N: 546311 LOADING ARM, BOTTOM, TANK TRUCK, GASOLINE, 6 TOTAL; DIAMETER: 4 IN LOADING ARM, BOTTOM, TANK TRUCK, DIESEL FUEL, 2 TOTAL; DIAMETER: 4 IN VAPOR RETURN LINE, 4" DIA., 2 TOTAL METERING SKID, ETHANOL, WITH TURBINE METERS AND CONTROL VALVES METERING SKID, BIODIESEL WITH CONTROL VALVES ON DIESEL LOADING ARMS	D44			TOC: 35 MG/L (8) [40CFR 60 Subpart XX, 3-2-1984]; VOC: 0.08 LBS/1000 GAL ORGANIC LIQUID (5) [RULE 462, 5-14-1999]	C1.2, E336.1, E448.1, E448.2, H23.8, K67.4
PUMP, ETHANOL LOADING, CENTRIGUGAL, WITH DOUBLE MECHANICAL SEALS, 60 H.P., COMMON TO LOADING 1, 2, 3 & 4, TOTAL OF TWO(2), ONE IS SPARE A/N: 546310	D143				

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: BULK LOADING					P1.2, P1.3, P13.1, P31.1
PUMP, BIODIESEL, LOADING PUMPS, EACH 60 H.P., WITH DOUBLE MECHANICAL SEALS, (COMMON TO SYSTEM NOS. 1, 2, 3 AND 4) A/N: 546310	D149				
System 3: CONTROLLED GASOLINE LOADING RACK NO. 3					
BULK LOADING/UNLOADING RACK WITH A/N: 546312 LOADING ARM, BOTTOM, TANK TRUCK, GASOLINE, 6 TOTAL; DIAMETER: 4 IN LOADING ARM, BOTTOM, TANK TRUCK, DIESEL FUEL, 2 TOTAL; DIAMETER: 4 IN VAPOR RETURN LINE, 4" DIA., 2 TOTAL METERING SKID, ETHANOL, WITH TURBINE METERS AND CONTROL VALVES METERING SKID, BIODIESEL WITH CONTROL VALVES ON DIESEL LOADING ARMS	D20			TOC: 35 MG/L (8) [40CFR 60 Subpart XX, 3-2-1984]; VOC: 0.08 LBS/1000 GAL ORGANIC LIQUID (5) [RULE 462, 5-14-1999]	C1.2, E336.1, E448.1, E448.2, H23.8, K67.4

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: BULK LOADING					P1.2, P1.3, P13.1, P31.1
PUMP, ETHANOL LOADING, CENTRIGUGAL, WITH DOUBLE MECHANICAL SEALS, 60 H.P., COMMON TO LOADING 1, 2, 3 & 4, TOTAL OF TWO(2), ONE IS SPARE A/N: 546310	D143				
PUMP, ETHANOL UNLOADING, CENTRIGUGAL, WITH DOUBLE MECHANICAL SEALS, 30 H.P., TOTAL OF TWO(2) A/N: 546310	D144				
PUMP, BIODIESEL, LOADING PUMPS, EACH 60 H.P., WITH DOUBLE MECHANICAL SEALS, (COMMON TO SYSTEM NOS. 1, 2, 3 AND 4) A/N: 546310	D149				
System 4: CONTROLLED GASOLINE LOADING RACK NO. 4					

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: BULK LOADING					P1.2, P1.3, P13.1, P31.1
BULK LOADING/UNLOADING RACK WITH A/N: 546313 LOADING ARM, BOTTOM, TANK TRUCK, GASOLINE, 4 TOTAL; DIAMETER: 4 IN LOADING ARM, BOTTOM, TANK TRUCK, DIESEL FUEL, 6 TOTAL; DIAMETER: 4 IN VAPOR RETURN LINE, 4" DIA., 2 TOTAL METERING SKID, ETHANOL, WITH TURBINE METERS AND CONTROL VALVES METERING SKID, BIODIESEL WITH CONTROL VALVES ON DIESEL LOADING ARMS	D59			TOC: 35 MG/L (8) [40CFR 60 Subpart XX, 3-2-1984]; VOC: 0.08 LBS/1000 GAL ORGANIC LIQUID (5) [RULE 462, 5-14-1999]	C1.2, E336.1, E448.1, E448.2, H23.8, K67.4
PUMP, DIESEL, WITH MECHANICAL SEALS, 30 H.P. A/N: 546310	D82				
PUMP, ETHANOL LOADING, CENTRIGUGAL, WITH DOUBLE MECHANICAL SEALS, 60 H.P., COMMON TO LOADING 1, 2, 3 & 4, TOTAL OF TWO(2), ONE IS SPARE A/N: 546310	D143				

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| <ul style="list-style-type: none"> * (1) (1A) (1B) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5) (5A) (5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits | <ul style="list-style-type: none"> (2) (2A) (2B) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) (10) See section J for NESHAP/MACT requirements |
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** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: BULK LOADING					P1.2, P1.3, P13.1, P31.1
PUMP, BIODIESEL, LOADING PUMPS, EACH 60 H.P., WITH DOUBLE MECHANICAL SEALS, (COMMON TO SYSTEM NOS. 1, 2, 3 AND 4) A/N: 546310	D149				
Process 2: STORAGE TANK					
STORAGE TANK, FIXED ROOF, NO.9603, FUEL ADDITIVES, 8000 GALS; DIAMETER: 9 FT 6 IN; LENGTH: 15 FT A/N: 525935	D127				E71.4
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 260001, DENATURED ETHANOL, 6000 BBL; DIAMETER: 35 FT ; HEIGHT: 36 FT WITH A/N: 525941 FLOATING ROOF PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D3				C1.1, C6.1, E71.5, H23.7, K67.3
STORAGE TANK, FIXED ROOF, NO. 4504, 4200 BBL; DIAMETER: 30 FT ; HEIGHT: 36 FT A/N: 546309	D155				C1.3, E448.2, K67.4
Process 3: WASTE WATER TREATING					

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: WASTE WATER TREATING					
STORAGE TANK, UNDERGROUND, NO.9602, WITH A 15 H.P. SUBMERSIBLE PUMP, STORM WATER RUN-OFF AND COMMINGLED PRODUCT, WASTE WATER, 20000 GALS; DIAMETER: 9 FT 6 IN; LENGTH: 39 FT 7 IN A/N: 525940	D126	C128		VOC: 500 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996]	E71.3, H23.6
ADSORBER, ACTIVATED CARBON, CAMERON ENVIRONMENTAL INC., MODEL TSU-2000, 2000 LBS A/N: 525938	C128	D126		ROG: 500 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	D90.1, E153.1
SUMP, TRUCK LOADING RACK (AREA DRAINS) A/N: 525940	D91			ROG: 500 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	E71.3
STORAGE TANK, EXTERNAL FLOATING ROOF, NO. 260003, SLOP WATER WITH COMMINGLED PRODUCT, 6000 BBL; DIAMETER: 35 FT ; HEIGHT: 36 FT WITH A/N: 525925 FLOATING ROOF PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE PUMP, WITH MECHANICAL SEAL, 20 H.P.	D99				

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|---|---|
| <p>* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits</p> | <p>(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements</p> |
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FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6: RULE 219 EXEMPT EQUIPMENT					
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT	E129			PM: (9) [RULE 404, 2-7-1986]; PM10: (9) [RULE 405, 2-7-1986]	H23.9
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL UNHEATED, NON-CONVEYORIZED	E130			VOC: (9) [RULE 1171, 2-1-2008; RULE 1171, 5-1-2009]	H23.1
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E134			VOC: (9) [RULE 1113, 5-14-1999; RULE 1171, 6-13-1997; RULE 1171, 10-8-1999]	K67.1

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**

**FACILITY PERMIT TO OPERATE
 TESORO LOGISTICS OPERATIONS LLC
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D3	7	2	0
D20	4	1	3
D29	1	1	1
D44	3	1	2
D59	6	1	4
D82	6	1	4
D91	8	3	0
D99	8	3	0
D126	8	3	0
D127	7	2	0
C128	8	3	0
E129	9	6	0
E130	9	6	0
E134	9	6	0
D143	1	1	1
D143	3	1	2
D143	5	1	3
D143	6	1	4
D144	5	1	3
D148	2	1	1
D149	2	1	1
D149	4	1	2
D149	5	1	3
D149	7	1	4
D155	7	2	0

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 9-11-1998]

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

Minor source requirements of 40 CFR 63 Subpart R.

40 CFR 63 Subpart BBBBBB

[40CFR 63SubpartBBBBBB, 1-24-2011; 40CFR 63 Subpart R, 4-6-2006]

F52.2 This facility is subject to the applicable requirements of the following rules or regulation(s):

Material Safety Data Sheets (MSDS) 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, 5-2-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

PROCESS CONDITIONS

P1.2 The operator shall limit the loading rate to no more than 120,000,000 gallon(s) in any one calendar month.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Processes subject to this condition : 1]

P1.3 The operator shall limit the loading rate to no more than 4,500,000 gallon(s) per day.

For the purpose of this condition, this limit shall be defined as the certified CARB limit.

[RULE 462, 5-14-1999]

[Processes subject to this condition : 1]

P13.1 All devices under this process are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	462
VOC	40CFR60, SUBPART	XX
VOC	40CFR63, SUBPART	BBBBBB

[RULE 462, 6-9-1995; 40CFR 60 Subpart XX, 3-2-1984; 40CFR 63SubpartBBBBBB, 1-24-2011]

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Processes subject to this condition : 1]

P31.1 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 546310, 546311, 546312 and 546313:

All new valves shall be bellow-seal valves except in the following applications: valves in heavy liquid service, control valves, instrument piping/tubing valves, valves requiring torsional 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 commercially 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 using EPA Reference Method 21, 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.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Processes subject to this condition : 1]

DEVICE CONDITIONS

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the throughput to no more than 130,000 barrel(s) in any one 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)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D3]

C1.2 The operator shall limit the throughput to no more than 120,000,000 gallon(s) in any one calendar month.

This condition shall apply to the combined liquid loaded for loading racks no. 1, 2, 3 and 4..

[RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1313(g), 12-7-1995]

[Devices subject to this condition : D20, D29, D44, D59]

C1.3 The operator shall limit the throughput to no more than 59,000 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

This equipment shall only be used to store petroleum diesel and biodiesel products..

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1313(g), 12-7-1995]

[Devices subject to this condition : D155]

- C6.1 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, 3-11-1994]

[Devices subject to this condition : D3]

D. Monitoring/Testing Requirements

- D90.1 The operator shall periodically monitor the hydrocarbon concentration at the exhaust outlet of the carbon adsorber, especially during periods when the tank receives petroleum products, according to the following specifications:

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, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : C128]

E. Equipment Operation/Construction Requirements

E71.3 The operator shall only use this equipment for storing waste water from truck washing operations, storm water run-off and commingled product.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D91, D126]

E71.4 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 463, 11-4-2011**]

[Devices subject to this condition : D127]

E71.5 The operator shall only use this equipment to store Denatured Ethanol.

[**RULE 1303(b)(2)-Offset, 5-10-1996**]

[Devices subject to this condition : D3]

E153.1 The operator shall change over the carbon in the adsorber whenever breakthrough occurs.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

For the purpose of this condition, breakthrough shall be defined as hydrocarbon concentration at the exhaust outlet exceeding 500 ppmv.

Records of replacing activated carbon shall be maintained and kept for a period of five years and shall be made available to District personnel upon request.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C128]

E336.1 The operator shall vent the vent gases from this equipment as follows:

This equipment shall not be operated unless the air pollution control system is in full use and has a valid permit to receive vent gases from this equipment.

All vent gases from this loading rack shall be vented to the air pollution control system (thermal oxidizer) and shall not be vented to any other loading rack.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 462, 5-14-1999; 40CFR 60 Subpart XX, 3-2-1984]

[Devices subject to this condition : D20, D29, D44, D59]

E448.1 The operator shall comply with the following requirements:

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, 12-6-2002]

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D20, D29, D44, D59]

E448.2 The operator shall comply with the following requirements:

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 or his representative prior to the operation of the equipment.

[RULE 205, 1-5-1990]

[Devices subject to this condition : D20, D29, D44, D59, D155]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122
VOC	District Rule	1171

[RULE 1415, 10-14-1994]

[Devices subject to this condition : E130]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
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FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

VOC	District Rule	1149
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[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008]

[Devices subject to this condition : D126]

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149
VOC	District Rule	463

[RULE 1149, 7-14-1995; RULE 463, 3-11-1994]

[Devices subject to this condition : D3]

H23.8 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	462
VOC	40CFR60, SUBPART	XX
VOC	40CFR63, SUBPART	BBBBBB

[RULE 462, 5-14-1999; 40CFR 60 Subpart XX, 12-19-2003; 40CFR 63 Subpart R, 4-6-2006]

[Devices subject to this condition : D20, D29, D44, D59]

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.9 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM	District Rule	1140
PM	District Rule	1140

[RULE 1140, 2-1-1980; RULE 1140, 8-2-1985; RULE 404, 2-7-1986]

[Devices subject to this condition : E129]

K. Record Keeping/Reporting

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where 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 coatings.

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating 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 coatings.

[RULE 1113, 7-13-2007; RULE 1113, 9-6-2013; RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E134]

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Stored Product, throughput, hydrocarbon concentration. Such records shall be maintained for five years, and shall be made available to the executive officer or his authorized representative upon request.

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D3]

K67.4 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Adequate records shall be kept to show compliance with the limitations specified in the permit.. Such records shall be maintained and kept of file for at least five years and shall be made available to the Executive Officer or his authorized representative upon request.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 9-10-2010; RULE 462, 5-14-1999]

[Devices subject to this condition : D20, D29, D44, D59, D155]

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
 - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
 - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been 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, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
 - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions 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 and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION E: ADMINISTRATIVE CONDITIONS

5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least: [204]
 - a. Three years for a facility not subject to Title V; or
 - b. Five years for a facility subject to Title V.
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
 - a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134, 204]
 - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
 - c. For a large NO_x source, compliance with a RECLAIM concentration limit shall be measured over a continuous 60 minutes for that source; [2012]
 - d. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION E: ADMINISTRATIVE CONDITIONS

- e. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO₂) and be averaged over 15 consecutive minutes; [407]
 - f. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO₂) at standard conditions and averaged over 15 consecutive minutes. [409]
 - g. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O₂) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. All equipment operating under the RECLAIM program shall comply concurrently with all provisions of AQMD Rules and Regulations, except those listed in Table 1 of Rule 2001 for NO_x RECLAIM sources and Table 2 of Rule 2001 for SO_x RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NO_x or SO_x emissions after the date the facility has demonstrated compliance with all monitoring and reporting requirements of Rules 2011 or 2012, as applicable. Provisions of the listed AQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NO_x or SO_x source, respectively. [2001]
9. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
- a. Brief description of the equipment tested.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION E: ADMINISTRATIVE CONDITIONS

- b. Brief process description, including maximum and normal operating temperatures, pressures, through-put, etc.
 - c. Operating conditions under which the test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
 - f. Description of calibration and quality assurance procedures.
 - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (no conflict of interest).
10. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD Rules or equipment-specific conditions. The report shall contain the following information: [204]
- a. The results of the source test.
 - b. Brief description of the equipment tested.
 - c. Operating conditions under which test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Field and laboratory data forms, strip charts and analyses.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION E: ADMINISTRATIVE CONDITIONS

- f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
11. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]
12. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

The Facility shall comply with all applicable monitoring and source testing requirements in Regulation XX. These requirements may include but are not limited to the following:

I. NO_x Monitoring Conditions

A. The Operator of a NO_x Major Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

B. The Operator of a NO_x large Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter and any device specified by the Executive Officer as necessary to determine monthly fuel usage or other applicable variables specified in Rule 2012, Appendix A, Table 3-A. The sharing of totalizing fuel meter may be allowed by the Executive Officer if the fuel meter serves large sources which have the same emission factor, concentration limit, or emission rate. The sharing of totalizing fuel meters shall not be allowed for large sources which are required to comply with an annual heat input limit. [2012]
2. Comply at all times with the specified NO_x concentration limit in PPM measured over any continuous 60 minutes for that source or establish an equipment-specific emission rate that is reliable, accurate, representative of that sources emissions, and in accordance with the requirements specified in Rule 2012, Appendix A, Chapter 5. [2012]

C. The Operator of a NO_x Process Unit, as defined in Rule 2012, shall, as applicable:

Not Applicable

II. NO_x Source Testing and Tune-up conditions

1. The operator shall conduct all required NO_x source testing in compliance with an AQMD-approved source test protocol. [2012]

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

2. The operator shall, as applicable, conduct source tests for every large NO_x source no later than December 31, 1996 and every 3 years thereafter. The source test shall include the determination of NO_x concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]
3. All NO_x large sources and NO_x process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

I. Recordkeeping Requirements for all RECLAIM Sources

1. The operator shall maintain all monitoring data required to be measured or reported pursuant to Rule 2011 and Rule 2012, whichever is applicable. All records shall be made available to AQMD staff upon request and be maintained for at least:
 - a. Three years after each APEP report is submitted to AQMD for a facility not subject to Title V, unless a different time period is required in Rule 2011 or Rule 2012 [2011 & 2012]; or
 - b. Five years after each APEP report is submitted to AQMD for a facility subject to Title V. [3004(a)(4)(E)]
 - c. Notwithstanding the above, all data gathered or computed for intervals of less than 15 minutes shall only be maintained a minimum of 48 hours. [2011 & 2012]
2. The operator shall store on site and make available to the Executive Officer upon request: records used to determine emissions, maintenance records, sources test reports, relative accuracy test audit reports, relative accuracy audit reports and fuel meter calibration records. [2011 & 2012]

II. Reporting Requirements for all RECLAIM Sources

1. The operator shall submit a quarterly certification of emissions including the total facility NO_x or SO_x emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2004]

NO_x Reporting Requirements

A. The Operator of a NO_x Major Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

B. The Operator of a NO_x Large Source, as defined in Rule 2012, shall:

1. Install, maintain and operate a modem or any reporting device approved by the Executive Officer to report, to the AQMD, the total monthly NO_x mass emissions from each large NO_x source. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. Such data shall be reported within 15 days after the end of each calendar month. [2012]

C. The Operator of a NO_x Process Unit, as defined in Rule 2012, shall:

Not Applicable

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: BULK LOADING					P1.2, P1.3, P13.1, P31.1
System 6: VAPOR RECOVERY SYSTEM					
OXIDIZER, THERMAL, NATURAL GAS, PROCESS GAS, JOHN ZINK, MODEL NO. ZCT-3-8-45-2/8-X, 77.8 MMBTU/HR WITH A/N: 525928 DRUM, V-201, LIQUID SEAL BLOWER, COMBUSTION AIR, 3 H.P. TANK, V-401, MAKE-UP, 30-GALLON CAPACITY, HEIGHT: 3 FT 9 IN; DIAMETER: 8 FT PUMP, P-401, CHARGE PUMP, 1/2 H.P.	C116	S120	NOX: LARGE SOURCE**	CO: 2000 PPMV PROCESS GAS (5) [RULE 407, 4-2-1982]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF PROCESS GAS (5) [RULE 409, 8-7-1981]	A99.1, A99.2, C1.6, D12.1, D28.1, D29.1, D90.2, E71.6, E448.3, H23.10, K40.1
STACK, COMBUSTION, HEIGHT: 45 FT ; DIAMETER: 8 FT A/N: 525928	S120	C116			
TANK, BLADDER TANK, VAPOR HOLDER, NO. 260002, 6170 BBL; DIAMETER: 35 FT ; HEIGHT: 35 FT 10 IN A/N:	D141			TOC: 80 MG/L GASOLINE (8) [40CFR 63SubpartBBBBBB, 1-24-2011]	H23.6

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: BULK LOADING					P1.2, P1.3, P13.1, P31.1
TANK, KNOCK OUT, BELOW GRADE, 560 GALS WITH A/N: 525928 PUMP, P-101, DISCHARGE PUMP, CENTRIFUGAL, WITH MECHANICAL SEAL, 5 H.P.	D121				
BLOWER, EXHAUST, 5 H.P. A/N: 525928	D124				
Process 2: STORAGE TANK					
STORAGE TANK, INTERNAL FLOATING ROOF, NO. 260001, DENATURED ETHANOL, WITH AN AUTOMATIC TANK LEVELING GAUGE (ATLG), 6000 BBL; DIAMETER: 35 FT ; HEIGHT: 36 FT WITH A/N: FLOATING ROOF PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D3				C1.4, C6.2, E71.5, E448.4, E448.5, H23.7, K67.3
Process 3: WASTE WATER TREATING					

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: WASTE WATER TREATING					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO. 260003, DENATURED ETHANOL OR SLOP WATER WITH COMMINGLED PRODUCT, WITH A AUTOMATIC TANK LEVELING GAUGE (ATLG) SYSTEM, 6000 BBL; DIAMETER: 35 FT ; HEIGHT: 36 FT WITH A/N: PUMP, WITH MECHANICAL SEAL, 20 H.P. FLOATING ROOF PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER PER RULE 219(C) (4), WIPER TYPE	D99				C1.5, C6.2, E448.4, E448.5, H23.7, K67.3

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
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D99	3	3	0
C116	1	1	6
S120	1	1	6
D121	2	1	6
D124	2	1	6
D141	1	1	6

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 9-11-1998]

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

Minor source requirements of 40 CFR 63 Subpart R.

40 CFR 63 Subpart BBBBBB

[40CFR 63SubpartBBBBBB, 1-24-2011; 40CFR 63 Subpart R, 4-6-2006]

F52.2 This facility is subject to the applicable requirements of the following rules or regulation(s):

Material Safety Data Sheets (MSDS) 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, 5-2-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

PROCESS CONDITIONS

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

P1.2 The operator shall limit the loading rate to no more than 120,000,000 gallon(s) in any one calendar month.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Processes subject to this condition : 1]

P1.3 The operator shall limit the loading rate to no more than 4,500,000 gallon(s) per day.

For the purpose of this condition, this limit shall be defined as the certified CARB limit.

[RULE 462, 5-14-1999]

[Processes subject to this condition : 1]

P13.1 All devices under this process are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	462
VOC	40CFR60, SUBPART	XX
VOC	40CFR63, SUBPART	BBBBBB

[RULE 462, 6-9-1995; 40CFR 60 Subpart XX, 3-2-1984; 40CFR 63SubpartBBBBBB, 1-24-2011]

[Processes subject to this condition : 1]

P31.1 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 546310, 546311, 546312 and 546313:

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

All new valves shall be bellow-seal valves except in the following applications: valves in heavy liquid service, control valves, instrument piping/tubing valves, valves requiring torsional 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 commercially 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 using EPA Reference Method 21, 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, 5-10-1996]

[Processes subject to this condition : 1]

DEVICE CONDITIONS

A. Emission Limits

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- A99.1 The 130 LBS/MMSCF NOX emission limit(s) shall only apply during the interim reporting period to report RECLAIM emissions. The interim reporting period shall not exceed 12 months from entry into RECLAIM.

This condition shall apply to natural gas fuel only

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the flow rate of the natural gas supply line..

[RULE 2012, 5-6-2005]

[Devices subject to this condition : C116]

- A99.2 The 185 LBS/MMSCF NOX emission limit(s) shall only apply during the interim reporting period to report RECLAIM emissions. The interim reporting period shall not exceed 12 months from entry into RECLAIM.

SUGGESTED CHAR CONDITION PARAMETER NOT SET UP

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing flow meter to accurately indicate the waste gas flow rate of the waste gas supply line.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : C116]

C. Throughput or Operating Parameter Limits

- C1.4 The operator shall limit the throughput to no more than 225,000 barrel(s) in any one calendar month.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

The operator shall This storage tank shall only be used to store denatured ethanol..

The operator shall SUGGESTED CHAR . CONDITION PARAMETER NOT SET UP

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..

The ATLG installed shall be verified once per quarter by comparing against a 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..

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 204, 10-8-1993]

[Devices subject to this condition : D3]

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- C1.5 The operator shall limit the throughput to no more than 216,000 barrel(s) in any one calendar month.

The operator shall comply with the following throughput measurement practices: The throughput limit shall only apply to the storage of denatured ethanol. The throughput limit does not apply when the storage tank is storing slop water and commingled product..

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..

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..

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 204, 10-8-1993]

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D99]

- C1.6 The operator shall limit the heat input to no more than 90000000000 Btu in any one year.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : C116]

- C6.2 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, 11-4-2011]

[Devices subject to this condition : D3, D99]

D. Monitoring/Testing Requirements

- D12.1 The operator shall install and maintain a(n) stack flow monitor to accurately indicate the flow rate from the afterburner stack to provide continuous and cumulative actual flow volume. Such a stack flow monitor shall be certified by the District pursuant to a District-approved protocol. The operator shall submit an application for certification of the stack flow monitor no later than 60 days after the initial start-up of the stack flow monitor unless otherwise approved in writing by the District..

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Prior to the initial source test, NOX emissions from the afterburner shall be calculated using the emission factor of 130 lbs/mmscf.

After the initial source test (conducted in accordance with the methodology specified in Rule 2012, Appendix A, Chapter 5), NOX emissions from the afterburner shall be calculated using the NOX RECLAIM concentration determined by the source test and the stack flow rate at stack conditions (no correction for oxygen) by using Rule 2012 Appendix A, Chapter 3, equations 17b and 17c.

When a valid exhaust flow rate of an afterburner is not obtained from the stack flow monitor, substituted data for the exhaust flow rate for the afterburner shall be determined by using procedures in the certification letter for the continuous exhaust flow monitor and the missing data procedures applicable to flow as set forth in Rule 2012 Appendix A, Chapter 3, Section K(2).

This stack flow monitor shall be installed and certified by January 1, 2014

[RULE 2012, 5-6-2005]

[Devices subject to this condition : C116]

D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

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.

The test shall be conducted no later than 180 days after initial startup. 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 meets 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 determine the VOC emission rate in pound(s) per 1000 gallons loaded..

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 462, 5-14-1999; 40CFR 63 Subpart R, 2-28-1997]

[Devices subject to this condition : C116]

D29.1 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
NOX emissions	Approved District method	District-approved averaging time	Outlet

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

The test(s) of NOX emissions shall be conducted to establish a NOX concentration limit at the actual stack condition for NOX mass emission calculations pursuant to Rule 2012, Appendix A, Chapter 3, Section (D)(2)(a)(iii).

A source test protocol shall be submitted to the District no later than 30 days after the initial start-up of the stack flow monitor unless otherwise approved in writing by the District. The test protocol shall be approved in writing by the District before the test commences.

The source test(s) shall be conducted no later than 180 days after the initial start-up of the stack flow monitor unless otherwise approved in writing by the District.

A written notice of the source test(s) shall be submitted to the District at least 14 days prior to the source testing date so that an observer from the District may be present.

SUGGESTED CHAR CONDITION PARAMETER NOT SET UP

[RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C116]

D90.2 The operator shall sample and analyze the heating value of the waste gas according to the following specifications:

The waste gas sample shall be taken at a point between the vapor holding tank and the thermal oxidizer.

The sample and analysis shall occur on a quarterly basis.

The sample shall be taken by personnel properly trained in sampling.

The analysis method shall be ASTM 3588 or other approved method and performed by a LAP-approved laboratory.

The records of the analyses shall be retained.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

[RULE 2012(d)(1)(A)(i)-Large NO_x Source, 12-7-1995; RULE 2012(d)(1)(A)(i)-Large NO_x Source, 4-11-1997]

[Devices subject to this condition : C116]

E. Equipment Operation/Construction Requirements

E71.5 The operator shall only use this equipment to store Denatured Ethanol.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D3]

E71.6 The operator shall only use this equipment for venting vapors generated from bulk loading systems nos. 1, 2, 3, and 4..

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(1)-Modeling, 5-10-1996; RULE 462, 5-14-1999; 40CFR 60 Subpart XX, 12-19-2003]

[Devices subject to this condition : C116]

E448.3 The operator shall comply with the following requirements:

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

The operator shall operate and maintain this equipment according to the following requirements:

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. Shut down 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 1% of the temperature being monitored and shall be inspected, maintained, and calibrated on an annual basis in accordance with the manufacturers specifications using an applicable AQMD or EPA approved method.

For the purpose of the 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.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Whenever a deviation occurs, the operator shall inspect this equipment to identify the cause of such 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 equipments 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.

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 40 CFR part 64.9 for a minimum of five years.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 462, 5-14-1999; 40CFR Part 64, 10-22-1997]

[Devices subject to this condition : C116]

E448.4 The operator shall comply with the following requirements:

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

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, 10-8-1993]

[Devices subject to this condition : D3, D99]

E448.5 The operator shall comply with the following requirements:

The permit to construct shall expire one year from the date of issuance unless an extension is granted by the executive officer.

[RULE 205, 1-5-1990]

[Devices subject to this condition : D3, D99]

H. Applicable Rules

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149

[RULE 1149, 7-14-1995; RULE 1149, 5-2-2008]

[Devices subject to this condition : D141]

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149
VOC	District Rule	463

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

[RULE 1149, 7-14-1995; RULE 463, 3-11-1994]

[Devices subject to this condition : D3, D99]

H23.10 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	407
VOC	District Rule	462
VOC	40CFR60, SUBPART	XX

**[RULE 404, 2-7-1986; RULE 407, 4-2-1982; RULE 409, 8-7-1981; RULE 462, 5-14-1999;
 40CFR 60 Subpart XX, 12-19-2003]**

[Devices subject to this condition : C116]

K. Record Keeping/Reporting

K40.1 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 45 days after the source test was conducted.

[RULE 462, 5-14-1999]

[Devices subject to this condition : C116]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Stored Product, throughput, hydrocarbon concentration. Such records shall be maintained for five years, and shall be made available to the executive officer or his authorized representative upon request.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D3, D99]

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules specified below. The operator shall comply with all conditions specified in the approval of these plans, with the following exceptions:

- a. The operator does not have to comply with NO_x or SO_x emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) which become effective after December 31, 1993.
- b. The operator does not have to comply with NO_x or SO_x emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) after the facility has received final certification of all monitoring and reporting requirements specified in Section F and Section G.

Documents pertaining to the plan applications listed below are available for public review at AQMD Headquarters. Any changes to plan applications will require permit modification in accordance with Title V permit revision procedures.

List of approved plans:

Application	Rule
534013	462
534026	463
534027	3003

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION J: AIR TOXICS [40CFR 63SubpartBBBBBB 01-24-2011]

National Emission Standards for Hazardous Air Pollutants: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

The owner/operator of a bulk gasoline terminal, pipeline breakout station, pipeline pumping station, and bulk gasoline plant, shall comply with all applicable requirements of 40CFR 63 Subpart BBBBBB, including but not limited to the following:

1. Gasoline storage tanks and gasoline loading racks shall comply with the applicable testing and monitoring requirements specified in 63.11092, submit applicable notifications as required under 63.11093, and shall keep records and submit reports as specified in 63.11094 and 63.11095.
2. The owner/operator shall, for all equipment in gasoline service as defined in 63.11100, perform monthly leak inspections as specified in 63.11086.

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 emergency¹ 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]

¹ "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.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 109	5-2-2003	Federally enforceable
RULE 1113	6-3-2011	Non federally enforceable
RULE 1113	7-13-2007	Federally enforceable
RULE 1113	9-6-2013	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	Federally enforceable
RULE 1149	7-14-1995	Federally enforceable
RULE 1171	2-1-2008	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)(1)-Modeling	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 1313(g)	12-7-1995	Federally enforceable
RULE 1401	9-10-2010	Non federally enforceable
RULE 1402	3-4-2005	Non federally enforceable
RULE 2012	5-6-2005	Federally enforceable

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 2012(d)(1)(A)(i) -Large NOx Source	12-7-1995	Federally enforceable
RULE 2012(d)(1)(A)(i) -Large NOx Source	4-11-1997	Non federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 205	1-5-1990	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	11-17-2000	Non federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3002	11-5-2010	Non federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3003	3-16-2001	Non federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3005	3-16-2001	Non federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 301	6-1-2012	Non federally enforceable
RULE 304	6-1-2012	Non federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 405	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	11-4-2011	Federally enforceable
RULE 463	3-11-1994	Federally enforceable

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
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 60 Subpart XX	3-2-1984	Federally enforceable
40CFR 63 Subpart R	2-28-1997	Federally enforceable
40CFR 63 Subpart R	4-6-2006	Federally enforceable
40CFR 63 Subpart R, #2 (Minor Sources)	12-19-2003	Federally enforceable
40CFR 63SubpartBBBBBB	1-24-2011	Federally enforceable
40CFR Part 64	10-22-1997	Federally enforceable

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

APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN
PERMIT PURSUANT TO RULE 219

NONE

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 05-14-1999]

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6) of Rule 1113, the operator shall not supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6) of Rule 1113, the operator shall not supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings for residential use; or of any rust-preventative coating for industrial use.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 05-14-1999] TABLE OF STANDARDS VOC LIMITS

**Grams of VOC Per Liter of Coating,
 Less Water And Less Exempt Compounds**

COATING	Limit*	Effective 1/1/1998	Effective 1/1/1999	Effective 5/14/99	Effective 7/1/2001	Effective 7/1/2002	Effective 1/1/2005	Effective 7/1/2006	Effective 7/1/2008
Bond Breakers	350								
Chemical Storage Tank Coatings	420							100	
Clear Wood Finishes									
Varnish	350								
Sanding Sealers	350								
Lacquer	680	550					275		
Concrete-Curing Compounds	350								
Dry-Fog Coatings	400								
Essential Public Service Coating	420					340		100	
Fire-proofing Exterior Coatings	450		350						
Fire-Retardant Coatings									
Clear	650								
Pigmented	350								
Flats	250				100				50
Floor Coatings	420					100		50	
Graphic Arts (Sign) Coatings	500								
High Temperature Industrial Maintenance Coatings						550		420	
Industrial Maintenance Coatings	420					250		100	
Japans/Faux Finishing Coatings	700		350						
Magnesite Cement Coatings	600		450						
Mastic Coatings	300								
Metallic Pigmented Coatings	500								
Multi-Color Coatings	420	250							
Non-Flat Coatings	250					150		50	
Pigmented Lacquer	680	550					275		
Pre-Treatment Wash Primers	780								
Primers, Sealers, and Undercoaters	350					200		100	
Quick-Dry Enamels	400					250		50	

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 05-14-1999]

Quick-Dry Primers, Sealers, and Undercoaters	350**					200		100	
Recycled Coatings				250		250		100	
Roof Coatings	300			250					
Bituminous Roof Coatings	300					250			
Rust Preventative Coatings	420			400				100	
Shellac									
Clear	730								
Pigmented	550								
Specialty Primers	350							100	
Stains	350					250			
Swimming Pool Coatings									
Repair	650								
Other	340								
Traffic Coatings	250	150							
Waterproofing Sealers									
Wood	400					250			
Concrete/Masonry	400								
Wood Preservatives									
Below-Ground	350								
Other	350								

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

** The specified limit applies unless the manufacturer submits a report pursuant to Rule 1113(g)(2).

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 10-08-1999]

Except as otherwise provided in Rule 1171, the operator shall not use a solvent to perform solvent cleaning unless the solvent complies with the applicable requirements set forth below:

	Current limits		Effective 12/1/2001	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
SOLVENT CLEANING ACTIVITY				
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application				
(i) General	70 (0.58)		50 (0.42)	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)	33	500 (4.2)	100 (0.83)
(iii) Medical Devices & Pharmaceuticals	900 (7.5)	33	800 (6.7)	800 (6.7)
(B) Repair and Maintenance Cleaning				
(i) General	50 (0.42)		50 (0.42)	25 (0.21)

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 10-08-1999]

	Current limits		Effective 12/1/2001	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
SOLVENT CLEANING ACTIVITY				
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)	20	900 (7.5)	100 (0.83)
(iii) Medical Devices & Pharmaceuticals	900 (7.5)	33		
(I) Tools, Equipment, & Machinery			800 (6.7)	800 (6.7)
(II) General Work Surfaces			600 (5.0)	600 (5.0)
(C) Cleaning of Coatings, or Adhesives Application Equipment	950 (7.9)	35	550 (4.6)	25 (0.21)
(D) Cleaning of Ink Application Equipment				
(i) General	100 (0.83)	3	50 (0.42)	25 (0.21)
(ii) Flexographic Printing	100 (0.83)	3	50 (0.42)	25 (0.21)
(iii) Gravure Printing				
(I) Publication	900 (7.5)	25	750 (6.3)	100 (0.83)
(II) Packaging	100 (0.83)	3	50 (0.42)	25 (0.21)

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 10-08-1999]

	Current limits		Effective 12/1/2001	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(iv) Lithographic or Letter Press Printing				
(I) Roller Wash – Step 1	900	10	600 (5.0)	100 (0.83)
(II) Roller Wash- Step 2, Blanket Wash, & On-Press Components	900	10	800 (6.7)	100 (0.83)
(III) Removable Press Components			50 (0.42)	25 (0.21)
(v) Screen Printing	1070 (8.9)	5	750 (6.3)	100 (0.83)
(vi) Ultraviolet Ink Application Equipment (except screen printing)	800 (6.7)	33	800 (6.7)	100 (0.83)
(vii) Specialty Flexographic Printing	810 (6.8)	21	600 (5.0)	100 (0.83)
(E) Cleaning of Polyester Resin Application Equipment	50 (0.42)		50 (0.42)	25 (0.21)

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 02-01-2008]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application			
(i) General	25 (0.21)		
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)		
(iii) Medical Devices & Pharmaceuticals	800 (6.7)		
(B) Repair and Maintenance Cleaning			
(i) General	25 (0.21)		
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)		

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 02-01-2008]

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals			
(A) Tools, Equipment, & Machinery	800 (6.7)		
(B) General Work Surfaces	600 (5.0)		
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)		
(D) Cleaning of Ink Application Equipment			
(i) General	25 (0.21)		
(ii) Flexographic Printing	25 (0.21)		
(iii) Gravure Printing			
(A) Publication	100 (0.83)		
(B) Packaging	25 (0.21)		
(iv) Lithographic (Offset) or Letter Press Printing			
(A) Roller Wash, Blanket Wash, & On-Press Components			
(I) Newsprint	100 (0.83)		

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 02-01-2008]

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(II) Other Substrates	500 (4.2)	100 (0.83)	
(B) Removable Press Components	25 (0.21)		
(v) Screen Printing	500 (4.2)	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)		
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)		

* The specified limits remain in effect unless revised limits are listed in subsequent columns.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	
(iii) Medical Devices & Pharmaceuticals	800 (6.7)	
(B) Repair and Maintenance Cleaning		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals		
(A) Tools, Equipment, & Machinery	800 (6.7)	
(B) General Work Surfaces	600 (5.0)	
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)	
(D) Cleaning of Ink Application Equipment		
(i) General	25 (0.21)	
(ii) Flexographic Printing	25 (0.21)	
(iii) Gravure Printing		
(A) Publication	100 (0.83)	
(B) Packaging	25 (0.21)	
(iv) Lithographic (Offset) or Letter Press Printing		
(A) Roller Wash, Blanket Wash, & On-Press Components	100 (0.83)	

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(B) Removable Press Components	25 (0.21)	
(v) Screen Printing	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)	
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)	

* The specified limits remain in effect unless revised limits are listed in subsequent columns.

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 06-13-1997]

Except as otherwise provided in Rule 1171, the operator shall not use a solvent to perform solvent cleaning unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS		Effective 1/1/1999	
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)
SOLVENT CLEANING ACTIVITY				
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application				
(i) General	70 (0.58)			
(ii) Electronic Components or Medical Devices	900 (7.5)	33		
(B) Repair and Maintenance Cleaning				
(i) General	900 (7.5)	20	50 (0.42)	
(ii) Electrical Apparatus Components	900 (7.5)	20		
(iii) Medical Devices	900 (7.5)	33		

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 06-13-1997]

	CURRENT LIMITS		Effective 1/1/1999	
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)
SOLVENT CLEANING ACTIVITY				
(C) Cleaning of Coatings, or Adhesives Application Equipment	950 (7.9)	35		
(D) Cleaning of Ink Application Equipment				
(i) General	100 (0.83)	3		
(ii) Flexographic or Gravure Printing	100 (0.83)	3		
(iii) Lithographic or Letter Press Printing	900 (7.5)	25		10
(iv) Screen Printing	1070 (8.9)	5		
(v) Ultraviolet Inks (except screen printing)	800 (6.7)	33		
(vi) Specialty Flexographic Printing	810 (6.8)	21		
(E) Cleaning of Polyester Resin Application Equipment	50 (0.42)			
or		1		

FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 404 02-07-1986]

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a). Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 404(a)

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per Minute		
25 or less	883 or less	450	0.196	900	31780	118	0.0515
30	1059	420	.183	1000	35310	113	.0493
35	1236	397	.173	1100	38850	109	.0476
40	1413	377	.165	1200	42380	106	.0463
45	1589	361	.158	1300	45910	102	.0445

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APPENDIX B: RULE EMISSION LIMITS [RULE 404 02-07-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter” Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per Minute		
50	1766	347	.152	1400	49440	100	.0437
60	2119	324	.141	1500	52970	97	.0424
70	2472	306	.134	1750	61800	92	.0402
80	2825	291	.127	2000	70630	87	.0380
90	3178	279	.122	2250	79460	83	.0362
100	3531	267	.117	2500	88290	80	.0349
125	4414	246	.107	3000	105900	75	.0327
150	5297	230	.100	4000	141300	67	.0293
175	6180	217	.0947	5000	176600	62	.0271
200	7063	206	.0900	6000	211900	58	.0253
250	8829	190	.0830	8000	282500	52	.0227
300	10590	177	.0773	10000	353100	48	.0210
350	12360	167	.0730	15000	529700	41	.0179
400	14130	159	.0694	20000	706300	37	.0162
450	15890	152	.0664	25000	882900	34	.0148

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APPENDIX B: RULE EMISSION LIMITS [RULE 404 02-07-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter” Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per Minute		
500	17660	146	.0637	30000	1059000	32	.0140
600	21190	137	.0598	40000	1413000	28	.0122
700	24720	129	.0563	50000	1766000	26	.0114
800	28250	123	.0537	70000 or more	2472000 or more	23	.0100

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APPENDIX B: RULE EMISSION LIMITS [RULE 405 02-07-1986]

The operator shall not discharge into the atmosphere from this equipment, solid particulate matter including lead and lead compounds in excess of the rate shown in Table 405(a).

Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 405(a)

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process	
		Kilograms Per Hour	Pounds Per Hour			Kilograms Per Hour	Pounds Per Hour
100 or less	220 or less	0.450	0.99	9000	19840	5.308	11.7
150	331	0.585	1.29	10000	22050	5.440	12.0
200	441	0.703	1.55	12500	27560	5.732	12.6
250	551	0.804	1.77	15000	33070	5.982	13.2
300	661	0.897	1.98	17500	38580	6.202	13.7
350	772	0.983	2.17	20000	44090	6.399	14.1
400	882	1.063	2.34	25000	55120	6.743	14.9
450	992	1.138	2.51	30000	66140	7.037	15.5
500	1102	1.209	2.67	35000	77160	7.296	16.1
600	1323	1.340	2.95	40000	88180	7.527	16.6

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APPENDIX B: RULE EMISSION LIMITS [RULE 405 02-07-1986]

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
700	1543	1.461	3.22	45000	99210	7.738	17.1
800	1764	1.573	3.47	50000	110200	7.931	17.5
900	1984	1.678	3.70	60000	132300	8.277	18.2
1000	2205	1.777	3.92	70000	154300	8.582	18.9
1250	2756	2.003	4.42	80000	176400	8.854	19.5
1500	3307	2.206	4.86	90000	198400	9.102	20.1
1750	3858	2.392	5.27	100000	220500	9.329	20.6
2000	4409	2.563	5.65	125000	275600	9.830	21.7
2250	4960	2.723	6.00	150000	330700	10.26	22.6
2500	5512	2.874	6.34	175000	385800	10.64	23.5
2750	6063	3.016	6.65	200000	440900	10.97	24.2
3000	6614	3.151	6.95	225000	496000	11.28	24.9
3250	7165	3.280	7.23	250000	551200	11.56	25.5
3600	7716	3.404	7.50	275000	606300	11.82	26.1
4000	8818	3.637	8.02	300000	661400	12.07	26.6
4500	9921	3.855	8.50	325000	716500	12.30	27.1
5000	11020	4.059	8.95	350000	771600	12.51	27.6
6000	13230	4.434	9.78	400000	881800	12.91	28.5
7000	15430	4.775	10.5	450000	992100	13.27	29.3
8000	17640	5.089	11.2	500000 or more	1102000 or more	13.60	30.0