

FACILITY PERMIT TO OPERATE

**PLAINS WEST COAST TERMINALS LLC
2500 E VICTORIA ST
COMPTON, CA 90220**

NOTICE

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

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

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

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FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: PLAINS WEST COAST TERMINALS LLC

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 2500 E VICTORIA ST
 COMPTON, CA 90220-6013

MAILING ADDRESS: 5900 CHERRY AVE
 LONG BEACH, CA 90805

RESPONSIBLE OFFICIAL: TROY E. VALENZUELA

TITLE: VP, ENVIRONMENTAL HEALTH & SAFETY

TELEPHONE NUMBER: (713) 646-4614

CONTACT PERSON: RUTH HA

TITLE: ENVIRONMENTAL ENGINEER

TELEPHONE NUMBER: (562) 728-2024

INITIAL TITLE V PERMIT ISSUED: April 20, 2009

TITLE V PERMIT EXPIRATION DATE: April 19, 2014

TITLE V	RECLAIM
YES	NOx: YES SOx: NO CYCLE: 2 ZONE: COASTAL

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC ¹ Holding as of 07/01/2014 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
7/2011 6/2012	Coastal	2959	1691	320
1/2012 12/2012	Coastal	0	7	0
7/2012 6/2013	Coastal	2959	1284	0
1/2013 12/2013	Coastal	0	1600	0
7/2013 6/2014	Coastal	2959	3493	0
1/2014 12/2014	Coastal	0	1600	0
7/2014 6/2015	Coastal	2959	3493	0
1/2015 12/2015	Coastal	0	1600	0
7/2015 6/2016	Coastal	2959	3493	0
1/2016 12/2016	Coastal	0	1600	0
7/2016 6/2017	Coastal	2959	3493	0
1/2017 12/2017	Coastal	0	1600	0
7/2017 6/2018	Coastal	2959	3493	0
1/2018 12/2018	Coastal	0	1600	0
7/2018 6/2019	Coastal	2959	3493	0
1/2019 12/2019	Coastal	0	1600	0
7/2019 6/2020	Coastal	2959	3493	0

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NO_x emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year		Zone	NO _x RTC Initially Allocated	NO _x RTC ¹ Holding as of 07/01/2014 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
Begin (month/year)	End				
1/2020	12/2020	Coastal	0	1600	0
7/2020	6/2021	Coastal	2959	3493	0
1/2021	12/2021	Coastal	0	1600	0
7/2021	6/2022	Coastal	2959	3493	0
1/2022	12/2022	Coastal	0	1600	0
7/2022	6/2023	Coastal	2959	3493	0
1/2023	12/2023	Coastal	0	1600	0
7/2023	6/2024	Coastal	2959	3493	0
1/2024	12/2024	Coastal	0	1600	0
7/2024	6/2025	Coastal	2959	3493	0
1/2025	12/2025	Coastal	0	1600	0
7/2025	6/2026	Coastal	2959	3493	0
1/2026	12/2026	Coastal	0	1600	0
7/2026	6/2027	Coastal	2959	3493	0
1/2027	12/2027	Coastal	0	1600	0
7/2027	6/2028	Coastal	2959	3493	0
1/2028	12/2028	Coastal	0	1600	0

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC ¹	Non-Tradable ²
			Holding as of 07/01/2014 (pounds)	Non-Usable RTCs (pounds)
7/2028 6/2029	Coastal	2959	3493	0
1/2029 12/2029	Coastal	0	1600	0

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase in an annual allocation to a level greater than the facility's starting Allocation plus Non-Tradable credits as listed below, the application will be evaluated for compliance with Rule 2005 (c)(4). Rule 2005 (e) - Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

Year		Zone	NOx RTC	Non-Tradable
Begin	End		Starting Allocation	Credits(NTC)
(month/year)			(pounds)	(pounds)
7/1994	6/1995	Coastal	4096	0

**FACILITY PERMIT TO OPERATE
PLAINS WEST COAST TERMINALS LLC**

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: EXTERNAL COMBUSTION- HEATERS					
System 1: Process Heaters					
HEATER, NO.1, NATURAL GAS, BORN ENGINEERING, WITH LOW NOX BURNER, 36.8 MMBTU/HR WITH A/N: 418607 BURNER, SIX, JOHN ZINK, MODEL PNDR-20-M-SPL, WITH LOW NOX BURNER, 36.8 MMBTU/HR	D1		NOX: LARGE SOURCE**	CO: 400 PPMV (5) [RULE 1146, 11-17-2000]; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012, 5-11-2001]	C1.4, H23.1
HEATER, NO.2, NATURAL GAS, BORN ENGINEERING, WITH LOW NOX BURNER, 36.8 MMBTU/HR WITH A/N: 418608 BURNER, SIX, JOHN ZINK, MODEL PNDR-20-M-SDL, WITH LOW NOX BURNER, 36.8 MMBTU/HR	D2		NOX: LARGE SOURCE**	CO: 400 PPMV (5) [RULE 1146, 11-17-2000]; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012, 5-11-2001]	C1.4, H23.1
Process 2: PETROLEUM STORAGE					
System 1: DOMED EXTERNAL FLOATING ROOF TANKS					

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

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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2. PETROLEUM STORAGE					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO. T-13, ORGANIC LIQUIDS WITH TRUE VAPOR PRESSURE NOT TO EXCEED 11.0 PSIA, 50000 BBL; DIAMETER: 95 FT ; HEIGHT: 40 FT WITH A/N: FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D3				B59.1, B59.6, E448.1, E448.3, E448.4, E448.5, H23.3, K67.4
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO. T-1, ORGANIC LIQUIDS WITH TRUE VAPOR PRESSURE NOT TO EXCEED 11.0 PSIA, WITH THREE AGITATORS, 500000 BBL; DIAMETER: 300 FT ; HEIGHT: 45 FT WITH A/N: FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D4				A63.1, B59.1, B59.6, E448.1, E448.3, E448.4, H23.3, K67.4

- * (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 2: PETROLEUM STORAGE					
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO. T-8, ORGANIC LIQUIDS WITH TRUE VAPOR PRESSURE NOT TO EXCEED 11.0 PSIA,, WITH A LIGHTNIN MIXER, 220000 BBL; DIAMETER: 199 FT ; HEIGHT: 40 FT WITH A/N: FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D11				A63.1, B59.1, B59.6, E448.1, E448.3, E448.4, H23.3, K67.4
STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, NO. 12, ORGANIC LIQUIDS WITH TRUE VAPOR PRESSURE NOT TO EXCEED 11.0 PSIA, WITH A LIGHTNIN MIXER, 115000 BBL; DIAMETER: 143 FT 6 IN; HEIGHT: 40 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY A, WIPER TYPE	D15				B59.1, B59.6, E448.1, E448.2, E448.3, E448.4, H23.3, K67.4
System 2: EXTERNAL FLOATING ROOF TANKS					

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 2: PETROLEUM STORAGE					
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.2, HEAVY FUEL OIL, GAS OIL, BUNKER FUEL, CRUDE OIL, WITH THREE AGITATORS, 500000 BBL; DIAMETER: 300 FT ; HEIGHT: 40 FT WITH A/N: FLOATING ROOF PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D5				A63.1, B59.1, B59.2, E448.1, E448.3, H23.3, K67.4
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.3, HEAVY FUEL OIL, GAS OIL, BUNKER FUEL, CRUDE OIL, WITH THREE AGITATORS, 500000 BBL; DIAMETER: 300 FT ; HEIGHT: 40 FT WITH A/N: FLOATING ROOF PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D6				A63.1, B59.1, B59.2, E448.1, E448.3, H23.3, K67.4

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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 2: PETROLEUM STORAGE					
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.4, HEAVY FUEL OIL, GAS OIL, BUNKER FUEL, CRUDE OIL, WELDED SHELL, 500000 BBL; DIAMETER: 300 FT ; HEIGHT: 40 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D7				A63.1, B59.1, B59.2, E448.1, E448.3, H23.3, K67.4
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.5, HEAVY FUEL OIL, GAS OIL, BUNKER FUEL, CRUDE OIL, WELDED SHELL, WITH THREE MIXERS, 500000 BBL; DIAMETER: 299 FT ; HEIGHT: 41 FT 8 IN WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D8				A63.1, B59.1, B59.2, E448.1, E448.3, H23.3, K67.4

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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 2: PETROLEUM STORAGE					
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.6, HEAVY FUEL OIL, GAS OIL, BUNKER FUEL, CRUDE OIL, WITH THREE AGITATORS, 500000 BBL; DIAMETER: 300 FT ; HEIGHT: 40 FT WITH A/N: FLOATING ROOF PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D9				A63.1, B59.1, B59.2, E448.1, E448.3, H23.3, K67.4
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.7, HEAVY FUEL OIL, GAS OIL, BUNKER FUEL, CRUDE OIL, WITH A LIGHTNIN MIXER, 220000 BBL; DIAMETER: 199 FT ; HEIGHT: 40 FT WITH A/N: FLOATING ROOF PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D10				A63.1, B59.1, B59.2, E448.1, E448.3, H23.3, K67.4

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 2: PETROLEUM STORAGE					
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.9, HEAVY FUEL OIL, GAS OIL, BUNKER FUEL, CRUDE OIL, WITH A LIGHTNIN MIXER, 220000 BBL; DIAMETER: 199 FT ; HEIGHT: 40 FT WITH A/N: FLOATING ROOF PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D12				A63.1, B59.1, B59.2, E448.1, E448.3, H23.3, K67.4
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.10, HEAVY FUEL OIL, GAS OIL, BUNKER FUEL, CRUDE OIL, WITH A LIGHTNIN MIXER, 115000 BBL; DIAMETER: 143 FT 6 IN; HEIGHT: 40 FT WITH A/N: FLOATING ROOF PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D13				A63.1, B59.1, B59.2, E448.1, E448.3, H23.3, K67.4

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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 2: PETROLEUM STORAGE					
STORAGE TANK, EXTERNAL FLOATING ROOF, NO.11, HEAVY FUEL OIL, GAS OIL, BUNKER FUEL, CRUDE OIL, WITH A LIGHTNIN MIXER, 115000 BBL; DIAMETER: 143 FT 6 IN; HEIGHT: 40 FT WITH A/N: FLOATING ROOF PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE	D14				A63.1, B59.1, B59.2, E448.1, E448.3, H23.3, K67.4
System 3: INTERNAL FLOATING ROOF TANKS					
STORAGE TANK, INTERNAL FLOATING ROOF, TANK NO. 14, ORGANIC LIQUIDS WITH TRUE VAPOR PRESSURE NOT TO EXCEED 11.0 PSIA, CONE ROOF, 50000 BBL; DIAMETER: 95 FT ; HEIGHT: 40 FT WITH A/N: FLOATING ROOF, PONTOON, WELDED SHELL, INTERNAL FLOATING ROOF PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE	D117				B59.1, B59.6, E448.1, E448.3, E448.6, E448.7, H23.3, K67.4
Process 3: FUEL LOADING/ UNLOADING FACILITIES					

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

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

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: FUEL LOADING/ UNLOADING FACILITIES					
System 1: TURBINE FUEL LOADING					
LOADING ARM, BOTTOM, WITH VAPOR RECOVERY SYSTEM, DIAMETER: 4 IN A/N: 418617	D16				B59.1, C1.1
LOADING ARM, BOTTOM, WITH VAPOR RECOVERY SYSTEM, DIAMETER: 4 IN A/N: 418617	D17				B59.1, C1.1
System 2: FUEL OIL LOADING					
LOADING ARM, TANK TRUCK, FUEL OIL, DIAMETER: 4 IN A/N: 453075	D18				C1.1
LOADING ARM, TANK TRUCK, FUEL OIL, DIAMETER: 4 IN A/N: 453075	D19				C1.1
LOADING ARM, BOTTOM, TANK TRUCK, FUEL OIL, DIAMETER: 4 IN A/N: 453075	D20				C1.1
LOADING ARM, TANK TRUCK, FUEL OIL, DIAMETER: 4 IN A/N: 453075	D21				C1.1
System 3: FUEL OIL UNLOADING					
UNLOADING ARM, BOTTOM, ORGANIC LIQUID, DIAMETER: 4 IN A/N: 453075	D22				E148.1, E193.2
UNLOADING ARM, BOTTOM, ORGANIC LIQUID, DIAMETER: 4 IN A/N: 453075	D23				E148.1, E193.2
Process 4: OIL WATER SEPARATION					
System 1: SEPARATOR					

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

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 4: OIL WATER SEPARATION					
OIL WATER SEPARATOR, FIXED ROOF, WITH A SKIMMER, HEIGHT: 10 FT ; DIAMETER: 12 FT A/N: 418619	D24				H23.5
TANK, HEATED, WASTE OIL, 14 BBL; DIAMETER: 6 FT ; HEIGHT: 3 FT 3 IN A/N: 418619	D25				
System 2: RUNOFF					
SUMP, WASTE OIL, WASTE WATER, WITH A COVER, PASSIVELY VENTED, WIDTH: 4 FT 6 IN; HEIGHT: 4 FT 8 IN; LENGTH: 7 FT 6 IN WITH A/N: 470745	D26	C121			B59.8, E202.2, K67.7
CARBON ADSORBER, CONSISTING OF FOUR 55 GALLON ACTIVATED CARBON CANISTERS IN SERIES	C121	D26			E193.3, K67.7
Process 5: FUGITIVE EMISSION SOURCES					
FUGITIVE EMISSIONS, VALVES, GAS A/N: 418619	D55				H23.6
FUGITIVE EMISSIONS, VALVES, LIGHT LIQUID A/N: 418619	D56				
FUGITIVE EMISSIONS, VALVES, HEAVY LIQUID A/N: 418619	D57				
FUGITIVE EMISSIONS, PUMPS, LIGHT LIQUID A/N: 418619	D58				

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

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 5: FUGITIVE EMISSION SOURCES					
FUGITIVE EMISSIONS, PUMPS, HEAVY LIQUID A/N: 418619	D59				
FUGITIVE EMISSIONS, DRAINS A/N: 418619	D60				
FUGITIVE EMISSIONS, PRV A/N: 418619	D61				
FUGITIVE EMISSIONS, FLANGES A/N: 418619	D62				

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

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

**FACILITY PERMIT TO OPERATE
PLAINS WEST COAST TERMINALS LLC**

SECTION D: DEVICE ID INDEX

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

**FACILITY PERMIT TO OPERATE
 PLAINS WEST COAST TERMINALS LLC**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1	1	1	1
D2	1	1	1
D3	2	2	1
D4	2	2	1
D5	4	2	2
D6	4	2	2
D7	5	2	2
D8	5	2	2
D9	6	2	2
D10	6	2	2
D11	3	2	1
D12	7	2	2
D13	7	2	2
D14	8	2	2
D15	3	2	1
D16	9	3	1
D17	9	3	1
D18	9	3	2
D19	9	3	2
D20	9	3	2
D21	9	3	2
D22	9	3	3
D23	9	3	3
D24	10	4	1
D25	10	4	1
D26	10	4	2
D55	10	5	0
D56	10	5	0
D57	10	5	0
D58	10	5	0
D59	11	5	0
D60	11	5	0
D61	11	5	0
D62	11	5	0
D117	8	2	3

**FACILITY PERMIT TO OPERATE
PLAINS WEST COAST TERMINALS LLC
SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
C121	10	4	2

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

DEVICE CONDITIONS

A. Emission Limits

A63.1 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
ROG	Less than or equal to 2145. LBS IN ANY CALENDAR MONTH
ROG	Less than or equal to 112.77 LBS IN ANY ONE DAY

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For the purposes of this condition, the limit(s) shall be based on the total combined emissions from D4 (T-1), D5 (T-2), D6 (T-3), D7 (T-4), D8 (T-5), D9 (T-6), D10 (T-7), D11 (T-8), D12 (T-9), D13 (T-10), D14 (T-11).

For each calendar month, the emissions shall be computed and recorded no later than the 15th day of the following month. Records of daily emissions, monthly emissions and information used to determine such emissions shall be maintained for at least five years and made available to AQMD personnel upon request.

The operator shall calculate the emissions from D5 (T-2), D6 (T-3), D7 (T-4), D8 (T-5), D9 (T-6), D10 (T-7), D12 (T-9), D13 (T-10), and D14 (T-11) using the following formulas:

equation 1 $L_w = [(0.943)(Q)(C)(WL)]/D$ = Withdrawal Loss, (ROG lbs/day)

equation 2 $L_s = (K_s)(V^n)(P^*)(D)(M_v)(K_c)/365$ = Standing Loss, (ROG lbs/day)

equation 3 $L_{rf} = (F_f)(P^*)(M_v)(K_c)/365$ = Roof Fitting Loss, (ROG lbs/day)

equation 4 $L_t = L_w + L_s + L_{rf}$ = Total Loss, (ROG lbs/day)

Where:

D = Diameter of tank in feet.

Q = Tank throughput, in barrels/day, determined pursuant to condition no. E448.1

(ROG lbs/day) = L_t , calculated once per day per product. For days where there is more than one product present in the tank during the same 24 hour period, L_t shall be calculated separately for each product. Each separate product L_t shall be added together to determine the total (ROG lbs/day) to be reported for the 24 hour period.

(ROG lbs/month) = The total sum, each calendar month, of each separate value of (ROG lbs/day) calculated each calendar day during the month for which ROG emissions are being reported.

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

P = actual vapor pressure in psia for the product stored.

$$P^* = (P/14.7)/[1 + (1-(P/14.7))^{0.5}]^2$$

The operator shall calculate the emissions using the following factors:

For all tanks: C = 0.006, WL = 7.1, Ks = 0.2, V = 5.6, n = 1.0, Mv = 50, and Kc = 0.4

For tanks D5 (T-2), D6 (T-3), D7 (T-4), D8 (T-5), and D9 (T-6): D = 300, Ff = 606.9

For tanks D10 (T-7), and D12 (T-9): D = 199, Ff = 531.2

For tanks D13 (T-10) and D14 (T-11): D = 143.5, Ff = 489.5

The operator shall calculate the emissions from D4 (T-1) and D11 (T-8) using EPA's Tanks Program 4.09d or other method as approved by the Executive Officer. Daily and calendar monthly throughput of the actual product stored shall be determined pursuant to condition no. E448.1.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1313(g), 12-7-1995; RULE 1401, 9-10-2010**]

[Devices subject to this condition : D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14]

B. Material/Fuel Type Limits

B59.1 The operator shall not use the following material(s) in this device :

Gasoline

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D117]

B59.2 The operator shall only use the following material(s) in this device :

Crude oil, gas oil, heavy fuel oil, or bunker fuel

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

[Devices subject to this condition : D5, D6, D7, D8, D9, D10, D12, D13, D14]

B59.6 The operator shall only use the following material(s) in this device :

Crude oil, fuel oil, petroleum middle distillates, gas oil and bunker oil with true vapor pressure not to exceed 11.0 psia, as measured by ASTM Method D2879, Isoteniscope.

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

[Devices subject to this condition : D3, D4, D11, D15, D117]

B59.8 The operator shall only use the following material(s) in this device :

Only materials listed in Section D and/or H limits.

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 402, 5-7-1976]

[Devices subject to this condition : D26]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the loading rate to no more than 20000 gallon(s) per day.

For the purpose of this condition, material loaded shall be defined as organic liquid having a vapor pressure less than 1.5 psia under actual loading conditions.

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

[Devices subject to this condition : D16, D17, D18, D19, D20, D21]

C1.4 The operator shall limit the heat input to no more than 100000 MM Btu in any one year.

[RULE 204, 10-8-1993]

[Devices subject to this condition : D1, D2]

E. Equipment Operation/Construction Requirements

E148.1 The operator shall not shut down the pump and disconnect the transfer hose from the pump until all liquid has been pumped into the receiving tank.

[RULE 1173, 2-6-2009]

[Devices subject to this condition : D22, D23]

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E193.2 The operator shall operate and maintain this equipment according to the following requirements:

There shall be no liquid leaks during disconnection of the unloading hoses from the tank trucks

[RULE 1173, 2-6-2009]

[Devices subject to this condition : D22, D23]

E193.3 The operator shall operate and maintain this equipment according to the following requirements:

A. The operator shall periodically monitor the hydrocarbon concentration at the outlet of the carbon adsorber once per quarter and once per day each time the sump is filled. The operator shall use a District approved Organic Vapor Analyzer (OVA) to monitor the hydrocarbon concentration. The OVA shall meet the requirements of EPA Method 21. The operator shall calibrate the OVA used to monitor the hydrocarbon concentration in ppmv methane.

B. The operator shall replace the spent carbon with fresh activated carbon in the adsorber whenever breakthrough occurs. For the purpose of this condition, breakthrough occurs when the OVA reading indicates a concentration of 500 PPMv or higher at the outlet of the final carbon adsorber.

C. The operator shall keep all spent carbon in a tightly covered container which shall remain closed except when it is being transferred into or out of the container.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 402, 5-7-1976]

[Devices subject to this condition : D26]

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E202.2 The operator shall clean and maintain this equipment according to the following specifications:

Contents shall be drained and/or vacuumed whenever the sump is full or at least once a year.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 402, 5-7-1976]

[Devices subject to this condition : D26]

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

A. Install and maintain a computerized, fully automated, liquid level measuring device and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as one measurement every 15 minutes.

B. Calculate the total one-way roof movement, in feet, on a daily and monthly basis.

C. Calculate the throughput, in barrels, by the following equation: $0.14 \times D \times D \times L$, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet.

D. In case of failure or shutdown of the measuring device and/or recorder, excluding routine maintenance, the requirements of this condition shall not apply for a period not to exceed 24 consecutive hours from the time of its occurrence. In the case of a routine maintenance, the requirements of this condition shall not apply for maximum period of 4 hours in any calendar day.

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Devices subject to this condition : D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D117]

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

The VOC emissions from this storage tank shall not exceed 259 pounds in any one calendar month. VOC emissions shall be determined using EPA's Tanks Program 4.09d or other method as approved by the Executive Officer. Calendar monthly throughput of the actual product stored shall be determined pursuant to condition no. E448.1.

For each calendar month, the emissions shall be computed and recorded no later than the 15th day of the following month. Records of monthly emissions and information used to determine such emissions shall be maintained for at least five years and made available to AQMD personnel upon request.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1313(g), 12-7-1995; RULE 1401, 9-10-2010**]

[Devices subject to this condition : D15]

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

A. The operator shall vent each floating roof storage tank to a vapor control device which is in full use immediately after the tank was deemed free from organic liquid, until the volatile organic compounds (VOC) concentration monitored inside the tank (vapor space) is reduced to less than 5,000 parts per million by volume (PPMV) for one hour after the degassing operations have ceased, except when the storage tank is a drain-dry breakout tank as defined in Rule 1149(b)(3).

B. If the storage tank is a drain-dry breakout tank as defined in Rule 1149(b)(3), the storage tank shall be maintained in a vapor tight condition outside the tank shell while the roof is resting upon its support legs and shall be monitored monthly.

C. When the storage tank is cleaned or degassed, the equipment used in the cleaning or degassing process shall be free of liquid and vapor leaks as specified in Rule 1149(c)(5).

D. When the storage tank is vented to a vapor control device, the VOC concentration shall be reduced to less than 500 ppmv, as methane, as measured by an organic vapor analyzer using the test method specified in Rule 1149(d)(1).

E. The operator shall keep and maintain the following records as specified in Rule 1149(c)(11): All notifications of degassing events, device number of the storage tank, degassing operator's name and application or permit numbers of the control equipment, storage tank capacity, the flowrate and concentration vented to the degassing equipment, the total amount of VOC processed in the degassing equipment, and all readings as measured according to EPA Reference Test Method 21, as specified in Rule 1149(d).

[RULE 1149, 5-2-2008; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D117]

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The operator shall construct, operate, and maintain this equipment as follows:

A. All roof openings and fittings for the domed external floating roof-type cover shall meet the requirements of Rule 1178 (d)(1)(A)(i) through (d)(1)(A)(xiv), as applicable.

B. The rim seals for the domed external floating roof-type cover shall meet the requirements of Rule 1178 (d)(1)(B)(i) through (d)(1)(B)(xi), as applicable.

C. Complete gap measurements of the rim seal system shall be performed by District certified personnel if the tank is emptied and degassed for a continuous period of 10 days or more. Measurements shall be conducted by District certified personnel in accordance with Rule 1178 Attachment A - Inspection Procedures and Compliance Report Forms. Such complete gap measurements, once completed, shall not be required more frequently than every five years; but it shall be conducted at least once every 10 years.

D. The concentration of organic vapor in the vapor space above the internal floating-type cover shall not exceed 30% of its lower explosive limit (LEL). The LEL levels in the vapor space above the internal floating-type cover shall be measured by District certified personnel on a semiannual basis. Measurements shall be conducted by District certified personnel in accordance with Rule 463 Attachment B - Inspection Procedures and Compliance Report Form, Part E.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D3, D4, D11, D15]

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The VOC emissions from this storage tank shall not exceed 292 pounds in any one calendar month. VOC emissions shall be determined using EPA's Tanks Program 4.09d or other method as approved by the Executive Officer. Calendar monthly throughput of the actual product stored shall be determined pursuant to condition no. E448.1.

For each calendar month, the emissions shall be computed and recorded no later than the 15th day of the following month. Records of monthly emissions and information used to determine such emissions shall be maintained for at least five years and made available to AQMD personnel upon request.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1313(g), 12-7-1995; RULE 1401, 9-10-2010]

[Devices subject to this condition : D3]

E448.6 The operator shall comply with the following requirements:

The concentration of organic vapor in the vapor space above the internal floating-type cover shall not exceed 30% of its lower explosive limit (LEL). The LEL levels in the vapor space above the internal floating-type cover shall be measured by District certified personnel on a semiannual basis. Measurements shall be conducted by District certified personnel in accordance with Rule 463 Attachment B - Inspection Procedures and Compliance Report Form, Part E.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 463, 5-6-2005; RULE 463, 11-4-2011]

[Devices subject to this condition : D117]

E448.7 The operator shall comply with the following requirements:

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The VOC emissions from this storage tank shall not exceed 389 pounds in any one calendar month. VOC emissions shall be determined using EPA's Tanks Program 4.09d or other method as approved by the Executive Officer. Calendar monthly throughput of the actual product stored shall be determined pursuant to condition no. E448.1.

For each calendar month, the emissions shall be computed and recorded no later than the 15th day of the following month. Records of monthly emissions and information used to determine such emissions shall be maintained for at least five years and made available to AQMD personnel upon request.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1313(g), 12-7-1995; RULE 1401, 9-10-2010]

[Devices subject to this condition : D117]

H. Applicable Rules

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

Contaminant	Rule	Rule/Subpart
CO	District Rule	1146

[RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]

[Devices subject to this condition : D1, D2]

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
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FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

VOC	District Rule	463
TOC	40CFR60, SUBPART	Kb
VOC	District Rule	1149
VOC	District Rule	1173

[RULE 1149, 5-2-2008; RULE 1173, 2-6-2009; RULE 463, 11-4-2011; 40CFR 60 Subpart Kb, 10-15-2003]

[Devices subject to this condition : D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D117]

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	464

[RULE 464, 12-7-1990]

[Devices subject to this condition : D24]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 2-6-2009]

[Devices subject to this condition : D55]

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

K. Record Keeping/Reporting

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

A. Materials stored, true vapor pressure and tank throughput.

B. The date and time when the tank roof lands on its legs whenever any organic liquid was emptied from the tank and the date and time when the tank roof subsequently re-floats on organic liquid, as determined visually by an observer.

C. The date and time when the tank is connected with and disconnected from a tank degassing unit.

D. Records demonstrating compliance with Organic Liquid Storage, as stipulated in Rule 463.

E. All records shall be kept on site for at least five years and shall be made available to District personnel upon request.

[RULE 1149, 5-2-2008; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 463, 11-4-2011]

[Devices subject to this condition : D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D117]

K67.7 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Date and time the sump is drained.

Date, time, and OVA reading each time the concentration is measured at the outlet of the carbon adsorber.

Date and time the spent carbon is replaced.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 402, 5-7-1976]

[Devices subject to this condition : D26]

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION E: ADMINISTRATIVE CONDITIONS

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

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
 - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
 - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
 - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION E: ADMINISTRATIVE CONDITIONS

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION E: ADMINISTRATIVE CONDITIONS

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION E: ADMINISTRATIVE CONDITIONS

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION E: ADMINISTRATIVE CONDITIONS

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

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

I. NO_x Monitoring Conditions

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

Not Applicable

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

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

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

Not Applicable

II. NO_x Source Testing and Tune-up conditions

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

2. The operator shall, as applicable, conduct source tests for every large NO_x source no later than June 30, 1997 and every 3 years thereafter. The source test shall include the determination of NO_x concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]
3. All NO_x large sources and NO_x process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

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

I. Recordkeeping Requirements for all RECLAIM Sources

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

II. Reporting Requirements for all RECLAIM Sources

1. The operator shall submit a quarterly certification of emissions including the facility's total NOx or SOx emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2011 & 2012]

NOx Reporting Requirements

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

Not Applicable

**FACILITY PERMIT TO OPERATE
PLAINS WEST COAST TERMINALS LLC**

**SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR
RECLAIM SOURCES**

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

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

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

Not Applicable

**FACILITY PERMIT TO OPERATE
PLAINS WEST COAST TERMINALS LLC**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

NONE

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION I: PLANS AND SCHEDULES

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

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

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

List of approved plans:

Application	Rule
463746	463

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

**FACILITY PERMIT TO OPERATE
PLAINS WEST COAST TERMINALS LLC**

**RULE 463 Inspection and Maintenance Plan Approval
Application Number 463746**

LEGAL OWNER OR OPERATOR: Plains West Coast Terminals LLC

FACILITY LOCATION: 2500 E. Victoria Street, Compton, CA 90220

MAILING ADDRESS: 5900 Cherry Avenue, Long Beach, CA 90805

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 of Rule 463.

It is the responsibility of the facility to comply with other District Rules and Regulations and with all laws, ordinances and regulation 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 or the Rules and Regulations of the AQMD. This plan cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies.

RULE 463 EQUIPMENT:

Domed External Floating Roof Tanks as listed in the submitted plan.

External Floating Roof Tanks as listed in the submitted plan.

Internal Floating Roof Tank as listed in the submitted plan.

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.

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**PLAINS WEST COAST TERMINALS LLC
DOMINGUEZ HILLS FACILITY
2500 E Victoria Street
Compton, CA 90220
Facility ID 800417**

**FLOATING ROOF TANK
INSPECTION AND MAINTENANCE PLAN**

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ATTACHMENTS

Attachment A – Seal Categories

Attachment B – Tank Inspection Report Form

Floating Roof Tank IMP – PLAINS WEST COAST TERMINALS LLC Dominguez Hills Facility

RULE 463 SUMMARY

1. SCAQMD is the South Coast Air Quality Management District
 2. Petroleum tanks larger than 472bbls (19,815 gallons) must be:
 - a) Attached to a vapor recovery system, or
 - b) Fitted with a SCAQMD approved floating roof.
 3. Gasoline tank with capacities between 6 bbls (251 gallons) and 472 bbls (19,815 gallons) must be fitted with a pressure vacuum valve set to within 10% of the tanks maximum allowable working pressure, or is equipped with a vapor loss control device
 4. EXEMPTIONS -- The following tanks do not require emission control equipment:
 - a) All tanks holding product having a vapor pressure of less than 0.5 psia at actual storage conditions
 - b) Tanks smaller than 944 bbls (39,630 gallons) holding petroleum substances having vapor pressure less than 1.5 psia at actual storage conditions
 - c) All non-gasoline tanks smaller than 472 bbls (19,815 gallons)
 5. Gasoline means any refinery product having a Reid Vapor Pressure (RVP) of 200mm HG (3.9 psi) or greater
 6. Floating roof tank seals are categorized as follows:
 - a) Category A seals are deemed BACT and are approved by the District as the most effective. These seals can only be replaced by other Category A seals.
 - b) Category B seals are approved by the District. These seals can be replaced by Category A seals or Category B seals.
 - c) Category C seals are approved by the District and are considered less effective. Category C seals CANNOT be replaced with a Category C seal. They must be replaced with an upgraded, or Category A or B seal.
- SEE ATTACHMENT A for the definitions of A, B, and C floating roof tank seal categories.*
7. Replacement of a seal with a SCAQMD approved seal DOES NOT require a new tank permit
 8. The roof of any internal or external floating roof tank must float on the organic liquid surface at all times (i.e. free of the roof leg supports) except when the tank is being completely emptied for the cleaning or repair. The process of emptying

Floating Roof Tank IMP – PLAINS WEST COAST TERMINALS LLC Dominguez Hills Facility

or refilling, when the roof is resting on the leg supports **MUST BE CONTINUOUS**.

9. Floating roofs for tanks are not allowed when storing:
 - a) Petroleum having a true vapor pressure greater than 569mm HG (11 psia)
10. Certified Inspector is one who has successfully completed the SCAQMD tank self-inspection program, and who holds a certificate issued by the SCAQMD evidencing that such person is in good standing in this program

Floating Roof Tank IMP – PLAINS WEST COAST TERMINALS LLC Dominguez Hills Facility

PLAN SUMMARY

1. The Inspection and Maintenance Plan provides the facility with the:
 - a) Semi-annual tank self-inspection schedule;
 - b) Tank inspection, recording and reporting procedures;
 - c) Tank inspection safety requirements and procedures;
 - d) Floating roof tank inventory
2. The Inspection and Maintenance Plan Filing requirements:
 - a) Revise Plans to accommodate new floating roof tanks, or changes to inspection procedure. Submit Plan revisions to SCAQMD for approval.
3. Floating roof tanks must be inspected twice per calendar year
 - a) Inspection intervals must be no less than 4 months and no greater than 8 months apart
4. Floating roof tank inspectors must be certified by SCAQMD
5. Inspection reports must be submitted to SCAQMD within five (5) business days of completing the tank inspection
6. When conducting a required Rule 463 semi-annual tank inspection and a tank is found to be out of compliance, the tank must be returned to compliance with 72 hours of detection of non-compliance. The following activities shall be performed:
 - a) Note the date and time the tank was found to be out of compliance on the Inspection Procedures and Compliance Report Form.
 - b) Since a telephone report of the deficiency is NOT required by the SCAQMD, it is very important to document the non-compliance as soon as it is discovered. (The enforcement division has stated that a Notice of Violation (NOV) cannot be issued for the duration of the 72 hours.
 - c) During the 72-hour period, the tank is EXEMPT from Rule 463.
 - d) If it is determined that a tank cannot be repaired within 72 hours, contact the Environmental and Regulatory Compliance (E&RC) Department immediately to obtain a compliance variance from SCAQMD.

Floating Roof Tank IMP – PLAINS WEST COAST TERMINALS LLC Dominguez Hills Facility

- e) A written report must be submitted to SCAQMD within 120 hours (5 Calendar days) of detection of tanks non-compliance during the required Rule 463 semi-annual inspection.
7. When conducting routine tank inspections, at any time other than the Rule 463 required semi-annual tank inspections, and a tank is found to be out of compliance, the tank must be returned to compliance within 72 hours of detection of non-compliance. The following activities shall be performed:
- a) Record the date and time the tank was determined to be out of compliance with Rule 463. Record the repair actions taken to return the tank to compliance with Rule 463.
 - b) Retain all records documenting non-compliance and the repair actions taken on file for three (3) years. The records shall be made available to SCAQMD officials upon request.
 - c) During the 72-hour period the tank is EXEMPT from Rule 463.
 - d) If it is determined that a tank cannot be repaired within 72 hours, contact the E&RC Department immediately to obtain a compliance variance from SCAQMD.
 - e) A telephone report to SCAQMD is not required.

Floating Roof Tank IMP – PLAINS WEST COAST TERMINALS LLC Dominguez Hills Facility

REPORT AND NOTIFICATION CONTACTS

1. The facility Inspection and Maintenance Plan, its revisions, and all reports are 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
Fax 909-396-3341

2. Submit Inspection and Compliance Reports to:

South Coast Air Quality Management District
21865 E. Copley Drive
Diamond Bar, California 91765
Fax 909-396-3341

3. All records will be maintained by PLAINS WEST COAST TERMINALS LLC.

PLAINS WEST COAST TERMINALS LLC
5900 Cherry Avenue
Long Beach, California 90805

Floating Roof Tank IMP – PLAINS WEST COAST TERMINALS LLC Dominguez Hills Facility

1.0 INSPECTION AND MAINTENANCE PLAN

SCAQMD requires facilities to maintain a facility specific floating roof tank Inspection and Maintenance Plan (IMP). Rule 463 requires that the IMP delineate the facility's floating roof tank self-inspection program.

1.1 Purpose

This IMP establishes the above ground floating roof tank self-inspection program for PLAINS WEST COAST TERMINALS LLC. The purpose of the IMP is to provide the user the requirements of Rule 463 and to provide information regarding tank self-inspection recording procedures, tank self-inspection schedules, tank inspection safety procedures and the floating roof tank inventory.

1.2 Submission Requirements

Revisions to the IMP are required in order to accommodate newly constructed floating roof tanks, or changes to tank self-inspection procedures. Revised IMPs must be submitted to the SCAQMD for approval.

2.0 FLOATING ROOF TANK INSPECTION CRITERIA

Per Rule 463, the following floating roof tank inspection criteria apply:

- a) Inspect floating roof tanks twice each calendar year.
- b) Visually inspect the roof openings and secondary seals of a floating roof tank each time the tank is emptied and de-gassed, if applicable.
- c) Measure the lower explosive limit (LEL) above the floating roof with an explosimeter each time the tank is emptied and de-gassed. The vapor concentration above the floating roof must be below 30 percent of the LEL.
- d) A SCAQMD Certified Inspector must conduct all tank inspections.

3.0 REPORTING AND RECORD KEEPING

Rule 463 establishes the floating roof tank inspection reporting and record keeping requirements for the floating roof tank self-inspection program. Floating roof tanks must be inspected and maintained in accordance with the SCAQMD approved IMP.

3.1 Tank Inspection Report Form

All floating roof tank inspections must be conducted and reported in accordance with the procedures set forth in Rule 463, See Attachment B.

Floating Roof Tank IMP – PLAINS WEST COAST TERMINALS LLC Dominguez Hills Facility

3.1.1 Tank inspection report submission requirements

- a) The contractor tasked with conducting the floating roof tank inspections for PLAINS WEST COAST TERMINALS LLC will prepare, sign and submit, within 5 business days, the Tank Inspection Procedures and Compliance forms for each floating roof tank inspected.
- b) Submit the completed Tank Inspection and Compliance Reports to the South Coast Air Quality Management District.

NOTE: If a tank inspection is stopped before completion, indicate the reasons why the inspection could not be completed in the comments section of the Tank Inspection and Compliance Form and submit to the SCAQMD within (5) five business days.

- c) The original Tank Inspection and Compliance Form must be submitted to the SCAQMD and copies must be maintained to document compliance.

3.1.2 Tank inspection report certification

The Tank Inspection Procedures and Compliance Report Form must be filled out in its entirety and all three signature lines must be signed by certified tank inspectors. The completed forms shall be submitted to SCAQMD within (5) five business days of completing the floating roof tank inspection.

3.2 Record Keeping Requirements

Maintain records of all floating roof tank self-inspections and repairs for a period of no less than three years. Records shall include:

- a) A copy of the completed Inspection Procedures and Compliance Report Form
- b) The date, time and description of any repairs recorded in section (J) of the Inspection and procedures and Compliance Report Form
- c) The date, time and description of any repairs performed at anytime other than when the semi-annual Rule 463 inspections are conducted.

NOTE: All inspections and repair records shall be made available to the SCAQMD officials upon request

3.3 Documentation of Routine Emissions

Floating Roof Tank IMP – PLAINS WEST COAST TERMINALS LLC Dominguez Hills Facility

Documentation of the following information must be obtained twice annually to enable estimation of emissions.

- a) Reid Vapor Pressure of product(s) stored (test results or MSDS)
- b) Average Storage Temperature if the tank is heated
- c) Tank Throughput
- d) Any time period that the tank is empty
- e) Any period that the tank is out of service (including content of the tank during such period)

3.4 Documentation of Non-Routine Emissions

Documentation of data needed to calculate excess upset emissions must be maintained and provided to the E&RC Department twice annually or as requested by SCAQMD. This includes the following information:

- a) Product changes (includes product name and date of changes)
- b) Repairs (including description and dates)
- c) Tank Degassing
- d) Turnovers

4.0 NOTIFICATION REQUIREMENTS

4.1 Tank Preventive Maintenance, Inspection or Repair

Notify the SCAQMD by telephone if a primary or secondary seal is to be loosened or removed for preventive maintenance, inspection or repair.

The time period the primary or secondary seal may be loosened or removed for preventive maintenance, breakdown, inspection or repair may not exceed 72 hours. Contact the E&RC Department to obtain a variance if the 72 hours will be exceeded.

4.2 Tank Emptying and Refilling

Floating Roof Tank IMP – PLAINS WEST COAST TERMINALS LLC Dominguez Hills Facility

Planned tank maintenance - Written notification to the SCAQMD is required at least two weeks prior to starting a tank emptying or roof re-floating operation for planned tank maintenance.

4.3 Tanks Out Of Compliance

When conducting a required Rule 463 inspection, tanks found out of compliance must be returned to compliance within 72 hours.

- a) Note the date and time the tank was found to be out of compliance on the inspection report form.
- b) A telephone report to SCAQMD is not required.
- c) During the 72-hour period the tank is EXEMPT from Rule 463.
- d) If it is determined that a tank cannot be repaired within the 72 hour period, contact the E&RC Department to obtain a variance from SCAQMD.
- e) A written report must be submitted to SCAQMD within 120 hours (5 calendar days) of detection of tanks non-compliance. The report shall indicate the corrective actions needed to achieve compliance.

5.0 TANK INSPECTION SCHEDULE REQUIREMENTS

Inspect floating roof tanks twice per calendar year at intervals of no less than 4 months apart and no greater than 8 months apart.

PLAINS WEST COAST TERMINALS, LLC tanks that are not landed are scheduled under the semiannual Maintenance Scheduling program. Work orders are automatically generated to ensure that all applicable tanks are inspected within the required time frame. Tank roofs that are landed routinely are inspected every time the roof is re-floated.

6.0 TANK INSPECTOR CERTIFICATION REQUIREMENTS

Per Rule 463, persons conducting floating roof tank inspections must be certified as having completed SCAQMD certification program.

6.1 Contract Inspector Responsibilities

The contractor tasked with conducting the floating roof tank inspections for PLAINS WEST COAST TERMINALS LLC will prepare, sign and submit with 5 business days, the Tank Inspection Procedures and Compliance Forms for each floating roof tank inspected. A PLAINS WEST COAST TERMINALS LLC representative will sign on behalf of PLAINS WEST COAST TERMINALS LLC.

7.0 TANK INSPECTION SAFETY PROCEDURES

Floating Roof Tank IMP – PLAINS WEST COAST TERMINALS LLC Dominguez Hills Facility

Both PLAINS WEST COAST TERMINALS LLC employees and contractors alike follow the tank inspection safety procedures delineated below during each tank inspection. These procedures meet or exceed the safety requirements of both companies as well.

7.1 Tank Inspection Safety Meeting

A safety briefing is given to all inspectors and tank watches to familiarize each person with the safety risks at hand. Facility operators will notify the inspection crew of any unseen or unusual hazards that exist with each tank. The meeting will be given by the contract Supervisor or the PLAINS WEST COAST TERMINALS LLC representative whoever is more readily available.

7.2 Entry onto Open Top Floating Roof Tanks

Tank entry will be followed in accordance with PLAINS WEST COAST TERMINALS LLC's Safety and O&M manual procedures.

8.0 FLOATING ROOF TANK SEAL REPLACEMENT

Seal replacement without permit may only be as follows:

- a) Category A seals are deemed BACT and are approved by the District as the most effective. These seals can only be replaced by other Category A seals.
- b) Category B seals are approved by the District. These seals can be replaced by Category A seals or Category B seals.
- c) Category C seals are approved by the District and are considered less effective. Category C seals CANNOT be replaced with a Category C seal. They must be replaced with an upgraded, or Category A or B seal.

Provided the seal replacement is conducted per the above and provided the seal is on the list of approved seals, no permit modification is required for the seal replacements.

NOTE: Contact the E&RC Department if a seal needs to be replaced with one that is not on the approved list of seals. Floating roof tank seal approval will need to be obtained from the SCAQMD.

9.0 FLOATING ROOF TANK EMPTYING AND RE-FILLING

Notification to the SCAQMD must be made within 2 to 48 hours prior to the start of any tank emptying or roof re-floating operation for the planned maintenance of a tank.

The process of tank emptying or re-filling, when the roof is resting on leg supports, must be continuous.

Floating Roof Tank IMP – PLAINS WEST COAST TERMINALS LLC Dominguez Hills Facility

Degassing is based on the permit conditions.

Rule 463 seal inspections are performed within 24-hours after the tank roof is re-floated.

10.0 FLOATING ROOF TANK INVENTORY

Please see Title V Permit for tank descriptions.

Tank ID	Device ID	Tank Dimensions		Tank Max Cap (bbl)	Products	Shell Type	Floating Roof Type	Seal Types- Primary	Seal Types- Secondary	Tank Color
		Dimensions (height-ft)	Dimensions (diameter-ft)							
1	D4	45	300	500,000	Organic liquids with TVP not to exceed 11 psia	Welded	Domed External	Metallic Shoe	Wiper Type	White
2	D5	40	300	500,000	Heavy fuel oil, gas oil, bunker fuel, crude oil	Welded	External Floating	Metallic Shoe	Wiper Type	White
3	D6	40	300	500,000	Heavy fuel oil, gas oil, bunker fuel, crude oil	Welded	External Floating	Metallic Shoe	Wiper Type	White
4	D7	40	300	500,000	Heavy fuel oil, gas oil, bunker fuel, crude oil	Welded	External Floating	Metallic Shoe	Wiper Type	White
5	D8	41.7	299	500,000	Heavy fuel oil, gas oil, bunker fuel, crude oil	Welded	External Floating	Metallic Shoe	Wiper Type	White
6	D9	40	300	500,000	Heavy fuel oil, gas oil, bunker fuel, crude oil	Welded	External Floating	Metallic Shoe	Wiper Type	White
7	D10	40	199	220,000	Heavy fuel oil, gas oil, bunker fuel, crude oil	Welded	External Floating	Metallic Shoe	Wiper Type	White
8	D11	40	199	220,000	Organic liquids with TVP not to exceed 11 psia	Welded	Domed External	Metallic Shoe	Wiper Type	White
9	D12	40	199	220,000	Heavy fuel oil, gas oil, bunker fuel, crude oil	Welded	External Floating	Metallic Shoe	Wiper Type	White
10	D13	40	143.5	115,000	Heavy fuel oil, gas oil, bunker fuel, crude oil	Welded	External Floating	Metallic Shoe	Wiper Type	White
11	D14	40	143.5	115,000	Heavy fuel oil, gas oil, bunker fuel, crude oil	Welded	External Floating	Metallic Shoe	Wiper Type	White
12	D15	40	143.5	115,000	Organic liquids with TVP not to exceed 11 psia	Welded	Domed External	Metallic Shoe	Wiper Type	White
13	D3	40	95	50,000	Organic liquids with TVP not to exceed 11 psia	Welded	Domed External	Metallic Shoe	Wiper Type	White
14	D117	40	95	50,000	Organic liquids with TVP not to exceed 11 psia	Welded	Internal Floating	Metallic Shoe	Wiper Type	White

ATTACHMENT A

FLOATING ROOF TANK SEAL CATEGORIES

PRIMARY SEALS

<u>Category A</u>	<u>Category B</u>	<u>Category C</u>
1. Liquid mounted multiple wipers with drip curtain and weight	1. Liquid mounted single wiper with drip curtain and weight	1. Liquid mounted single wiper
2. Liquid mounted mechanical shoe	2. Liquid mounted double foam wipers with vapor curtain	2. Liquid mounted foam log
	3. Vapor mounted primary wiper	3. Liquid mounted foam log with vapor curtain
	4. Vapor mounted E wiper	4. Liquid mounted resilient toroid type liquid filled log
	5. Vapor mounted double wipers	5. Vapor mounted foam log/bag
	6. Vapor mounted double foam wipers	6. Vapor mounted foam wiper
	7. Vapor mounted multiple wipers	

SECONDARY SEALS

<u>Category A</u>	<u>Category B</u>	<u>Category C</u>
1. Multiple wipers	1. Single wiper	1. Liquid mounted wiper
		2. Foam log/bag
		3. Maloney

Criteria used for categorization of floating roof tank seals:

1. Emission control effectiveness design
2. Ability to maintain contact with tank wall
3. Longevity in service

ATTACHMENT B**INSPECTION PROCEDURES AND COMPLIANCE REPORT FORM**Equipment Needed:

Explosimeter (for internal floating roof tanks), liquid resistant measuring tape or device, tank probe (to measure gaps in tank seals - 1/8 inch, 1/2 inch, 1-1/2 inch), flashlight.

Inspection Procedures:

1. The findings of all tank self-inspections, whether completed or not, shall be recorded on the Rule 463 Compliance Report form prescribed by the Executive Officer and submitted to the District's Refinery Section in accordance with the rule's requirements. If an inspection is stopped before completion, indicate the reason for this action in the Comments section of the compliance report form.
2. During compliance inspection, the person(s) conducting the inspection must have a copy of the Permit to Operate or Permit to Construct pertinent to the tank being inspected. Any discrepancies between the permit equipment description and the existing tank or the permit conditions and the actual operating conditions of the tank as verified during inspection must be recorded in the Comments section of the compliance report form.
3. Inspect the ground level periphery of each tank for possible leaks in the tank shell. Complete the tank information section (D) on the report.
4. For floating roof tanks containing organic liquid not subject to the provisions of subdivision (c) of Rule 463, conduct only steps 1 through 3 of this attachment. For all other floating roof tanks, conduct steps 5 through 7 as applicable.
5. For external floating roof tanks:
 - o From the platform, conduct an overall visual inspection of the roof and check for obvious permit or rule violations. Record the information as shown under section F of the compliance report form.
 - o During visual inspection of the roof, check for unsealed roof legs, open hatches, open emergency roof drains or vacuum breakers and record the findings on the report accordingly. Indicate presence of any tears in the fabric of both seals.
 - o After the visual inspection, conduct an inspection of the entire secondary seal using the 1/8" and 1/2" probes. Record the gap data in section F(4) of the report.
 - o Conduct an inspection of the entire primary seal using the 1/8", 1/2", and 1 1/2" probes. Inspect the primary seal by holding back the secondary seal. Record the gap data in section F(5) of the report.

- o Record all cumulative gaps between 1/8 inch and 1/2 inch; between 1/2 inch and 1-1/2 inch; and in excess of 1-1/2 inches, for both primary and secondary seals in section G of the report. Secondary seal gaps greater than 1/2 inch should be measured for length and width, and recorded in Comments under section (J) of the report.
6. For internal floating roof tanks:
- o Using an explosimeter, measure the concentration of the vapor space above the internal floating roof in terms of lower explosive limit (LEL), and record the reading in section (E) of the report.
 - o Conduct a visual inspection of the roof openings and the secondary seal, if applicable, and record findings on the report.
7. Complete all necessary calculations and record all required data accordingly on the report.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
RULE 463 COMPLIANCE REPORT

****PLEASE COMPLETE FORM LEGIBLY IN BLACK INK****

Tank No. _____ SCAQMD Permit No. _____ Inspection Date _____ Time _____
Is This a Follow-up Inspection? No Yes If yes, Date of Previous Inspection _____

A. COMPANY INFORMATION:

Company Name _____
Location Address _____ City _____ Zip _____
Mailing Address _____ City _____ Zip _____
Contact Person _____ Title _____
Phone _____

B. INSPECTION CONDUCTED BY:

Name _____ Title _____
Company Name _____ Phone _____
Mailing Address _____ City _____ Zip _____

C. TANK INFORMATION:

Capacity _____ (bbls) Installation Date _____ Tank Diameter _____ (ft) Tank Height _____ (ft)
Product Type _____ Product RVP _____
Type of Tank: Riveted Welded Other (describe) _____
Color of Shell _____ Color of Roof _____
Roof Type: Pontoon Double Deck Other(describe) _____
External floating roof Internal floating roof

D. GROUND LEVEL INSPECTION:

1) Product Temperature _____ °F 2) Product level _____ (ft)
3) List type and location of leaks found in tank shell.

4) List any discrepancies between the existing equipment and the equipment description on the Permit.

5) Is tank in compliance with Permit conditions? No Yes If no, explain _____

E. INTERNAL FLOATING ROOF TANK:

1) Check vapor space between floating roof and fixed roof with explosimeter. _____ % LEL
2) Conduct visual inspection of roofs and secondary seals, if applicable.
3) Are all roof openings covered? No Yes If no, explain in Comments section (J) and proceed to part (H)(6).

F. EXTERNAL FLOATING ROOF TANK:

- 1) On the diagram (below) indicate the location of the ladder, roof drain(s), anti-rotation device(s), platform, gauge well, and vents or other appurtenances. *Note information in relation to North (to the top of the worksheet).*
- 2) Describe any uncovered openings found on the roof in the Comments section (J).
- 3) Identify any tears in the seal fabric. Describe and indicate on diagram (below):

4) Secondary Seal Inspection

- a) Type of Secondary Seal: _____
- b) Does 1/2" probe drop past seal? No Yes if yes, measure length(s) and show on diagram
- c) Does 1/8" probe drop past seal? No Yes if yes, measure length(s) and show on diagram.
- d) Record dimensions of gap for gaps > 1/8" _____ > 1/2" _____

NOTE: Record the actual width and cumulative length of gaps in feet and inches.

(Do not include gaps > 1/2" in 1/8" measurements)

5) Primary Seal Inspection

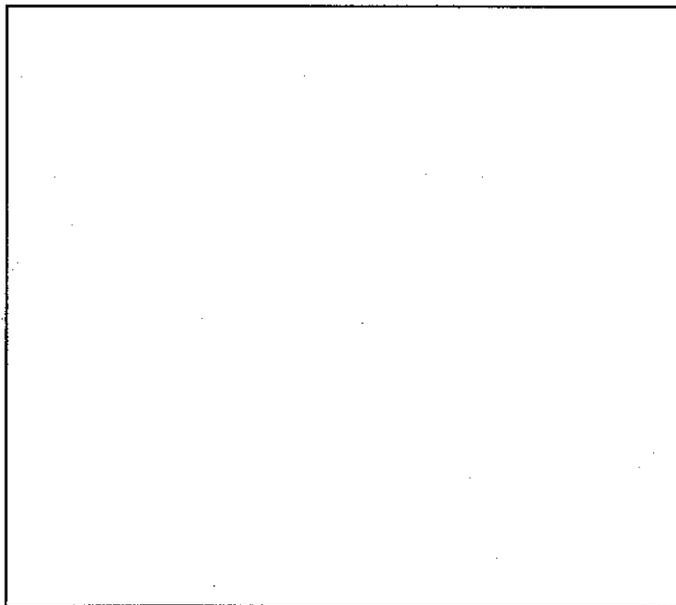
- a) Type of Primary Seal: Shoe; Tube; Other _____
- b) (shoe seal) does 1-1/2" probe drop past seal? No Yes ; if yes, measure length(s) and show on diagram.
- c) (shoe seal) does 1/2" probe drop past seal? No ; Yes ; if yes, measure length(s) and show on diagram.
- d) (tube seal) does 1/2" probe drop past seal? No Yes if yes, measure (length(s) and show on diagram.
- e) (all seal types) does 1/8" probe drop past seal? No Yes if yes, measure (length(s) and show on diagram.
- f) Record dimensions of gaps for gaps > 1/8" _____ > 1/2" _____

> 1-1/2" _____ NOTE: Record the actual width and cumulative length of gaps in feet and inches.

(Do not include gaps > 1/2" in 1/8" measurements, or gaps > 1-1/2" in 1/2" measurements)

NOTE: Show defects using symbols. Show seal gaps and lengths.

N



LEGEND:

Equipment:

- Antirotational device
- O Gauge well
- T Leg stand
- ⊗ Roof drain
- * Emergency roof drain
- ∞ Vacuum breaker
- σ Vent
- Platform & ladder

Defects:

- ⊖ Leg top
- † Leg pin
- σ Open hatch
- ∨ Torn seal
- P- Primary seal gap
- S- Secondary seal gap

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
RULE 463 COMPLIANCE REPORT

****PLEASE COMPLETE FORM LEGIBLY IN BLACK INK****

Tank No. _____ SCAQMD Permit No. _____

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IF INTERNAL FLOATING ROOF TANK, PROCEED TO PART H(6).

G. CALCULATIONS - complete all applicable portions of the following:

Record dimensions of indicated gaps [from F(4)(d), F(5)(b), and F(5)(f)]. Record in feet and inches.

Gaps in primary seal between 1/8 and 1/2 inch: _____
 Gaps in primary seal between 1/2 and 1-1/2 inch: _____
 Gaps in primary seal greater than 1-1/2 inches: _____
 Gaps in secondary seal between 1/8 and 1/2 inch: _____
 Gaps in secondary seal greater than 1/2 inch: _____

Multiply diameter (ft) of tank to determine appropriate gap limits:

5% circumference = diameter X 0.157 = _____ 60% circ. = diam. X 1.88 = _____
 10% circumference = diameter X 0.314 = _____ 90% circ. = diam. X 2.83 = _____
 30% circumference = diameter X 0.942 = _____ 95% circ. = diam. X 2.98 = _____

H. DETERMINE COMPLIANCE STATUS OF TANK:

- 1) Were any openings found on the roof? No Yes
- 2) Were any tears in the seals found? No Yes
- 3) Is the product level lower than the level at which the roof would be floating? No Yes
- 4) Secondary Seal:
 - Did 1/2" probe drop between shell and seal? No Yes
 - Did cumulative 1/8" - 1/2" gap exceed 95% circumference length? No Yes
- 5) Primary Seal
 - Shoe
 - Did 1-1/2" probe drop between shell and seal? No Yes
 - Did cumulative 1/2" - 1-1/2" gap exceed 30% circumference length, and
 - Did cumulative 1/8 - 1/2" gap exceed 60% circumference length? No Yes
 - Did any single continuous 1/8" - 1-1/2" gap exceed 10% circ. length? No Yes
 - Tube
 - Did 1/2" probe drop between shell and seal? No Yes
 - Did cumulative 1/8" - 1/2" gap exceed 95% circumference length? No Yes
- 6) Internal floating roof (installed before 6/1/84) did LEL exceed 50% No Yes
 (installed after 6/1/84) did LEL exceed 30%? No Yes
- 7) Does tank have permit conditions? No Yes
 Does tank comply with these conditions? No Yes

I. IF INSPECTION WAS TERMINATED PRIOR TO COMPLETION FOR ANY REASON, PLEASE EXPLAIN:

**FACILITY PERMIT TO OPERATE
PLAINS WEST COAST TERMINALS LLC**

SECTION J: AIR TOXICS

NOT APPLICABLE

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION K: TITLE V Administration

GENERAL PROVISIONS

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

Permit Renewal and Expiration

3. (A) Except for solid waste incineration facilities subject to standards under section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]

(B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

Duty to Provide Information

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

Payment of Fees

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION K: TITLE V Administration

Reopening for Cause

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

COMPLIANCE PROVISIONS

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

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION K: TITLE V Administration

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION K: TITLE V Administration

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION K: TITLE V Administration EMERGENCY PROVISIONS

17. An emergency¹ constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limit only if:

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

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

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

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

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

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

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

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

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

SECTION K: TITLE V Administration RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:
- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
 - (B) The date(s) analyses were performed;
 - (C) The company or entity that performed the analyses;
 - (D) The analytical techniques or methods used;
 - (E) The results of such analyses; and
 - (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]
20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]
21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:
- (A) Breakdowns shall be reported as required by Rule 430 – Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

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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;

FACILITY PERMIT TO OPERATE PLAINS WEST COAST TERMINALS LLC

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- (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 PLAINS WEST COAST TERMINALS LLC

SECTION K: TITLE V Administration

FACILITY RULES

This facility is subject to the following rules and regulations

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

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 109	5-2-2003	Federally enforceable
RULE 1113	7-13-2007	Federally enforceable
RULE 1113	9-6-2013	Non federally enforceable
RULE 1146	11-17-2000	Federally enforceable
RULE 1146	9-5-2008	Non 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 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1313(g)	12-7-1995	Federally enforceable
RULE 1401	9-10-2010	Non federally enforceable
RULE 1402	3-4-2005	Non federally enforceable
RULE 2002	1-7-2005	Federally enforceable
RULE 2002	11-5-2010	Non federally enforceable
RULE 2005	6-3-2011	Federally enforceable
RULE 2007	4-6-2007	Non federally enforceable
RULE 2012	5-11-2001	Federally enforceable
RULE 204	10-8-1993	Federally enforceable

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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
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	12-12-1997	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-5-2010	Non federally enforceable
RULE 301	5-2-2008	Non federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 463	11-4-2011	Federally enforceable
RULE 463	5-6-2005	Federally enforceable
RULE 464	12-7-1990	Federally enforceable
RULE 481	1-11-2002	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 60 Subpart Kb	10-15-2003	Federally enforceable

**FACILITY PERMIT TO OPERATE
PLAINS WEST COAST TERMINALS LLC**

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

NONE

**FACILITY PERMIT TO OPERATE
PLAINS WEST COAST TERMINALS LLC**

APPENDIX B: RULE EMISSION LIMITS

NOT APPLICABLE