South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 · www.aqmd.gov

December 19, 2014

Ms. Donna DiRocco
Senior Environmental Specialist
Tesoro Logistics Operations, LLC
1300 Pier B Street
Long Beach, CA 90813

SUBJECT: Final Transmittal of Title V Facility Permit Renewal (A/N 557422) and Minor Permit Revision (A/N 544089) for Tesoro Logistics Operations, LLC (ID# 172878)

Dear Ms. DiRocco:

Enclosed is your renewed Title V Facility Permit for Tesoro Logistics Operations, LLC, Long Beach Terminal located at 820 Carrack Avenue, Long Beach, CA 90813.

The proposed renewed permit was sent to EPA for 45-day review on October 9, 2014 and a newspaper notice was published for a 30-day public comment period on October 16, 2014. No comments were received from the EPA or the public.

In addition, a minor revision was included to incorporate a Rule 463 Inspection & Maintenance Plan into the Title V permit. The approved plan can be found in Section I of the Title V facility permit.

Please review the attached Title V facility permit carefully. Effective December 12, 2014, the enclosed Title V permit replaces in its entirety the previous Title V permit for the Long Beach Terminal held by Tesoro Logistics Operations LLC.

The operation of your facility is bound by the conditions and/or requirements stated in the facility Permit to Operate. If you determine that there are administrative errors, or if you have any questions concerning changes to your permit, please contact Mr. Thomas Liebel, Senior Air Quality Engineer, at (909) 396-2554 within 30 days of the receipt of your permit.

Sincerely,

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

AYL:CDT:TGL
Enclosure
cc: (w/enclosure)
Gerardo Rios, EPA Region IX
Compliance
Central File
Application No. 557422

(w/o enclosure)
Andrew Y. Lee
Mohan Balagopalan

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

Title Page	
Facility ID:	172878
Revision #:	3
Date:	December 19, 2014

FACILITY PERMIT TO OPERATE

TESORO LOGISTICS OPERATIONS LLC LONG BEA
820 CARRACK AVE
LONG BEACH, CA 90813

NOTICE

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

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

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

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

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

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FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR:	TESORO LOGISTICS OPERATIONS LLC LONG BEA
LEGAL OPERATOR (if different than owner):	
EQUIPMENT LOCATION:	820 CARRACK AVE LONG BEACH, CA 90813
MAILING ADDRESS:	1300 PIER B ST LONG BEACH, CA 90813
RESPONSIBLE OFFICIAL:	TIIMOTHY HAYES
TITLE:	DIRECTOR, PIPELINES AND TERMINALS
TELEPHONE NUMBER:	(562) 499-2249
CONTACT PERSON:	DONNA DIROCCO
TITLE:	SENIOR ENVIRONMENTAL SPECIALIST
TELEPHONE NUMBER:	(562) 499-2202
TITLE V PERMIT ISSUED:	December 19, 2014
TITLE V PERMIT EXPIRATION DATE:	December 18, 2019

TITLE V	RECLAIM	
YES	NOx:	NO
	SOx:	NO
	CYCLE:	0
	ZONE:	COASTAL

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

NOT APPLICABLE

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

FACILITY PERMIT TO OPERATE
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Facility Equipment and Requirements
(Section D)

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

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

PERMITTED EQUIPMENT LIST

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

Application Number	Permit to Operate Number	Equipment Description	Page Number
544077	G26541	MARINE VESSEL LOADING/UNLOADING (BERTH 86)	4
544079	G26544	MARINE VESSEL LOADING/UNLOADING (BERTH 84A)	6
544080	G26546	STORAGE TANK NO. 14000, FIXED ROOF	8
544081	G26796	STORAGE TANK NO. 35001, FIXED ROOF	9
544082	G26547	STORAGE TANK NO. 35002, FIXED ROOF	10
544083	G26548	STORAGE TANK NO. 55001, FIXED ROOF	11
544084	G26549	STORAGE TANK NO. 80099, FIXED ROOF	12
544085	G26550	MARINE VAPOR CONTROL SYSTEM	13
544086	G26551	WASTE EFFLUENT COLLECTION SYSTEM (STORAGE TANK NO. 35003, EXTERNAL FLOATING ROOF)	16
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NOTE: ANY APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

FACILITY WIDE CONDITION(S)

Condition(s):

1. MATERIAL SAFETY DATA SHEETS FOR ALL COATINGS AND SOLVENTS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. (RULE 109, 1303(b)(2)-OFFSET)

2. THIS FACILITY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF RULE 1173 AND 40 CFR 63 SUBPART Y (MINOR SOURCE).
[RULE 1173, 40 CFR 63 SUBPART Y]

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

PERMIT TO OPERATE

Permit No. G26541
A/N 544077

Equipment Description:

MARINE VESSEL LOADING/UNLOADING, BERTH 86, CONSISTING OF:

1. THREE LOADING/UNLOADING ARMS, EACH 10" DIA.
2. TWO LOADING/UNLOADING ARMS, EACH 8" DIA.
3. TWO 6" DIA. BARGE LOADING/UNLOADING CONNECTIONS, WITH 6" DIA. HOSES.
4. EIGHT 8" DIA. LUBE OIL LOADING/UNLOADING CONNECTIONS, EACH WITH 6" DIA. HOSES.
5. PUMP P-1480 (FUEL OIL/CUTTER STOCK/DIESEL), CENTRIFUGAL, WITH MECHANICAL SEAL AND 75 HP MOTOR (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 84A).
6. PUMP P-1481 (FUEL OIL/CUTTER STOCK/DIESEL), CENTRIFUGAL, WITH MECHANICAL SEAL AND 125 HP MOTOR (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 84A).
7. PUMP P-1482 (FUEL OIL/CUTTER STOCK/DIESEL), CENTRIFUGAL, WITH MECHANICAL SEAL AND 450 HP MOTOR 8 (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 84A).
8. PUMP P-1483 (FUEL OIL/BUNKER FUEL), CENTRIFUGAL, WITH MECHANICAL SEAL AND 450 HP MOTOR (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 84A).
9. PIG LAUNCHING/RETRIEVING SYSTEM, CRUDE OILS (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 84A).
10. PIG LAUNCHING/RETRIEVING SYSTEM, DIESEL OILS (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 84A).

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

FACILITY PERMIT TO OPERATE
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Periodic Monitoring:

None

Emissions and Requirements:

3) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: 2 LBS/1000 BBLS LIQUID LOADED OR 95 % REDUCTION BY WEIGHT OF UNCONTROLLED EMISSIONS, RULE 1142

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

PERMIT TO OPERATE

Permit No. G26544
A/N 544079

Equipment Description:

MARINE VESSEL LOADING/UNLOADING, BERTH 84A, CONSISTING OF:

1. TWO CRUDE OIL LOADING/UNLOADING ARMS, EACH 10" DIA.
2. TWO LOADING/UNLOADING ARMS, EACH 10" DIA.
3. ONE LOADING/UNLOADING ARM, 8" DIA.
4. TWO BARGE LOADING/UNLOADING CONNECTIONS, EACH WITH 6" DIA. HOSES.
5. PUMP P-1480 (FUEL OIL/CUTTER STOCK/DIESEL FUEL), CENTRIFUGAL, WITH MECHANICAL SEAL AND 75 HP MOTOR (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 86).
6. PUMP P-1481 (FUEL OIL/CUTTER STOCK/DIESEL FUEL), CENTRIFUGAL, WITH MECHANICAL SEAL AND 125 HP MOTOR (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 86).
7. PUMP P-1482 (FUEL OIL/CUTTER STOCK/DIESEL FUEL), CENTRIFUGAL, WITH MECHANICAL SEAL AND 450 HP MOTOR (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 86).
8. PUMP P-1483 (FUEL OIL/BUNKER FUEL), CENTRIFUGAL, WITH MECHANICAL SEAL AND 450 HP MOTOR (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 86).
9. PIG LAUNCHING /RETRIEVING SYSTEM, GASOLINE, (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 86).

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

FACILITY PERMIT TO OPERATE
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Periodic Monitoring:

None

Emissions and Requirements:

3) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: 2 LBS/1000 BBLS LIQUID LOADED OR 95 % REDUCTION BY WEIGHT OF UNCONTROLLED EMISSIONS, RULE 1142

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

PERMIT TO OPERATE

Permit No. G26546
A/N 544080

Equipment Description:

STORAGE TANK NO. 14000, FIXED ROOF, 50'-0" DIA. X 40'-0" H., 14,000 BARRELS CAPACITY.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) THE OPERATOR SHALL NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF 0.5 PSIA OR GREATER UNDER ACTUAL OPERATING CONDITIONS.
[RULE 463]

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

TYPE OF LIQUID STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]

Periodic Monitoring: None

Emissions and Requirements:

5) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149

FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

Permit No. G26796
A/N 544081

Equipment Description:

STORAGE TANK NO. 35001, FIXED ROOF, 80'-0" DIA. X 40'-0" H., 35,000 BARRELS CAPACITY.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) THE OPERATOR SHALL NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF 0.5 PSIA OR GREATER UNDER ACTUAL OPERATING CONDITIONS.
[RULE 463]

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

TYPE OF LIQUID STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]

Periodic Monitoring: None

Emissions and Requirements:

5) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149

FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

Permit No. G26547
A/N 544082

Equipment Description:

STORAGE TANK NO. 35002, FIXED ROOF, 80'-0" DIA. X 40'-0" H., 35,000 BARRELS CAPACITY.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) THE OPERATOR SHALL NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF 0.5 PSIA OR GREATER UNDER ACTUAL OPERATING CONDITIONS.
[RULE 463]

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

TYPE OF LIQUID STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]

Periodic Monitoring: None

Emissions and Requirements:

5) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149

FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

Permit No. G26548
A/N 544083

Equipment Description:

STORAGE TANK NO. 55001, FIXED ROOF, 100'-0" DIA. X 40'-0" H., 55,000 BARRELS CAPACITY.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) THE OPERATOR SHALL NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF 0.5 PSIA OR GREATER UNDER ACTUAL OPERATING CONDITIONS.
[RULE 463]

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

TYPE OF LIQUID STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]

Periodic Monitoring: None

Emissions and Requirements:

5) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149

FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

Permit No. G26549
A/N 544084

Equipment Description:

STORAGE TANK NO. 80099, FIXED ROOF, 120'-0" DIA. X 40'-0" H., 80,000 BARRELS CAPACITY.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) THE OPERATOR SHALL NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF 0.5 PSIA OR GREATER UNDER ACTUAL OPERATING CONDITIONS.
[RULE 463]

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

TYPE OF LIQUID STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]

Periodic Monitoring: None

Emissions and Requirements:

5) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

PERMIT TO OPERATE

Permit No. G26550
A/N 544085

Equipment Description:

MARINE VAPOR CONTROL SYSTEM, SERVING MARINE VESSEL LOADING/UNLOADING AT BERTH 84A, CONSISTING OF:

1. THERMAL OXIDIZER, MAXIMUM HEAT RELEASE RATING 86 MM BTU/HR 11'-0" DIA. X 50'-0" H. WITH TWO BURNERS, AND EQUIPPED WITH NATURAL GAS AUXILLARY FUEL.

2. TWO AIR ASSISTED BLOWERS, 5 HP EACH.

3. PURGE AIR BLOWER, 5 HP.

4. TWO OXYGEN ANALYZERS.

5. HEAT TRACING VAPOR BLOWER, 25 HP.

6. A CONDENSATE PUMP, 2 HP. (P-2814)

7. WATER SEAL DRUM 560 GALLONS.

8. TWO DETONATION ARRESTORS.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) THE OPERATOR SHALL KEEP RECORDS TO DEMONSTRATE COMPLIANCE WITH THE CONDITIONS ON THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED FOR AT LEAST 5 YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT STAFF UPON REQUEST.
[RULE 204, RULE 1142]

Periodic Monitoring:

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

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WHENEVER THE THERMAL OXIDIZER IS IN OPERATION, A TEMPERATURE NOT LESS THAN 1400 DEGREES FAHRENHEIT SHALL BE MAINTAINED IN THE COMBUSTION CHAMBER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION (MARINE VESSEL LOADING ONLY).

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

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1400 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1,400 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 SCAQMD 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 SCAQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE SCAQMD 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 40CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS. [RULE 1303(a)(1) BACT, 3004(a)(4) PERIODIC MONITORING, 40CFR PART 64]

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5) A SOURCE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIRMENTS OF RULE 1142(C)(1)(B)(ii) ONCE EVERY 5 YEARS TO DETERMINE THE COMBUSTION EFFICIENCY OF THE UNIT AND THE COMPLIANCE REQUIREMENTS OF RULE 1142. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE TEST PROTOCOL APPROVED BY THE DISTRICT. THE TEST DATA SHALL BE KEPT FOR AT LEAST 5 YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1142, RULE 1303(a)(1) BACT, 3004(a)(4) PERIODIC MONITORING]

Emissions and Requirements:

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

CO: 2000 PPMV RULE 407
PM: RULE 404 - SEE APPENDIX B FOR EMISSION LIMITS
PM 0.1 GRAINS/SCF RULE 409
VOC: 2 LBS/1000 BBLS LIQUID LOADED OR 95% VOC REDUCTION BY WEIGHT FROM UNCONTROLLED EMISSIONS, RULE 1142

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

PERMIT TO OPERATE

Permit No. G26551
A/N 544086

Equipment Description:

WASTE EFFLUENT COLLECTION SYSTEM, CONSISTING OF:

1. TANK NO. 35003, 80'-0" DIA. X 40'-0" H., 35,000 BARREL CAPACITY, STEAM COIL, PONTOON TYPE, EXTERNAL FLOATING ROOF, WITH PRIMARY SEAL AND SECONDAY WIPER SEAL.

2. SUMP, TANK FARM, 10'-0" W. X 20'-0" L. X 12'-0" D.

3 SUMP, PUMP MANIFOLD, 6'-0" W. X 6'-0" L. X 8'-0" D.

4 SUMP, SL/R-1, 6'-0" W. X 6'-0" L. X 10'-0" D.

5. PUMP, P-1503, VERTICAL TURBINE TYPE, WITH A MECHANICAL SEAL AND A 5 HP MOTOR, BERTH 86 SUMP.

6. PUMP, P-1504, VERTICAL TURBINE TYPE, WITH A MECHANICAL SEAL AND A 5 HP MOTOR, BERTH 85 SUMP.

7. PUMP, P-1505, VERTICAL TURBINE TYPE, WITH A MECHANICAL SEAL AND A 5 HP MOTOR, BERTH 84 SUMP.

8. PUMP, P-1506, VERTICAL TURBINE TYPE, WITH A MECHANICAL SEAL AND A 15 HP MOTOR.

9. PUMP, P-1507, VERTICAL TURBINE TYPE, WITH A MECHANICAL SEAL AND A 5 HP MOTOR.

10. PUMP, P-1508, SL/R-1 SUMP, VERTICAL TURBINE TYPE, WITH A MECHANICAL SEAL AND A 5 HP MOTOR.

11. PUMP, P-1601, VERTICAL TURBINE TYPE, WITH A MECHANICAL SEAL AND A 5 HP MOTOR, BERTH 84A SUMP.

12. DRAINAGE SUMP, BERTH 84, 30'-6" W. X 118'-0" L. X 5'-0" D.

13. DRAINAGE SUMP, BERTH 84A, 18'-0" W. X 48'-0" L. X 5'-0" D.

14. DRAINAGE SUMP, BERTH 85, 33'-6" W. X 20'-0" L. X 5'-0" D.

15. DRAINAGE SUMP, BERTH 86, 30'-6" W. X 160'-0" L. X 5'-0" D.

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) THE OPERATOR SHALL NOT USE THIS EQUIPMENT TO RECOVER OIL FROM EFFLUENT WATER.
[RULE 204]

Periodic Monitoring: None

Emissions and Requirements: None

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

PERMIT TO OPERATE

Permit No. G26552
A/N 544087

Equipment Description:

INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL, CATERPILLAR, MODEL 3412 TA, 4 DEGREE TIMING RETARD, TURBOCHARGED AFTERCOOLED, 896 BHP.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) SULFUR CONTENT OF DIESEL FUEL SUPPLIED TO THE ENGINE SHALL NOT EXCEED 15 PPM BY WEIGHT.
[RULE 431.2]

4) AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1470, RULE 1304(a)(4) MODELING AND OFFSET EXEMPTION]

5) THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT FOR MORE THAN 200 HOURS PER CALENDAR YEAR. OF THE TOTAL 200 HOURS OF OPERATION ALLOWED, NO MORE THAN 30 HOURS PER YEAR OF OPERATION SHALL BE FOR THE PURPOSE OF MAINTENANCE AND TESTING AS SPECIFIED IN RULE 1470(C)(3) (C)(I) & (II).
[RULE 1470, RULE 1304(a)(4) MODELING AND OFFSET EXEMPTION]

6) OPERATION BEYOND THE ALOTTED TIME FOR ENGINE MAINTENANCE AND TESTED SHALL BE ALLOWED ONLY IF THE OPERATOR COMPLIES WITH ALL APPLICABLE REQUIRMENTS SPECIFIED IN RULE 1470.
[RULE 1470]

7) THE OPERATOR SHALL KEEP RECORDS, IN THE MANNER APPROVED BY THE AQMD, FOR THE FOLLOWING PARAMETERS OR ITEMS:

DATE OF OPERATION, THE TIME READING IN HOURS AT THE BEGINNING AND END OF OPERATION, AND THE REASON FOR OPERATION (INCLUDE MAINTENANCE AND TESTING), THE TOTAL OPERATING HOURS AND THE TOTAL MAINTENANCE AND TESTING HOURS FOR EACH CALENDAR YEAR.

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

RECORDS SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF 5 YEARS AND MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1470, RULE 1304(a)(4) MODELING AND OFFSET EXEMPTION]

Periodic Monitoring: None

Emissions and Requirements:

9) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM RULE 1470
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
HAP: 40 CFR 63 SUBPART ZZZZ

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

RULE 219 EQUIPMENT

Equipment Description:

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

Conditions:

1. THE OPERATOR SHALL KEEP RECORDS FOR A MINIMUM OF 5 YEARS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

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

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

   [RULE 109]

Periodic Monitoring: None

Emissions and Requirements:

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

   VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS
   VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

Emissions and Requirements:

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

   VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS

Emissions And Requirements:

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

REFRIGERANT:	RULE 1415
REFRIGERANT:	40CFR 82 SUBPART F

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

RULE 219 EQUIPMENT

Equipment Description:

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

Emissions And Requirements:

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

   VOC: RULE 1122
   VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, PUMPS USED EXCLUSIVELY FOR PIPELINE TRANSFER OPERATIONS

Emissions And Requirements:

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

   VOC: RULE 1173

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT, HALONS

Emissions And Requirements:

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

   HALON: RULE 1418

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

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 LONG BEA

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 five years. [204]

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]

   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 non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]

   d. 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]

   e. 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 a minimum of 15 consecutive minutes. [409]

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

SECTION E: ADMINISTRATIVE CONDITIONS

f. 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. 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.

b. Brief process description, including maximum and normal operating temperatures, pressures, throughput, 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 and 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 (conflict of interest).

9. 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.

SECTION E: ADMINISTRATIVE CONDITIONS

b. Brief description of the equipment tested.

c. Operating conditions under which the test was 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 and 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.

f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.

10. 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]

11. 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 LONG BEA

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

NOT APPLICABLE

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

NOT APPLICABLE

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

NONE

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

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.

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
544089	463
557423	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.

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

Facility ID:	172878
Application No.:	544089
Date:	December 19, 2014

Rule 463 Inspection and Maintenance Plan Approval

Facility ID : 172878 - Company Name : Tesoro Logistics Operations LLC Long Bea

LEGAL OWNER OR OPERATOR:	Tesoro Logistics Operations LLC
FACILITY LOCATION:	820 Carrack Avenue, Long Beach, CA 90813
MAILING ADDRESS:	1300 Pier B Street, Long Beach, CA 90813

ADMINISTRATIVE REQUIREMENTS

This facility shall be subject to the terms and conditions of this plan unless this plan is suspended, revoked, modified, reissued or denied. Failure to maintain a valid plan is a violation or Rule 463.

It is the responsibility of the facility to comply with other District Rules and Regulations and with all laws, ordinances and regulations of other government agencies which are applicable to the operation of the equipment.

This plan 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 and Regulations of the AQMD. This plan cannot be considered as permission to violate existing laws, ordinances, regulation, or statutes of the other governmental agencies.

RULE 463 EQUIPMENT

One (1) External Floating Roof Tank, No. 35003 listed in submitted plan. Tank is part of the permitted Waste Effluent Collection System.

CONDITIONS

1. The operator shall conduct the operation of the storage equipment in compliance with all data and specifications submitted with the plan application under which this approval is granted.

2. Floating roof tank seals shall be properly installed and continuously maintained in good operating condition.

SCAQMD RULE 463 INSPECTION AND MAINTENANCE PLAN
FOR
TESORO LONG BEACH MARINE TERMINAL
820 CARRACK AVENUE
LONG BEACH, CALIFORNIA

FACILITY ID 172878

Submitted to:

South Coast Air Quality Management District
21865 E. Copley Drive
Diamond Bar, California 91765

Prepared by:

LA BASIN MARINE TERMINALS
Environmental Department
1300 Pier "B" Street
Long Beach, CA 90813

September 2014

TESORO LOGISTICS

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List of Acronyms

CFR	Code of Federal Regulations
H&S	Health and Safety
OSHA	Occupational Safety and Health Administration
PPE	personal protective equipment
SCAQMD	South Coast Air Quality Management District
TIMP	Tank Inspection and Maintenance Plan
VOC	Volatile Organic Compounds

1.0 Introduction

The South Coast Air Quality Management District (SCAQMD) has developed Rule 463 [1] – Organic Liquid Storage, to regulate volatile organic compounds (VOC) emissions from storage tanks. This rule places specific standards for storage tank components, especially roofs and seals; tank emptying / cleaning / repair, degassing, roof re-floating operations; tank emissions; and temporary tanks. Other requirements are also specified such as record keeping, reporting, and agency notifications. In addition, this rule requires submittal of a Tank Inspection and Maintenance Plan (TIMP) for procedures to inspect and maintain compliance with the standards for storage tanks per Rule 463.

1.1 Statement of Objectives

This TIMP is written to fulfill the requirements of the SCAQMD Rule 463. The purpose of the TIMP is to ensure that the Tesoro Long Beach Marine Terminal (LBMT) operators maintain their storage tanks and associated air pollution control equipment at LBMT, in a manner consistent with good air pollution control practices. The TIMP also ensures that LBMT operators are prepared to correct defects within the allowable time after their occurrence in order to minimize excess emissions of VOC to the atmosphere. This TIMP includes the following:

- Description of procedures for inspecting and maintaining storage tanks subject to this rule, including Tesoro's proposed self-inspection/auditing procedures in addition to the required inspection by SCAQMD;
- An inventory list of storage tanks subject to Rule 463;
- Proposed self-inspection and auditing schedules;
- Number of certified personnel dedicated to the program; and
- Health and safety procedures for entering on top of tanks for inspection and maintenance.

This TIMP is developed for LBMT personnel and/or contractors to conduct semi-annual inspections of storage tanks at the LBMT.

1 SCAQMD Rule 463 – Organic Liquid Storage. Last Amended November 4, 2011.

1.2 Report and Notification Contacts

The facility Inspection and Maintenance Plan, its revision, and all reports required to be submitted to the SCAQMD, must be addressed as follows:

Executive Officer
South Coast Air Quality Management District
21865 E. Copley Drive
Diamond Bar, California 91765

Telephone: (909) 396-2000

Submit copies of all correspondence with SCAQMD to:

Senior Environmental Specialist
1300 Pier "B" Street
Long Beach, California 90813
Attn: Ms. Donna M. DiRocco

Telephone: (562) 499-2202
Fax: (562) 499-2300

1.3 Tank Inspection and Maintenance Plan Organization

This TIMP is organized as follows:

- Section 1.0 presents the introduction;
- Section 2.0 provides specifics of our tank inspection and maintenance plan; and
- Section 3.0 provides a listing of Tesoro's health and safety procedures and a summary of personal protective equipment (PPE) required for tank seal inspections; and
- A list of H&S procedures for Rule 463 TIMP requirements located within the Tesoro *Safety Manual*.

2.0 Tank Inspection and Maintenance Plan

The following sections address the requirements for the TIMP as specified in SCAQMD Rule 463.

2.1 General Facility and Process Descriptions

The Long Beach Marine Terminal, a hydrocarbon bulk terminal (SIC 5171), is located at 820 Carrack Avenue, Long Beach, California. LBMT contains dark petroleum products. The tank farm at the LBMT consists of one external floating roof tank and five fixed roof tanks for organic liquid storage. Therefore, these tanks are subject to Rule 463.

2.2 Inventory of Floating Roof Tanks

Tank regulation, SCAQMD Rule 463, determines which products can be stored in which tank types. The criteria for LBMT are as follows:

- Generally, products with a true vapor pressure less than 0.5 psia may be stored in any tank.
- Products with a true vapor pressure greater than 0.5 psia but less than 11 psia can be stored in either a fixed roof tank with an operating vapor recovery system or a floating roof tank with dual tank seals.
- Products with a true vapor pressure of 11 psia or above may not be stored in a floating roof tank. This material may be stored in either a fixed roof tank with vapor recovery with at least 95 percent by weight VOC recovery, or in a pressure vessel.
- Individual tank permits may limit the type of product that may be stored in a particular tank; therefore it is crucial that the permit conditions for each tank be evaluated prior to filling.

Table 2-1 presents a list of floating roof tanks that fall under one or more of the above criteria and therefore, are subject to the requirements of Rule 463.

Table 2-1. Inventory of Floating Roof Tanks Subject to SCAQMD Rule 463 at Long Beach Marine Terminal

Permit ID	Capacity *(BBL)*	Product (*)	Tank ID	Roof Type	Shell Type Welded (W) Riveted (R)	Tank Dimensions		Seal Type		Floating Roof Type Double Deck (DD) Pontoon (P)	Tank In-Service Date
						Dia-meter (ft)	Height (ft)	Primary Class	Secondary Class		
G26551	35,000	Slop Oil	35003	EFR	W	80	40	Type A Inverted Double Wiper	Wiper	P	1967

* Products can vary from this inventory.

2.3 Inspection Requirements and Schedules

In general, the floating roof tank subject to Rule 463 will be regularly inspected to assure that it meets tank seal specifications with its permit conditions and/or Rule 463 requirements. In addition, tank shell and roof integrity, roof legs, hatches, emergency roof drains, vacuum breakers, and the primary and secondary seals will be inspected and any deficiencies recorded.

2.3.1 Self-Inspection

SCAQMD Rule 463 calls out a specific self-inspection interval for tanks covered by the rule. At the LBMT, the external floating roof tank subject to this rule will be inspected twice a year at approximately six-month intervals, but at intervals not less than four months apart or greater than 8 months apart, by a SCAQMD certified inspector as set forth in Rule 463. Each tank will also require an inspection when it is emptied and degassed or after it is returned to service. Table 2-3 presents Rule 463 semi-annual tank seal inspections schedule.

To lend further assurance to Tesoro's semi-annual self-inspection program under Rule 463, Tesoro will implement the following steps:

1) Initial Inspections:

   The certified inspector will perform tank seal inspections for Tank 35003 as required under Rule 463 at the LBMT. This step will focus on the initial inspection of the tank condition and the initial inspection report that will be issued to the contract repair organization and the SCAQMD. The tank will be inspected according to Rule 463 to assure that they meet tank seal specifications, including tank shell and roof integrity, sealed roof legs, guide poles, closed hatches, closed emergency roof drains and vacuum breakers etc. Deficiencies such as tears or holes in the primary and secondary seals, seal gaps, etc. are recorded. The Tesoro certified inspector will generate an inspection report detailing any gaps and any defects after each inspection.

2) Repairs:

   Once the initial inspection has been completed, the contract repair organization (Tesoro's contractor) will repair or replace any components such as seals, valves, vents, gaskets, socks, hatches, covers of roof openings, etc. that are found to be defective or have gaps that do not meet the requirements of Rule 463 within 72 hours after an inspection or before refilling an emptied and degassed tank. The contract repair organization will complete detailed logs of all repairs made and forward copies to the Tesoro Tank Team for verification, signature and recordkeeping.

Table 2-3. Rule 463 Semi-Annual Tank Seal Inspections Schedule

Tank No.	AQMD Permit ID	Inspection Frequency [a]	
		Month	Month
35003	G26551	February	August

[a] Note: The proposed inspection schedule may fluctuate as much as two months ahead of schedule or up two months late, depending on the availability of each tank for inspection. However, it is Tesoro's intention to meet Rule 463 inspection frequency under 463 (e)(3)(A), which is to inspect all tanks twice per year at 4 to 8 months intervals.

3) Post Inspections

A Tesoro certified inspector will perform a post inspection of the tank. This is to ensure that all Rule 463 repairs have been completed for the tank before it can be compliance certified. This step will focus on the final inspection, final inspection reporting, and quality of repair (if any). In general, the tank will be re-inspected according to Rule 463, only in areas where defects were found to assure that the repairs were made, as well as to check the quality of each repair. The inspector will conduct a field check of all items listed in the detailed repair logs provided by the contract repair organization and sign-off to attest that these items have been repaired. Upon completion of the post inspection, the certified inspector will generate a post inspection report certifying that the tank is in compliance.

2.3.2 Additional Self-Inspection Procedures

In addition to the self-inspection program for the tank currently subject to Rule 463, Tesoro plans to follow the practices specified in American Petroleum Institute (API) 653 for tank inspection. Any scheduled or non-scheduled tank inspections that might identify non-compliance items will be repaired and reported according to Rule 463 to the SCAQMD.

2.4 Repair

SCAQMD Rule 463 has strict tank repair time. If the tank subject to this rule is found to be out of compliance, Tesoro will attempt at repair to bring it back into compliance within 72 hours. If the repair cannot be made within 72 hours, Tesoro will take the tank out-of-service or file for a variance to request for longer repair period.

2.5 Notifications and Reporting Requirements

For the tank subject to Rule 463, Tesoro will do the following notifications and/or reporting requirements:

- Inform SCAQMD within five days of a successful inspection by submitting Rule 463 inspection report(s).

- Inform SCAQMD, in writing within five days of a determination of non-compliance and corrective action to achieve compliance for the tank.

- Notify SCAQMD in writing at least 2 hours but no more than 2 days prior to the start of the emptying operation, or the degassing of any storage tank. Follow-up with form and fee in the mail postmarked no later than 3 business days following the degassing event.

- Notify SCAQMD, in writing at least two weeks prior to the starting, of any Rule 463 tank emptying or roof re-floating for planned maintenance of a tank

(exception - drain dry tanks that change service – SCAQMD notified by degassing company in accordance with permit condition).

- Submit to SCAQMD any revision made to TIMP procedures within 30 days of any change.

To ensure the accuracy and completeness of each report generated after each inspection, Tesoro certified inspectors will sign-off each inspection report and certify that it is complete.

2.6 Recordkeeping Requirements

The Tesoro Tank Team will maintain all documents regarding tanks inspections, repairs, audits, malfunctions, and agency reports on file for at least 5 years. These documents will be made available to SCAQMD upon request.

2.7 Training and Certification

All Tesoro tank seal inspectors are certified through the SCAQMD Tank Self-Inspection Program. At any given time, there are a number of certified inspectors routinely available for conducting inspections to ensure compliance with SCAQMD Rule 463 requirements. All inspectors hold current certificates issued by the SCAQMD and are in good standing in this program.

3.0 Health and Safety Procedures

The greatest potential for safety hazards will be related to field inspections of Tesoro's primary seals on top of floating roof tanks. To ensure that the Tesoro personnel and its contractors minimize the risk of injuries and accidents while conducting tank seal inspection, all Tesoro personnel, contractors, and other third parties shall follow Tesoro's Health and Safety (H&S) procedures listed below and provided in the most current Tesoro *Safety Manual*. The SCAQMD Inspectors will follow Tesoro's health and safety procedures when conducting tank seal audits for LBMT. Tesoro's H&S measures are in accordance with Federal Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910 for Occupational Health and Safety Standards, and OSHA 29 CFR Part 1926 for Safety and Health Regulations for Construction; and California Code of Regulations, Title 8, Chapter 4 Division of Industrial Safety, Subchapter 4 for Construction Safety Orders, Subchapter 7 for General Safety Orders, and Subchapter 15 for Petroleum Safety Orders – Refining, Transportation and Handing.

For the purpose of Rule 463 TIMP H&S requirements, the following list of Tesoro's H&S procedures can be found in the most current edition of the Tesoro *Safety Manual*:

- **Confined Space Entry**
- **Emergency Preparedness**
- **Accident Reporting and Investigating**
- **Personal Protective Equipment (PPE)**
- **Eye and Face Protection**
- **Fire-Resistant Clothing (FRC)**
- **Hearing Conservation Program**
- **Procedure S3-1 for Smoking Policy**
- **Vehicle Safety**
- **Fall Protection Program**
- **Respiratory Protection Program**
- **Contractor Safety**

- **Hydrogen Sulfide Safety Program**

3.1 Personal Protective Equipment

The following is a summary of PPE that are required to be worn by Tesoro personnel, contractors and third parties when entering on top of floating roof tanks for tank seal inspection:

- Hard hats
- Safety shoes
- Fire-Resistant Clothing
- Fall Protection (on tanks without standard guardrail system)
- Hearing protection in noise hazard areas
- Safety glasses
- Gloves
- Respiratory protection
- LEL Monitor
- Personal H2S Monitor

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

SECTION J: AIR TOXICS
[40CFR 63 Subpart ZZZZ, #1 03-09-2011]

NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS: STATIONARY RECIPROCATING INTERNAL COMBUSTION ENGINES

The owner/operator of stationary Reciprocating Internal Combustion Engines (RICE) located at an area source of hazardous air pollutant (HAP) emissions shall comply with the applicable requirements of 40 CFR 63 Subpart ZZZZ including but not limited to the following:

1. The owner/operator shall comply with the applicable requirements as specified in 63.6603 including but not limited to the following:

Table 2d to Subpart ZZZZ of Part 63—Requirements for Existing Stationary RICE Located at Area Sources of HAP Emissions

As stated in §§63.6603 and 63.6640, you must comply with the following requirements for existing stationary RICE located at area sources of HAP emissions:

For each . . .	You must meet the following requirement, except during periods of startup . . .	During periods of startup you must . . .
11. Non-emergency, non-black start landfill or digester gas-fired stationary RICE.	a. Change oil and filter every 1,440 hours of operation or annually, whichever comes first;[1] b. Inspect spark plugs every 1,440 hours of operation or annually, whichever comes first; and c. Inspect all hoses and belts every 1,440 hours of operation or annually, whichever comes first, and replace as necessary.	

[1]Sources have the option to utilize an oil analysis program as described in §63.6625(i) in order to extend the specified oil change requirement in Table 2d of this subpart.

2. The owner/operator shall comply with the applicable general requirements as specified in 63.6605.

3. The owner/operator shall comply with the applicable monitoring, installation, collection, operation, and maintenance requirements specified in 63.6625.

4. The owner/operator shall demonstrate continuous compliance with the applicable emission limitations and operating limitations specified in 63.6640 including but not limited to the following:

   (a) You must demonstrate continuous compliance with each emission limitation and operating limitation according to methods specified in Table 6 to this subpart.

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SECTION J: AIR TOXICS
[40CFR 63 Subpart ZZZZ, #1 03-09-2011]

Table 6 to Subpart ZZZZ of Part 63—Continuous Compliance With Emission Limitations, Operating Limitations, Work Practices, and Management Practices

As stated in §63.6640, you must continuously comply with the emissions and operating limitations and work or management practices as required by the following:

For each . . .	Complying with the requirement to . . .	You must demonstrate continuous compliance by . . .
existing non-emergency landfill or digester gas stationary SI RICE located at an area source of HAP	a. Work or Management practices	i. Operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or ii. Develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

(b) You must report each instance in which you did not meet each emission limitation or operating limitation in Table 2d to this subpart that apply to you. These instances are deviations from the emission and operating limitations in this subpart. These deviations must be reported according to the requirements in §63.6650.

5. The owner/operator shall comply with the applicable record keeping requirements specified in 63.6655 and 63.6660.

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SECTION J: AIR TOXICS
[40CFR 63 Subpart Y, #1 09-19-1995]

MARINE TANK VESSEL OPERATIONS (IN REFINERIES, BULK TERMINALS, CHEMICAL PLANTS, AND PIPELINE TERMINALS), MINOR SOURCES

1. The operator shall comply with all applicable requirements of 40 CFR 63, Subpart Y and of Subpart A - General Provisions by the date(s) specified in these subparts.

2. The operator shall submit all reports, notifications, plans, submittals and other communications required by Subpart Y or Subpart A to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX (See Sections E and K of this permit for addresses).

3. The operator shall comply with the applicable recordkeeping requirements in accordance with 40 CFR 63, Subpart Y, Section 63.567 (j)(4).

4. The operator shall comply with the emission estimation requirements in accordance with 40 CFR 63, Subpart Y, Section 63.565 (l).

5. The operator shall submit to AQMD applications for permits to construct and permits to operate for new equipment or equipment modifications, which are regulated by this subpart, as a Title V permit revision for the approval by the Executive Officer.

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

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 LONG BEA

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
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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)]

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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)]

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EMERGENCY PROVISIONS

17. An emergency[1] constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limit only if:

    (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:

        (1) An emergency occurred and the operator can identify the cause(s) of the emergency;

        (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;

        (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,

        (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and

    (B) The operator complies with the breakdown provisions of Rule 430 – Breakdown Provisions, or subdivision (i) of Rule 2004 – Requirements, whichever is applicable. [3002(g), 430, 2004(i)]

18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

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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.

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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.

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(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;

(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
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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	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 1142	7-19-1991	Federally enforceable
RULE 1149	5-2-2008	Federally enforceable
RULE 1171	2-1-2008	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 1173	2-6-2009	Federally enforceable
RULE 118	12-7-1995	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 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
RULE 1402	3-4-2005	Non federally enforceable
RULE 1415	12-3-2010	Non federally enforceable
RULE 1418	9-10-1999	Non federally enforceable
RULE 1470	5-4-2012	Non federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	5-3-2013	Non federally enforceable

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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
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	11-5-2010	Non federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3005	11-5-2010	Non federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 301	6-6-2014	Non federally enforceable
RULE 304	6-6-2014	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 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 463	11-4-2011	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 63 Subpart Y, #1	9-19-1995	Federally enforceable
40CFR 63 Subpart ZZZZ_01	3-9-2011	Federally enforceable
40CFR 82 Subpart F	6-25-2013	Federally enforceable
40CFR Part 64	10-22-1997	Federally enforceable

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

NONE

FACILITY PERMIT TO OPERATE
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APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 07-13-2007]

(1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall 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), no person shall 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, except anti-graffiti coatings, for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 07-13-2007]
TABLE OF STANDARDS
VOC LIMITS

Grams of VOC Per Liter of Coating,
Less Water and Less Exempt Compounds

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350							
Clear Wood Finishes	350					275		
Varnish	350					275		
Sanding Sealers	350					275		
Lacquer	680	550			275			
Clear Brushing Lacquer	680				275			
Concrete-Curing Compounds	350						100	
Concrete-Curing Compounds For Roadways and Bridges**	350							
Dry-Fog Coatings	400						150	
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							
Industrial Maintenance (IM) Coatings	420			250		100		
High Temperature IM Coatings			420					
Zinc-Rich IM Primers	420		340			100		
Japans/Faux Finishing Coatings	700	350						
Magnesite Cement Coatings	600	450						
Mastic Coatings	300							
Metallic Pigmented Coatings	500							
Multi-Color Coatings	420	250						
Nonflat Coatings	250		150			50		

FACILITY PERMIT TO OPERATE
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APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 07-13-2007]

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Nonflat High Gloss	250		150				50	
Pigmented Lacquer	680	550			275			
Pre-Treatment Wash Primers	780		420					
Primers, Sealers, and Undercoaters	350		200			100		
Quick-Dry Enamels	400		250			150	50	
Quick-Dry Primers, Sealers, and Undercoaters	350		200			100		
Recycled Coatings			250					
Roof Coatings	300		250		50			
Roof Coatings, Aluminum	500				100			
Roof Primers, Bituminous	350		350					
Rust Preventative Coatings	420		400			100		
Shellac								
Clear	730							
Pigmented	550							
Specialty Primers	350					250	100	
Stains	350		250				100	
Stains, Interior	250							
Swimming Pool Coatings								
Repair	650		340					
Other	340							
Traffic Coatings	250	150					100	
Waterproofing Sealers	400		250			100		
Waterproofing Concrete/Masonry Sealers	400					100		
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.

** Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

*** The Fire-Retardant Coating category will be eliminated on January 1, 2007 and subsumed by the coating category for which they are formulated.

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 07-13-2007]
TABLE OF STANDARDS (cont.)
VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 09-06-2013]

(1) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, market, manufacture, blend, repackage, apply, store at a worksite, or solid the application of any architectural coating within in the District:

(A) That is listed in the Table of Standards 1 and contains VOC (exclusing any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified; or

(B) That is not listed in the Table of Standards 1, and contains VOC (excluding any colorant added to tint bases) in excess of 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, until January 1, 2014, at which time the limit drops to 50 grams of VOC per liter of coating, less water, less exempt compounds (0.42 pounds per gallon).

(2) No person within the District shall add colorant at the point of sale that is listed in the Table of Standards 2 and contains VOC in excess of the corresponding VOC limit specified in the Table of Standards 2, after the effective date specified.

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 09-06-2013]
TABLE OF STANDARDS 1
VOC LIMITS

Grams of VOC Per Liter of Coating, Less Water and Less Exempt Compounds

COATING CATEGORY	Ceiling Limit[1]	Current Limit[2]	Effective Date		
			7/1/08	1/1/12	1/1/14
Bond Breakers		350			
Clear Wood Finishes		275			
Varnish	350	275			
Sanding Sealers	350	275			
Lacquer		275			
Concrete-Curing Compounds		100			
Concrete-Curing Compounds For Roadways and Bridges[3]		350			
Concrete Surface Retarder		250			50
Driveway Sealer		100		50	
Dry-Fog Coatings		150			50
Faux Finishing Coatings					
Clear Topcoat		350		200	100
Decorative Coatings		350			
Glazes		350			
Japan		350			
Trowel Applied Coatings		350		150	50
Fire-Proofing Coatings		350			150
Flats	250	50	50		
Floor Coatings	100	50			
Form Release Compound		250			100
Graphic Arts (Sign) Coatings		500			150
Industrial Maintenance (IM) Coatings	420	100			
High Temperature IM Coatings		420			
Non-SacrificialAnti-Graffiti Coatings		100			
Zinc-Rich IM Primers		100			
Magnesite Cement Coatings		450			
Mastic Coatings		300			100
Metallic Pigmented Coatings	500	500			150
Multi-Color Coatings		250			
Nonflat Coatings	150	50			
Pre-Treatment Wash Primers		420			
Primers, Sealers, and Undercoaters		100			
Reactive Penetrating Sealers		350			

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 09-06-2013]

Recycled Coatings		250			
Roof Coatings		50			
Roof Coatings, Aluminum		100			
Roof Primers, Bituminous		350			
Rust Preventative Coatings	400	100			
Sacrificial Anti-Graffiti Coatings		100		50	
Shellac					
Clear		730			

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 09-06-2013]

COATING CATEGORY	Ceiling Limit[1]	Current Limit[2]	Effective Date		
			7/1/08	1/1/12	1/1/14
Pigmented		550			
Specialty Primers		100			
Stains	350	100			
Stains, Interior	250	250			
Stone Consolidant		450			
Swimming Pool Coatings					
Repair		340			
Other		340			
Traffic Coatings		100			
Waterproofing Sealers		100			
Waterproofing Concrete/Masonry Sealers		100			
Wood Preservatives		350			

1 The specified ceiling limits are applicable to products sold under the Averaging Compliance Option.

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

3. Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

TABLE OF STANDARDS 1 (cont.)
VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

TABLE OF STANDARDS 2
VOC LIMITS FOR COLORANTS

Grams of VOC Per Liter of Colorant
Less Water and Less Exempt Compounds

COLORANT ADDED TO	Limit[4]
Architectural Coatings, excluding IM Coatings	50
Solvent-Based IM	600
Waterborne IM	50

4. Effective January 1, 2014.

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

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:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS* VOC g/l (lb/gal)	EFFECTIVE 1/1/2008* VOC g/l (lb/gal)	EFFECTIVE 1/1/2009 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 LONG BEA

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 LONG BEA

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 LONG BEA

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 LONG BEA

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 LONG BEA

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 LONG BEA

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	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
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

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

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	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
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

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

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	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
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

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

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	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

FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEA

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