



South Coast Air Quality Management District

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May 27, 2011

Mr. Eric Daley
Environmental Planning Supervisor
BP West Coast Products LLC
P.O. Box 6210
Carson, CA 90749-6210

Subject: Revised Final Title V Facility Permit for BP West Coast Products LLC, Facility ID #131003

Dear Mr. Daley:

Please find attached the revision to your Title V Facility Permit for the BP Carson Refinery located at 2350 E. 223rd Street, Carson, California. The attached revision includes the following sections:

- Title Page (revision #71)
- Table of Contents (revision #71)
- Section D (revision #27)

The revised section D of the permit reflects the inclusion of the following applications approved for Permit to Operate:

Section D (Permit-to-Operate) – Significant Revision

Appl. No.	Description	Device	Process	System
471290	Wastewater Treatment System No. 7; Modification of wastewater treatment system consisting of upgrade of carbon adsorbers to larger capacity canisters and change of frequency for VOC emissions monitoring.	D994, D995, D997, D998, D999, C1002, C1632, D1634	15	4
471291	Wastewater Treatment System No. 8; Modification of wastewater treatment system consisting of upgrade of carbon adsorbers to larger capacity canisters and change of frequency for VOC emissions monitoring.	All Devices	15	5

A draft permit including above permit changes was issued for EPA's 45-day review on March 18, 2011 and for public review on March 24, 2011. No comments were received.

Section D (Permit-to-Operate) – Minor Revision

Appl. No.	Description	Device	Process	System
471293	Sump, Shops Area, Venting to Carbon Adsorber; Standardize permits, including: adsorber capacity, series connection of canisters, description as "Carbon Adsorbers," revision of breakthrough conditions, and uniform application of other permit conditions.	D2747, C2748	15	9
471295	Sump, Serving Tank 19/20 Basin, Venting to Carbon Adsorber; Standardize permits, including: adsorber capacity, series connection of canisters, description as "Carbon Adsorbers," revision of breakthrough conditions, and uniform application of other permit conditions.	D2752, C2753	15	9

Appl. No.	Description	Device	Process	System
471296	Sump, #4 Steam Plant Tag #0100 Sump, Venting to Carbon Adsorber; Standardize permits, including: adsorber capacity, series connection of canisters, description as "Carbon Adsorbers," revision of breakthrough conditions, and uniform application of other permit conditions.	D2757, C2758	15	9
471298	Sump, Serving Reservoir 502 Valve Boxes and/or Drain Box, Venting to Carbon Adsorber; Standardize permits, including: adsorber capacity, series connection of canisters, description as "Carbon Adsorbers," revision of breakthrough conditions, and uniform application of other permit conditions.	D2759, C2760	15	9
471299	Sump, S&H Tag #0182S Sump, Venting to Carbon Adsorber; Standardize permits, including: adsorber capacity, series connection of canisters, description as "Carbon Adsorbers," revision of breakthrough conditions, and uniform application of other permit conditions.	D2761, C2762	15	9
471300	Sump, Pumpsfab Tag #000 Sump & Pumpsfab Tag #0217 Sump, Venting to Carbon Adsorber; Standardize permits, including: adsorber capacity, series connection of canisters, description as "Carbon Adsorbers," revision of breakthrough conditions, and uniform application of other permit conditions.	D2754, D2755, C2756	15	9
471301	Sump, No. 5 Flare Pit Sump, Venting to Carbon Adsorber; Standardize permits, including: adsorber capacity, series connection of canisters, description as "Carbon Adsorbers," revision of breakthrough conditions, and uniform application of other permit conditions.	D2787, C2788	15	9
471302	Wastewater Treatment System No. 1; Standardize permits, including: adsorber capacity, series connection of canisters, description as "Carbon Adsorbers," revision of breakthrough conditions, and uniform application of other permit conditions.	All Devices	15	1
471303	Wastewater Treatment System No. 4; Standardize permits, including: adsorber capacity, series connection of canisters, description as "Carbon Adsorbers," revision of breakthrough conditions, and uniform application of other permit conditions.	All Devices	15	2
471305	Sump, Serving Oily Water Stripper Unit, Venting to Carbon Adsorber; Standardize permits, including: adsorber capacity, series connection of canisters, description as "Carbon Adsorbers," revision of breakthrough conditions, and uniform application of other permit conditions.	D2811, C2812	15	9
471306	Wastewater Final Treatment System No. 9 & 5; Standardize permits, including: adsorber capacity, series connection of canisters, description as "Carbon Adsorbers," revision of breakthrough conditions, and uniform application of other permit conditions.	All Devices	15	6
471308	Carbon Adsorbers, Portable, Used for Odor Control; Standardize permits, including: adsorber capacity, series connection of canisters, description as "Carbon Adsorbers," revision of breakthrough conditions, and uniform application of other permit conditions.	C2445	21	8

A draft permit for the proposed minor revision was also issued for EPA's 45-day review on March 11, 2011. No comments were received.

In addition to permit amendments described above, the enclosed section D contains the following administrative changes:

Section D (Permit-to-Operate) – Administrative Revision

Appl. No.	Description	Device	Process	System
450144	Crude Oil Distillation Charge Heater, No. 4—Conversion Permit to Construct, for replacement of the burners, into a Permit to Operate	D31	1	4
474553	West IGF Effluent Sump—Conversion of Permit to Construct, for venting the sump to an existing carbon adsorber (C2446), into a Permit to Operate	C2446, D2835	15	9
474554	Cooling Tower Blowdown Sumps—Conversion of Permit to Construct, for venting the sumps to a new carbon adsorber (C2886), into a Permit to Operate	D1058, D1059, D2834, C2886	15	9

The following administrative corrections and clarifications were also made to section D:

1. Condition A63.11 has been replaced with an identical condition A63.33 as condition A63.11 was inadvertently deleted.
2. Conditions E17.1 and E226.1 are deleted from the permit. These conditions are no longer relevant with the permanent removal of Boiler No. 42 from service. The permit of the boiler was previously deleted from Section D.
3. Device D1273 is removed from condition J110.1. This equipment was permanently taken out of service and its permit was previously deleted from Section D.
4. Conditions I296.1 and I296.2 have been revised to state “12 months of operation” and “start of operation” instead of “compliance year of operation” to be consistent with Rule 2005.

Above Title V permit significant revision and minor revision are covered under applications A/N 519033 and 514155, respectively. Please review the attached section carefully. Insert the enclosed section into your Title V Facility Permit and discard the earlier version. Questions concerning changes to your permit should be directed to Mr. Rafik Beshai at (909) 396-3611 or by email at rbeshai@aqmd.gov.

Sincerely,

Jay Chen
Senior Engineering Manager
Refinery, Waste Management and Terminals Permitting
Office of Engineering & Compliance

JC:KN:HL:RB
Enclosure

cc: Gerardo C. Rios, U.S. EPA (via email to R9AirPermits_SC@epa.gov)
Edwin Pupka, Compliance, SCAQMD
Application Files
Central Permit File