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

December 15, 2011

Mr. Craig Sakamoto
Environmental Group Leader
ExxonMobil Oil Corporation
3700 W 190th Street
Torrance, CA 90504

SUBJECT: Revised Final Title V Facility Permit for ExxonMobil Oil Corporation, Torrance Refinery (Facility ID #800089)

Dear Mr. Sakamoto:

Please find attached the revision to your Title V Facility Permit for ExxonMobil Torrance Refinery located at 3700 W 190th St, Torrance, California. The attached revision includes the following sections:

- Title Page (revision #93)
- Table of Contents (revision #93)
- Section A (Revision #10)
- Section B (Revision #29)
- Section D (Revision #41)

The Facility Permit reflects the inclusion of the following administrative changes and applications approved for permits:

Section A (Facility Information) – Administrative Revision

As requested by ExxonMobil, the information for responsible official and contact person has been updated as shown in the new Section A.

Section B (RECLAIM Annual Emission Allocation) – Administrative Revision

On September 5, 2002, the South Coast Air Quality Management District (AQMD) issued your facility a Clean Fuels Plan (A/N 400457) pursuant to Rule 2002(c)(12). Under the approved Plan, your facility annual allocations was increased by 25,115 pounds of NOx and 4,884 pounds of SOx for Compliance Years 2001 and forward which is equal to the calculated emission increases expected from the modifications required solely to comply with the state or federal reformulated gasoline requirements at your refinery.

As a result of the amendment to Rule 2002 in January 2005 to further reduce RECLAIM NOx Allocations, the NOx historical baseline Clean Fuel Adjustments for Compliance Year 2007 and subsequent years were reduced by the appropriate adjustment factors as stated in Rule 2002(f)(1)(A). For Compliance Year 2010, ExxonMobil's NOx RTCs issued pursuant to Rule 2002(c)(12) was reduced from 25,115 pounds to 20,142 pounds.

AQMD reviewed the data you provided in your facility's Compliance Year 2010 APEP report and calculated, using the equations in your approved Clean Fuels Plan, total NOx emission increase of 18,978 pounds and a total SOx emission increase of 3,770 pounds. Pursuant to Rule 2002(c)(12) and the approved plan, your facility's Compliance Year 2010 NOx Allocation is hereby decreased by 1,164 pounds (18,978 lbs. – 20,142 lbs.) and your facility's Compliance Year 2010 SOx Allocation is hereby decreased by 1,114 pounds (3,770 lbs. – 4,884 lbs.).

In accordance to the conditions of your approved Plan, your Allocations for Compliance Year 2010, after these adjustments, will be used to determine compliance with Rule 2004(d) – Prohibition of Emissions in Excess of Annual Allocation. Finally, the enclosed Revision #29 of Section B is issued to reflect these Clean Fuels allocation adjustments prior to determining compliance with your Allocations.

Section D (Permit to Operate) – Minor Revision

AN	Description	Device	Process/ System
510396	Atmospheric Crude Unit Heater 1F-1 – Two bypass stacks	D913, S2425, S1731	1/6
510397	Vacuum Crude Unit Heater 1F-2 – Two bypass stacks	D914, S2426, S1731	1/6
515123	Platforming Unit Heater 19F-1 – Two bypass stacks	D924, S2427	5/5

The draft permits for the heaters were issued for EPA's 45-day review on October 21, 2011. No comment was received from the EPA.

Section D: Administrative Change

The following administrative changes have been incorporated since the last issuance of your Title V facility permit:

- Storage Tank 800x130 (device D711): deleted this device from the permit. ExxonMobil informed the District on February 11, 2011 that this tank has been permanently taken out of service.
- Storage Tank 800x131 (device D712): deleted this device from the permit. ExxonMobil informed the District on September 29, 2011 that this tank has been permanently taken out of service.
- Storage Tank 800x135 (device D713): deleted this device from the permit. ExxonMobil informed the District on October 3, 2011 that this tank has been permanently taken out of service.
- Storage Tank M-1 (device D1929): deleted this device from the permit. ExxonMobil informed the District on April 13, 2011 that this tank has been permanently taken out of service.
- Compressors 22K-40 & 22K-41 (devices D985 & D986) and fugitive emissions device D1892: updated the application number from A/N 465674 to A/N 471345. The old application number was superseded by the new number, but these devices were not updated in the last revision of Section D.

This Title V permit revision is covered under AN 510398. Please review the attached sections carefully. Insert the enclosed sections into your Title V Facility Permit and discard the earlier version. Questions concerning changes to your permit should be directed to Mr. Don Nguyen at (909) 396-2352 or dnguyen@aqmd.gov for Section B, Ms. Ngoc Tran at (909) 396-2606 or ntran@aqmd.gov for Section D minor revision, and Ms. Yan Yang at (909) 396-3073 or yyang@aqmd.gov for Section D administrative change.

Sincerely,

Jay Chen, P.E.
Senior AQ Engineering Manager
Refinery/Waste Management/Terminals Permitting
Engineering & Compliance

JC:TV:KN:DN:NT
Enclosure
cc: Gerardo C. Rios, U.S. EPA (via email to R9AirPermits_SC@epa.gov)
Edwin Pupka (Compliance, SCAQMD)
Application File
Central Permit File