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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 16, 2013

MR RICK L. ROBERTS
SENIOR VICE PRESIDENT
CHEVRON PHILLIPS CHEMICAL COMPANY, LP
10001 SIX PINES DR ROOM 6028
THE WOODLANDS TX 77380-1498

Re: Effective Permit Approval
Renewal
Permit Number: O2113
Chevron Phillips Chemical Company, LP
Ethylene Unit (EU 1592) & Utilities
Baytown, Harris County
Regulated Entity Number: RN103919817
Customer Reference Number: CN600303614
Account Number: HG-0310-V

Dear Mr. Roberts:

The effective federal operating permit (FOP) for Chevron Phillips Chemical Company, LP, Ethylene Unit (EU 1592) & Utilities is enclosed. This FOP constitutes authority to operate the emission units identified in the FOP application. On October 30, 2009, the Environmental Protection Agency (EPA) notified the Texas Commission on Environmental Quality (TCEQ) of objections to the issuance of the FOP. The TCEQ responded to EPA objections on September 13, 2010. On May 7, 2013, the EPA informed the TCEQ that there were no additional comments on FOP O2113.

All site operating permits are subject to public petition for 60 days following the expiration of the 45-day U.S. Environmental Protection Agency (EPA) review. The public petition period for the FOP extended from October 31, 2009 until December 29, 2009. If the EPA receives a valid petition and objects to the above-referenced permit, you will be notified promptly by the Texas Commission on Environmental Quality (TCEQ).

Please note, changes have been made to the permit since commencement of the public notice period. A detailed explanation of these changes is enclosed.

It should be noted that from the date of this letter, Ethylene Unit (EU 1592) & Utilities must operate in accordance with the requirements of Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122) and the FOP. Some of the terms and conditions contained in the FOP include recordkeeping conditions, reporting conditions (which includes deviation reporting), and compliance certification conditions. All reports, along with any questions regarding the reports, shall be forwarded to the Texas Commission on Environmental Quality, Houston Regional Office, 5425 Polk St Ste H, Houston, Texas 77023-1452.

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Consistent with 30 TAC Chapter 122, Subchapter C, the permit holder shall submit an application to the Air Permits Division (APD) for a revision to an FOP for those activities at a site which change, add, or remove one or more FOP terms or conditions. The permit holder shall also submit an application to the APD for a revision to a permit to address the following: the adoption of an applicable requirement previously designated as federally enforceable only; the promulgation of a new applicable requirement; the adoption of a new state-only requirement; or a change in a state-only designation.

Thank you again for your cooperation in this matter. If you have questions concerning the review or this notice, please contact Ms. Whitney Hill at (512) 239-1301.

This action is taken under authority delegated by the Executive Director of the TCEQ.

Sincerely,



Michael Wilson, P.E., Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

MPW/wh

cc: Mr. Philip S. Crepinsek, Environmental Engineer, Chevron Phillips Chemical Company,
LP, Baytown
Mr. Van G. Long, General Manager, Manufacturing, Chevron Phillips Chemical Company,
LP, Baytown
Director, Harris County, Pollution Control Services, Pasadena
Air Section Manager, Region 12 - Houston

Enclosures: Effective Permit
Modifications Made from Draft to the Final Permit

cc: Air Permit Section Chief, U.S. Environmental Protection Agency, Region 6, Dallas

Project Number: 13303

Modifications Made from the Draft to the Final Permit

- General Terms and Conditions have been updated to include a paragraph specifying records are kept for 5 years and that the 5 year requirement supersedes less stringent requirements that may be specified in underlying NSR authorizations.
- Special Term and Condition 3 for the site-wide applicability of stationary vents to 30 TAC §111.111(a)(1)(B). The stationary vents listed with applicability to §111.111(a)(1)(B) were removed from the applicable requirements summary and the unit summary tables.
- Special Term and Condition 12 was added to the permit with site-wide and unit specific requirements for 40 CFR Part 63, Subpart YY.
- Special Term and Condition 13 which requires that records be kept to demonstrate compliance with emission limits or standards specified in Standard Permits or PBRs has been added.
- Special Term and Condition 3 has been modified and now lists vents subject to §111.111(a)(1)(A). These vents were also added to the NSR Authorization References by Emission Unit Attachment.
- Special Term and Condition 16 has been revised to include citation 30 TAC § 122.146
- Applicability to 40 CFR Part 60, Subpart IIII and Part 63, Subpart ZZZZ was added to GA-809
- Applicability to 40 CFR Part 63, Subpart ZZZZ was added to the engines GA-912c, GA-912B, GA-920A, GA-920B, GE-800, P-111B, PU-752, and GE-930.
- The Major Source Summary Table was added for the NSR permit PSD-TX-748.
- The 30 TAC Chapter 117, Subchapter B requirements for GA-809, GA-912c, GA-912B, GA-920A, and GA-920B were updated to reflect the current applicability.
- Several with unit representations were revised and duplicate applicability was removed from the permit.