EXECUTIVE SUMMARY - ENFORCEMENT MATTER
DOCKET NO.: 2006-0328-MLM-E TCEQ ID: RN100211879 CASE NO.: 28867
RESPONDENT NAME: SHELL CHEMICAL LP AND SHELL OIL COMPANY

ORDER TYPE:		
_1660 AGREED ORDER	X FINDINGS AGREED ORDER	__FINDINGS ORDER FOLLOWING SOAH HEARING
__FINDINGS DEFAULT ORDER	__SHUTDOWN ORDER	__IMMINENT AND SUBSTANTIAL ENDANGERMENT ORDER
__AMENDED ORDER	__EMERGENCY ORDER	

CASE TYPE:		
_X_AIR	_X_MULTI-MEDIA (check all that apply)	_X_INDUSTRIAL AND HAZARDOUS WASTE
__PUBLIC WATER SUPPLY	__PETROLEUM STORAGE TANKS	__OCCUPATIONAL CERTIFICATION
__WATER QUALITY	__SEWAGE SLUDGE	__UNDERGROUND INJECTION CONTROL
__MUNICIPAL SOLID WASTE	__RADIOACTIVE WASTE	__ DRY CLEANER REGISTRATION

SITE WHERE VIOLATION(S) OCCURRED: 5900 Highway 225, Deer Park, Harris County

TYPE OF OPERATION: Chemical Plant

SMALL BUSINESS: ____ Yes _X_ No

OTHER SIGNIFICANT MATTERS: There are no complaints. As of September 29, 2008, there were five pending enforcement actions regarding this facility location: Docket Nos. 2007-1218-AIR-E; 2008-0635-AIR-E; 2008-0283-AIR-E; 2007-0837-AIR-E; and 2008-1092-AIR-E.

INTERESTED PARTIES: Environment Texas and Sierra Club ("the Citizen Groups") have expressed an interest in this matter. The Citizen Groups sent a Notice of Intent to file a lawsuit to Shell in a letter dated October 10, 2007. On January 1, 2008, the Citizen Groups filed a citizen suit against Shell in the United States District Court Southern District of Texas, Houston Division for alleged violations of the Clean Air Act.

COMMENTS RECEIVED: The *Texas Register* comment period expired on May 12, 2008. No comments were received.

CONTACTS AND MAILING LIST:

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Respondent's Attorney: Mr. Arnoldo Medina, Sr. Legal Counsel, Shell Legal US-Regulatory Matters, One Shell Plaza, OSP 4860, 901 Louisiana Street, PO Box 2463, Houston, TX 77002

VIOLATION SUMMARY CHART:

VIOLATION INFORMATION	PENALTY CONSIDERATIONS	CORRECTIVE ACTIONS TAKEN/REQUIRED
Type of Investigation: ___ Complaint _X_ Routine ___ Enforcement Follow-up _X_ Records Review **Date of Complaint Relating to this Case:** None **Dates of Investigation Relating to this Case:** March 10, 2004; August 5, 2004; February 16, 2005; March 10, 2005; April 4, 2005; May 9-11, 2005; August 22, 2005; December 1, 2005; January 3, 2006; January 25, 2006; May 23, 2006; May 24, 2006; June 6, 2006; June 13, 2006; June 22, 2006; June 23, 2006; July 12, 2006; July 26, 2006; August 16, 2006; August 21, 2006; August 28, 2006 **Dates of NOEs Relating to this Case:** November 30, 2005; March 23, 2006; April 20, 2006; April 24, 2006; April 26, 2006; May 10, 2006; June 9, 2006; June 15, 2006; June 23, 2006; July 11, 2006; July 31, 2006; August 9, 2006; August 14, 2006; August 16, 2006; August 18, 2006; August 31, 2006; October 9, 2006; October 13, 2006; October 31, 2006; December 21, 2006; January 19, 2007; February 16, 2007; February 23, 2007; March 1, 2007 **Background Facts:** On February 15, 2008, Litigation mailed a proposed Agreed Order to the Respondent. On May 7, 2008, the Respondent signed and returned the Agreed Order. **Current Compliance Status:** The Respondent has undertaken corrective actions for violation Nos. 1-10, 13, 16, 20-24, 27-28, 31 and 33. **MLM:** 1. Investigation No. 531892 - Failed to prevent an unauthorized emissions that resulted in the release of 0.15 pounds ("lbs") of 1,3 butadiene, 6.18 lbs of butene, 2.14 lbs of 2-methyl-1-butene, 4.61 lbs benzene, 2.16 lbs of butane, 2.22 lbs of ethylene, 1.39 lbs of hydrogen sulfide ("H_2S"), 5.63 lbs of isobutane, 3.63 lbs of isobutylene, 6.48 lbs of isopentane, 89,380 lbs of particulate matter ("PM"), 1.1 lbs of pentane, 1.12 lbs of pentene, 3.48 lbs of propane, 11.65 lbs of propylene, 1.10 lbs of trans-1,3-pentadiene, 3.94 lbs of trans-2-butene, and 85.36 lbs of volatile organic compounds ("VOC") to the atmosphere. A crack was discovered in the secondary cyclone of the catalytic cracking unit ("CCU") which allowed spent catalysts to be released to the	**Initial Calculated Penalty:** $346,931 **Total Assessed:** $345,744* **Total Deferred:** $172,872 ___ Expedited Order ___ Financial Inability to Pay _X_ SEP Conditional Offset **Total Due to General Revenue:** $172,872 The Respondent has paid $172,872 of the administrative penalty. The remainder of the $172,872 shall be conditionally offset by the Respondent's completion of a Supplement Environment Project (SEP). **Site Compliance History Classification** __ High _X_ Average __ Poor **Person Compliance History Classification** __ High _X_ Average__ Poor **Major Source:** _X_ Yes ___ No **Applicable Penalty Policy:** September 1, 2002 ***Explanation for Reduction in Penalty:** After the Respondent signed the agreed order there were corrections made to the compliance histories for PCW nos. 1, 2, 6, 7, and 9, which resulted in a penalty increase of $1,187. **Findings Order Justification:** Unauthorized emissions which resulted in three excessive emissions events. **Excessive Emissions Event Determination Factors:** 1. **December 16, 2004 Event: (violation no. 2) - 30 TEX. ADMIN. CODE § 101.222(a)(2):** Emissions occurred during unit start-up activity which also resulted in acid gas flaring; the emissions event was avoidable and excessive.	**Ordering Provisions** 1. The Respondent shall implement and complete a SEP, as described in Attachment "A" of the Agreed Order. **Technical Requirements:** The Respondent shall undertake the following technical requirements: 1. For the violations documented on December 1, 2005 (Investigation No. 449499), March 10, 2004 (Investigation No. 266908), and December 1, 2005 (Investigation No. 440023): a. Within 30 days, conduct and complete training of all plant personnel responsible for submitting reports, specifically personnel responsible for the submittal of emission event reports, detailing all proper procedures that should be followed; and b. Within 45 days, submit written certification to demonstrate compliance. 2. For the violations documented on January 3, 2006 (Investigation No. 449850): a. Within 180 days, implement measures designed to prevent unauthorized emissions due to the same cause as the emissions event that occurred on October 30, 2005 (Incident Nos. 67240, 67243, 67244, 67245, and 67246); and b. Within 195 days, submit written certification to demonstrate compliance. 3. For the violations documented on May 24, 2006 for Investigation No. 482747: a. Within 30 days, implement measures designed to prevent unauthorized emissions due to the same causes as the emissions events that occurred on March 21, 2006 (Incident No. 73264); and b. Within 45 days, submit written certification to demonstrate compliance.

atmosphere. The cause of the emissions event was due to internal erosion of the piping. The emissions event (Incident No. 79352) began on August 1, 2006, and lasted twenty-seven hours. The Respondent failed to meet the demonstration criteria for an affirmative defense under 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE § 116.715(a), TEX. HEALTH & SAFETY CODE § 382.085(b), and Air Permit No. 21262, Special Condition 1].

2. Investigation No. 379581 - Failed to prevent unauthorized emissions of 33,120 lbs of sulfur dioxide ("SO_2"), 49 lbs of carbon monoxide ("CO"), 376 pounds of H_2S, 7 lbs of nitrogen dioxide, and 2 lbs of PM were released during a Diesel Hydro Treater ("DHT") unit start-up activity which also resulted in acid gas flaring. The emissions event (Incident No. 51042) which began on December 16, 2004, lasted two hours and forty-seven minutes. Since the emissions event was avoidable and excessive, the Respondent failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE § 116.715(a), TEX. HEALTH & SAFETY CODE § 382.085(b), and Air Permit No. 21262, Special Condition 1].

3. Investigation No. 343599 - Failed to prevent an unauthorized emissions that resulted in the release of 210 lbs of ethylene, 1,317 lbs of nitrogen dioxide, 9,515 lbs of CO, 5,603 lbs of H_2S, 1,153 lbs of isobutylene, 172 lbs of PM, 814 lbs of propylene, and 516,068 lbs of SO_2 emissions to the atmosphere. The voltage dip shut down the Coker Wet Gas Compressor, which resulted in flaring at the Coker Flare until the Wet Gas Compressor was restarted. The maximum ground level concentration of 715 micrograms per cubic meter (µg/m3) averaged over 30 minutes was exceeded. The emissions event (Incident No. 49941) which began on November 24, 2004, lasted thirteen hours and fifteen minutes. Since the emissions event was avoidable, the Respondent failed to meet the demonstration for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE §§ 112.3(b) and 116.715(a), TEX. HEALTH & SAFETY CODE § 382.085(b), and Air Permit No. 21262, Special Condition No. 1].

4. Investigation No. 392732 - Failed to properly seal open-ended lines. Specifically, three plugs in the OP-3 Unit were discovered by investigators on May 11, 2005, to be leaking. In addition, one open-ended line without a plug or a cap was observed on May 9, 2005, at the OP-3 Unit. The open-ended line was monitored and not found to be leaking [30 TEX. ADMIN. CODE § 101.20(1) and (2), 40 CFR § 60.482-6(a)(2), and TEX. HEALTH & SAFETY CODE § 382.085(b)].

5. Investigation No. 392732 - Failed to monitor new valves which were put into service at the OP-3 unit on a monthly basis. Specifically, ten gas/vapor valves were installed in February 2005, and the initial monitoring was not conducted until May 11, 2005, and June 2, 2005 [30 TEX. ADMIN. CODE § 101.20(1), 40 CFR § 60.482.7(a), and TEX. HEALTH & SAFETY CODE § 382.085(b)].

6. Investigation No. 392732 - Failed to prevent unauthorized emissions. Specifically, 65,063 lbs of VOCs, 35,141 lbs of CO, 14, 277 lbs SO_2, 4,849 lbs of nitrogen oxides ("NOx"),

2. **December 14, 2004 Event: (violation no. 6) - 30 TEX. ADMIN. CODE § 101.22(a)(2):** Emissions from two elevated flares and one ground flare was avoidable and excessive.

3. **April 26, 2005 Event: (violation no. 35) - 30 TEX. ADMIN. CODE § 101.22(a)(2):** Emissions from two elevated flares and one ground flare was avoidable and excessive.

4. For the violations documented on August 28, 2006 (Investigation No. 510023):

a. Within 30 days, implement measures designed to ensure that emissions event reports are submitted with the required timeframes; and

b. Within 45 days, submit written certification to demonstrate compliance.

5. For the violations documented on August 21, 2006 (Investigation No. 509694):

a. Within 30 days, implement improvements to maintenance and operation procedures in order to address the emissions events that occurred on June 5, 2006 (Incident No. 76716); and

b. Within 45 days, submit written certification, and include detailed supporting documentation to demonstrate compliance.

6. For the violations documented on August 21, 2006, for Investigation No. 509707 (Incident No. 76808):

a. Within 30 days, implement improvements to maintenance and operation procedures in order to address the emissions events that occurred on June 7, 2006; and

b. Within 45 days, submit written certification, and include detailed supporting documentation.

7. For the violations documented on August 22, 2005, for Investigation No. 406521 (Incident Nos. 58129, 57402, 57399, 57409, and 57403:

a. Respond completely and adequately, as determined by the Executive Director, to all written requests for information concerning the submitted CAP within 15 days after the date of such requests, or by other deadline specified in writing;

b. Upon Commission approval, implement the CAP; and

c. Upon completion of CAP implementation, submit written certification to demonstrate compliance.

Corrective Actions Taken:

The Executive Director recognizes that the Respondent has implemented the following corrective actions:

and 204 lbs of H_2S were released from OP-2 and OP-3 Elevated Flares and OP-3 Ground Flare during an emissions event which began on December 14, 2004, in the Olefins III Unit and lasted for 59 hours (Incident Nos. 50968, 50969, 50970, 50971). Since the emissions event was avoidable and determined to be excessive, the Respondent failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE §101.222 [30 TEX. ADMIN. CODE §§ 101.20(3) and 116.715(a), 40 CFR § 60.482-7(a), TEX. HEALTH & SAFETY CODE § 382.085(b), and Flexible Air Permit No. 21262/PSDTX 928, Special Condition No. 1]. 7. Investigation No. 480383 - Failed to comply with Boiler and Industrial Furnace ("BIF") operating parameters for the total ash feed rate, by not revising the data in the Distributed Control Systems for the correct level of ash being fed into the unit. Specifically, during the period of January 29, 2006, at 1:00 a.m. through January 30, 2006, at 12:00 a.m. and the period of April 11, 2006, at 2:00 a.m. through April 13, 2006, at 3:00 a.m. the permitted maximum allowable ash feed rate of 6.5 pounds per hour was exceeded at the Phenol 3 Boiler for a total of 34 and 49 hours, respectively. The total ash feed rate on both occasions reached as high as 8.4 pounds per hour [30 TEX. ADMIN. CODE §§ 335.221(a)(6), 40 CFR § 266.102(e)(3)(i) and (e)(7)(ii), and Hazardous Waste Permit No. 50099, Permit Provision V.1.2.b]. 8. Investigation No. 457480 - Failed to prevent unauthorized emissions. Specifically, 6,700 lbs of CO, 205 lbs of nitrogen dioxide, 2,100 lbs of PM, 63 lbs of VOCs and 2,200 lbs of SO_2 were released in an emissions event at the CCU which began on June 15, 2005, and lasted for the duration of 250 hours (Incident No. 59815). Since the emissions event was avoidable, the Respondent failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE §101.222 [30 TEX. ADMIN. CODE § 116.715(a), TEX. HEALTH & SAFETY CODE § 382.085(b), and Air Permit No. 21262, Special Condition No. 1]. 9. Investigation No. 457480 - Failed to identify the pre-construction authorization number in the final report submitted to the agency for the facility involved in the emissions event, which occurred on June 15, 2005, in the CCU (Incident No. 59815) [30 TEX. ADMIN. CODE § 101.201(b)(8) and TEX. HEALTH & SAFETY CODE § 382.085(b)]. 10. Investigation No. 290016 (Incident Nos. 35250 and 35253) - Failed to prevent unauthorized emissions that resulted in the release of 108,158 lbs. of SO2, 1,461 lbs. of H2S, and 203 lbs of VOCs at the Gas Oil Hydrotreter Unit (Emission Point Number "EPN" No. OP3ELFLA and EPN No. COKEFLARE). The Respondent failed to control the liquid hydrocarbon level in the Coker fractionator bottoms during a maintenance activity, and a false interface level indication initiated a chain of events that led to the shutdown of four sulfur recovery units which resulted in acid gas flaring and the release of unauthorized emissions from the OP-3 Elevated Flare and the Coker/GOHT Flare. The emissions event began on February 22, 2004, and lasted for the duration of 20 hours and 40 minutes. The Respondent failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE §101.222 [30 TEX. ADMIN. CODE		1. For violations documented on August 16, 2006 for Investigation No. 531892 (Incident No. 79352): a. By September 30, 2006, inspected and radiographed all three dip legs in the CCU to define the extent of erosion in the dip leg lines; and b. By August 1, 2006, installed re-enforcing patch plates over the bottoms of each dip leg. 2. For the violations documented on March 10, 2005, for Investigation No. 343599 (Incident No. 49941), by November 2, 2006: a. Redesigned power distribution to minimize breaker tripping; b. Investigated and corrected wiring connections related to electrical distribution; c. Changed out compressor motor control system; and d. Revised compressor start up procedures to incorporate review of local control panel settings. 3. For the violations documented on April 4, 2005, for Investigation No. 379581 (Incident No. 51042): a. On February 7, 2005, established high and low level alarms on both level transmitters on the DHT Cold Product Separator (CPS) vessel, LI-17222A and LI-17222B, and removed alarm from the level controller; b. On August 15, 2005, verified the oil densities and level transmitter calibrations on the DHT CPS; and c. On June 9, 2005, developed DHT unit specific procedure for trouble shooting hydrocarbons (in the rich amine). 4. For the violations documented on July 26, 2006, for Investigation No. 457480 (Incident No. 59815): a. On or before August 8, 2005, removed the ruptured steam coil from service, the coil has been air gapped and abandoned in place; b. On or before October 5, 2005, modified the existing selective catalytic reduction (SCR) startup procedure to remove reference to the control bypass; c. On or before February 20, 2006, communicated details, findings, and recommendations from the investigation of this incident to other manufacturing

§§ 116.115(b)(2)(F) and 116.715(a), TEX. HEALTH & SAFETY CODE § 382.085(b), Air Permit No. 3219 and PSD-TX-974, General Condition No. 8, and Air Flexible Permit No. 21262 and PSD-TX-928, Special Condition No. 1].

11. Investigation No. 266908 (Incident No. 29937) - Failed to prevent unauthorized emissions that resulted in the release of 125,249 lbs. of SO_2, 1,290 lbs. of H_2S, and 2,052 lbs. of VOCs at the Hydrogen Plant #1 (EPN No. EPFLARE). The Respondent failed to prevent the premature lifting of a compressor suction drum relief valve at Hydrogen Plant #1 which resulted in flaring and the release of unauthorized emissions from the East Property Flare. The emissions event began on October 28, 2003, and lasted for the duration of 23 hours. The Respondent failed to meet the demonstration for an affirmative defense in 30 TEX. ADMIN. CODE §101.222 [30 TEX. ADMIN. CODE §§ 116.115(b)(2)(F) and 116.715(a), Air Permit No. 3219 and PSD-TX-974, General Condition No. 8, Air Flexible Permit No. 21262 and PSD-TX-928, Special Condition No. 1, and TEX. HEALTH & SAFETY CODE § 382.085(b)].

12. Investigation No. 266908 (Incident No. 29937) - Failed to submit a timely initial notification and failed to adequately identify the compound descriptive type for VOC emissions reported in the final report for the emissions event that occurred on October 28, 2003 [30 TEX. ADMIN. CODE § 101.201(a)(1)(B), and (b)(1)(G), and TEX. HEALTH & SAFETY CODE § 382.085(b)].

13. Investigation No. 268067 (Incident Nos. 28806 and 28808) - Failed to prevent unauthorized emissions that resulted in the release of 6,801 lbs. of SO_2, and 128,968 lbs. of mineral spirits at the Distillation Unit #2 (EPN No. WPFLARE and RV-5102, B. E. And F). The Respondent failed to prevent high pressurization in the Distillation Unit # 2 crude column which caused two relief valves on the column to lift to the atmosphere and flare at the West Property Flare. The emissions event began on October 9, 2003, and lasted for the duration of two hours. The Respondent failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE §101.222 [30 TEX. ADMIN. CODE §§ 116.115(b)(2)(F) and 116.715(a), Air Permit No. 3219 and PSD-TX-974, General Condition No. 8, Air Flexible Permit No. 21262 and PSD-TX-928, Special Condition No. 1, and TEX. HEALTH & SAFETY CODE § 382.085(b)].

14. Investigation No. 449499 (Incident No. 63968) - Failed to prevent unauthorized emissions that resulted in the release of 829 lbs. of CO, 37 lbs. of H_2S, 3,531 lbs. of VOCs, and 2,709 lbs. of SO_2 at the CCU, (EPN No. FLNFLARE). The Respondent failed to prevent a ground fault condition which led to the unplanned shutdown of the Wet Gas Compressor. Flaring ensued, which resulted in a release of unauthorized emissions from the North Property Flare. The emissions event began on September 3, 2005, and lasted for the duration of 1 hour. The Respondent failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE §101.222 [30 TEX. ADMIN. CODE §§ 116.115(b)(2)(F) and 116.715(a), Air Permit No. 3219 and PSD-TX-974, General Condition No. 8, Air Flexible Permit No. 21262 and PSD-TX-928, Special Condition No. 1, and TEX. HEALTH & SAFETY CODE § 382.085(b)].

locations;

d. On or before August 10, 2005, revised Process & Instrumentation Diagrams (P&IDs) to reflect the current configuration of the Boiler Feed Water (BFW) Preheat Coil including associated BFW piping;

e. On or before February 6, 2006, communicated details, findings, and recommendations from the investigation of this incident to appropriate personnel in the Catalytic Cracking Unit (CCU) and other operating departments, Pressure Equipment and Investigation, and Process Engineering; and

f. On or before June 24, 2005, provided information to the staff completing the emission event notification that the applicable permit number or preconstruction authorization of the facility be included in the notification.

5. On October 9, 2003, revised its Management of Change procedures to include meetings and procedural reviews before a crude tank is brought below its normal low gauge level (to prevent crude distillation column from being over-pressurized in response to the violations documented on March 10, 2004, for Investigation No. 268067 (Incident Nos. 28806 and 28808).

6. For the violations documented on March 10, 2004, for Investigation No. 266908 (Incident No. 29937):

a. On October 28, 2003:

i. Revised the SGP Sponge Column operating pressure and set-point for the relief valve to be consistent at 165 psig; and

ii. Implemented changes to enable personnel to isolate the SGP dry gas feed line (to include V5500 and C5500 together);

b. On December 10, 2003, repaired SGP Sponge Column PRC-128 so that the column pressure indicator is consistent with the field pressure in automatic mode;

c. On July 13, 2004:

i. Calibrated the existing Pressure Transmitter (PT) from the SGP to V5500 to provide an additional pressure sensing point for the system;

ii. Communicate to operating personnel that F152103 is an instantaneous point available on the TCD

15. Investigation No. 449499 (Incident No. 63968) - Failed to adequately identify the compound descriptive type for VOC emissions reported in the initial and final report for the emissions event that occurred on September 3, 2005 [30 TEX. ADMIN. CODE § 101.201(a)(1)(B), and (b)(1)(G), and TEX. HEALTH & SAFETY CODE § 382.085(b)].

16. Investigation No. 449838 (Incident Nos. 66466, 67194, 67195, and 67196) - Failed to prevent unauthorized emissions that resulted in the release of 2,469 lbs. of ethylene, 1,015 lbs. of CO, and 308 lbs. of NOx at the Olefins 2 Unit (EPN Nos. OP2ELFLA, OP3ELFLA, and OP3GRFLA). The Respondent failed to prevent incorrect manual adjustments of the hydrogen supply to the OP-2 acetylene converter, which resulted in unauthorized emissions and flaring of off-spec ethylene product at the OP2 Elevated Flare, the OP3 Elevated Flare, and the OP3 Ground Flare. The emissions event began on October 16, 2005, and lasted for the duration of 45 minutes. The Respondent failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE §101.222 [30 TEX. ADMIN. CODE §§ 116.115(b)(2)(F), 116.715(a), Air Permit No. 3219 and PSD-TX-974, General Condition No. 8, Air Flexible Permit No. 21262 and PSD-TX-928, Special Condition No. 1, and TEX. HEALTH & SAFETY CODE § 382.085(b)].

17. Investigation No. 440023 (Incident No. 66823) - Failed to prevent unauthorized emissions that resulted in the release of 69.7 lbs. of CO, 139.99 lbs. of H_2S, 366.16 lbs. of VOCs, and 13,175 lbs. of SO_2 at the CFH, (EPN No. EPFLARE). The Respondent failed to prevent corrosion on a 120-volt electrical disconnect switch which led to an electrical short at the Catalytic Cracker Feed Hydrotreater ("CFH") vent gas compressor which resulted in unauthorized emissions and flaring from the East Property Flare. The emissions event began on October 20, 2005, and lasted for the duration of 5 hours and 45 minutes. The Respondent failed to meet the demonstration for an affirmative defense in 30 TEX. ADMIN. CODE §101.222 [30 TEX. ADMIN. CODE §§ 116.115(b)(2)(F), 116.715(a), Air Permit No. 3219 and PSD-TX-974, General Condition No. 8, Air Flexible Permit No. 21262 and PSD-TX-928, Special Condition No. 1, and TEX. HEALTH & SAFETY CODE § 382.085(b)].

18. Investigation No. 440023 (Incident No. 66823) - Failed to adequately identify the compound descriptive type for VOC emissions reported in the initial notification and final report for the emissions event that occurred on October 20, 2005 [30 TEX. ADMIN. CODE § 101.201(a)(1)(B), and (b)(1)(G), and TEX. HEALTH & SAFETY CODE § 382.085(b)].

19. Investigation No. 449850 - Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 410.73 lbs of the highly reactive ("HR") VOC ethylene were released through three flares, EPN OP2ELFLA, OP3ELFLA, and OP3GRFLA (Incident No. 67240), unauthorized emission of 1,074 lbs of the HR VOC ethylene, 30.50 lbs of CO, and 4.20 lbs of NOx were released through Pump POL-431 (Incident No. 67244), and unauthorized emissions of 847.48 lbs of CO and 117.28 lbs of NOx were released through two flares and a flare vent, EPNs OP2ELFLA and OP3ELFLA (Incident Nos. 67423, 67245, and 67426), during an emissions event that

to indicate the flow of SGP Dry Gas Feed to the suction of C5500. Communicated this information to operating personnel in mid-December 2003 via daily operator guides; and

iii. Modified the procedure to isolate the compressor at the HP1 unit batter limits to isolate V5500 from the process;

d. On March 26, 2004, shared the investigation team findings with all refinery operating personnel; and

e. On September 30, 2004, added a high-pressure alarm on the Pressure Transmitter from SGP to V5500.

7. For the violations documented on August 5, 2004, for Investigation No. 290016 (Incident Nos. 35250 and 35253):

a. On April 30, 2004, revised the procedure for back-blowing the charge pumps to emphasize the need to control levels in the fractionator and provided training on these new procedures; and

b. On February 22, 2004:

i. Revised Coker operator training/procedures to improve response to upsets involving increased flows/levels in the GOHT separators and DEA section; and

ii. Revised training/procedures for ARU-6/7 operators to improve response to upsets involving increased flows/levels in the ARU-6/7 units.

8. For the violations documented on December 1, 2005 for Investigation No. 449499 (Incident No. 63968), on September 3, 2005:

a. Inspected termination boxes for each 12,000 volt motor for moisture condensation and implemented corrective actions when evidence of condensation was detected; and

b. Checked for operation of termination box space heaters and implemented corrective measures, as needed.

9. On October 20, 2005, the Respondent replaced the 120 volt electrical disconnect switch, changed the point description for tab #SA16793 from "speed sensor fault" to "common alarm" and modified the wiring on #SA16792 from a trip alarm to a sensor fault alarm to the catalytic cracker feed hydrotreater, in response to the violation documented

occurred on October 30, 2005, and lasted 8 hours and 15 minutes. The emissions from Incident No. 67244 are not authorized by the permit. Since the emissions event was avoidable, the Respondent failed to meet the demonstration criteria for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE § 116.115(b)(2)(F), Air Permit No. 3179, General Condition 8 and TEX. HEALTH & SAFETY CODE § 382.085(b)].

20. Investigation No. 455296 - Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 272 lbs of the HR VOC ethylene, 236 lbs of CO, and 32 lbs of NOx were released through a flare and flare vent, EPN OP2ELFLA, (Incident Nos. 69662 and 69663) during an emissions event that occurred on December 24, 2005, and lasted 1 hour. Since the emissions event was avoidable, the Respondent failed to meet the demonstration criteria for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE §§ 116.115(b)(2)(F) and 116.715(a), Air Permit No. 3219, General Condition 8 and Air Permit No. 21262, Special Condition 1 and TEX. HEALTH & SAFETY CODE § 382.085(b)].

21. Investigation No. 467329 - Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 14,145.22 lbs of SO2 and 159 lbs of H2S were released from EPN OP3ELFLA (Incident Nos. 68488 and 68487, respectively) and unauthorized emissions of 5.83 lbs of SO2, 47.63 lbs of CO, 6.60 lbs of NOx, .94 lbs of PM, and 53.27 lbs of VOCs, including 17.84 lbs of HR VOCs, were released from EPN WP FLARE (Incident No. 68498), during an emissions event that occurred on November 28, 2005, and lasted 1 hour and 8 minutes. During the same event, unauthorized emissions of 25.07 lbs of SO2, 326.60 lbs of CO, 0.27 lbs of H2S, 45.22 lbs of NOx, 7.37 lbs of PM, and 306.27 lbs of VOCs, including 39.02 lbs of HR VOCs were released from EPN EP FLARE (Incident No. 68499) over a period of 4 hours. The emissions from Incident Nos. 68487, 68498, and 68499 are not authorized by the permit. Since the emissions event was avoidable, the Respondent failed to meet the demonstration criteria for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE § 116.115(b)(2)(F), Air Permit No. 3219, General Condition 8 and TEX. HEALTH & SAFETY CODE § 382.085(b)].

22. Investigation No. 467537 - Failed to submit an emissions event report within two weeks after the end of the event. Specifically, the emissions event (Incident No. 69570) ended December 21, 2005, at 12:00 a.m., but the final report was not submitted until January 4, 2006, at 2:38 p.m. [30 TEX. ADMIN. CODE § 101.201(c), and TEX. HEALTH & SAFETY CODE § 382.085(b)].

23. Investigation No. 467537 - Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 2,815.2 lbs of VOCs, including 49.6 lbs of hazardous air pollutants ("HAPs") and 74.8 lbs of HR VOCs were released from EPN FEFUGDISP (Incident No. 69570) during an emissions event that occurred on December 20, 2005, and lasted 4 hours. These emissions are not authorized by the permit. Since the emissions event was avoidable and improperly reported, the Respondent failed to meet the demonstration criteria for an affirmative defense in 30 TEX.

on December 1, 2005, for Investigation No. 440023 (Incident No. 66823).

10. On May 12, 2006, the Respondent modified plant operational procedures to reflect the appropriate alternate hydrogen usage options and the appropriate actions to take during drops in hydrogen purity, and trained shift supervisors and operating personnel on converter operation, alternate hydrogen supply, and required manipulations when hydrogen purity drops, in response to the violations documented on December 1, 2005 for Investigation No. 449838 (Incident Nos. 66466, 47195, 67195, and 67196).

11. For the violations documented on January 25, 2006, for Investigation No. 244296 (Incident Nos. 69662 and 69663):

a. By January 31, 2006, updated the unit operating manual to specify the timing and appropriate magnitude of process changes when loss of amine treating of the process gas occurs;

b. By February 28, 2006, updated the unit operating manual to specify monitoring of converter process parameters and appropriate process adjustments when off-spec production occurs; and

c. By April 1, 2006, trained all affected employees on the new policies and procedures included in the updated unit operating manual.

12. By November 28, 2005, the Respondent reviewed and upgraded the communications processes for Olefins and Sulfur Recovery Unit (SRU) operating personnel, provided additional communications training to Olefins and SRU operators, and reviewed and revised SRU curtailment procedures, in response to the violations documented on May 23, 2005, for Investigation No. 467329 (Incident Nos. 68487, 68488, 68498 and 68499)

13. For the violations documented on June 6, 2006, for Investigation No. 467537 (Incident No. 69570):

a. By December 20, 2005, updated procedures and operating manuals to address issues that caused the emissions event and the deficient reporting of the event; and

ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE § 116.715(a), Air Permit No. 21262, Special Condition 1 and TEX. HEALTH & SAFETY CODE § 382.085(b)]. 24. Investigation No. 482407 - Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 3,830 lbs of VOCs, 3,933.5 lbs of CO, and 652 lbs of NOx were released through three flares, EPNs OP2ELFLA, OP3ELFLA, and OP3GRFLA (Incident No. 74416), and 2,345 lbs of VOCs were released through a bleeder valve on the OP-2 Caustic Column during an emissions event that occurred in the Olefins 2 Unit on April 1, 2006, and lasted 9 hours and 30 minutes. The emissions from the OP-2 Caustic Column are not authorized by the permit. Since the emissions event was avoidable, the Respondent failed to meet the demonstration criteria for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 [TEX. ADMIN. CODE § 116.115(b)(2)(F), Air Permit No. 3219, General Condition 8, and TEX. HEALTH & SAFETY CODE § 382.085(b)]. 25. Investigation Nos. 482753 and 482747 - Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 1,107.27 lbs of VOCs, 883.49 lbs of CO, and 130.29 lbs of NOx were released through three flares, EPNs OP2ELFLA, OP3ELFLA, and OP3GRFLA (Incident No. 73400), and 194 lbs of ethylene were released through pressure relief valve RV-OL-4002 during an emissions event that occurred in the Olefins 2 Unit on March 21, 2006, and lasted 35 minutes. The emissions from the pressure relief valve are not authorized by the permit. Since the emissions event was avoidable, the Respondent failed to meet the demonstration criteria for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F), Air Permit No. 3219 and PSD-TX-974, General Condition 8 and TEX. HEALTH & SAFETY CODE § 382.085(b)]. 26. Investigation Nos. 482753 and 482747 - Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 6,605 lbs of VOCs, which included the 4,792 lbs of the HAP benzene, were released through Phenol 2 Process Fugitives, EPN PAUFE (Incident No. 73264), during an emissions event that occurred in the Phenol Acetone Unit #2 on March 21, 2006, and lasted 31 hours and 5 minutes. The emissions are not authorized by the permit. Since the emissions event was avoidable, the Respondent failed to meet the demonstration criteria for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE § 116.115(b)(2)(F), Air Permit No. 3179, General Condition 8 and TEX. HEALTH & SAFETY CODE § 382.085(b)]. 27. Investigation No. 509636 (Incident No. 74701) - Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 8,976.7 lbs of VOCs were released from Tank G329, EPN G329, during an emissions event that occurred on April 20, 2006, and lasted 168 hours [30 TEX. ADMIN. CODE § 116.715(a), Flexible Air Permit No. 21262, Special Condition No. 1 and TEX. HEALTH & SAFETY CODE § 382.085(b)]. 28. Investigation No. 510021 (Incident No. 77596) - Failed to comply with the permitted emission limits of 287 lbs per hour ("lbs/hr") of CO, 40 lbs/hr of NOx, and 464 lbs/hr of		b. By January 20, 2006, trained all affected employees on the updated procedures and operating manuals. 14. The Respondent shared the internal causal analysis report on June 15, 2006, and completed training of appropriate Olefins personnel by July 31, 2006, in response to the violations documented on June 13, 2006, for Investigation No. 482407 (Incident No. 74416). 15. The Respondent rerouted the tubing on LV-439 on March 31, 2006, to prevent reoccurrence of the emissions event (Incident No. 73400) due to the same cause (water freezing in the line), in response to the violations documented on May 24, 2006, for Investigation No. 482753 (Incident No. 73400). 16. For the violations documented on July 12, 2006, investigation for Investigation No. 509636 (Incident No. 74701): a. Revised refinery tank seal investigation procedure to enhance compliance oversight and communication which was implemented on August 31, 2007; and b. Completed a modified management system for performing tank seal maintenance (as indicated from tank seal investigations), which was implemented on August 31, 2007. 17. For the violations documented on August 28, 2006, for investigation No. 510021 (Incident No. 77596): a. By July 31, 2006, performed one-on-one training with operator involved to ensure that he understood proper line-ups of condensate from Deethanizer Reboiler and verified that the level alarm for Deethanizer Reboiler Condensate Pot is not disabled and is working properly; b. By September 30, 2006, communicated to all department operating personnel the proper line up of condensate from steam exchangers with pumps when the pump is out of service; and c. By October 30, 2006, updated procedures and operating manuals and performed more complex training with each employee.

VOCs. Unauthorized emissions of 150 lbs of 1,3 butadiene, 570 lbs of propylene, 615 lbs of other VOCs, 1,059 lbs of CO, and 150 lbs of NOx were released from the OP2, OP3 Elevated Flares, and the OP3 Ground Flares. The event occurred on June 23, 2006, and lasted for 2 hours. Since the emissions event was avoidable, the Respondent failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F) and Permit No. 3219/ PSD-TX-974, General Condition No. 8 and TEX. HEALTH & SAFETY CODE § 382.085(b)].

29. Investigation No. 510023 (Incident No. 77970) - Failed to comply with the permitted emission limits of 0.42 lbs/hr of VOCs. Unauthorized emissions of 26.56 lbs of 2-methyl-2-pentene, 6.64 lbs of 2-methyl-pentane, 6.64 lbs of isopropyl alcohol, and 6,599.17 lbs of isopropyl ether were released from Tank T-75A in the Oxygenated Solvents Unit. The event occurred from June 28, 2006, to July 17, 2006, and lasted a duration of 467 hours and 20 minutes. Since the emissions event was avoidable, the Respondent failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE § 116.115(c) and Permit No. 3173, Special Condition No. 13 and TEX. HEALTH & SAFETY CODE § 382.085(b)].

30. Investigation No. 510023 (Incident No. 77970) - Failed to submit an initial notification of an emissions event within the 24-hour period for the emissions event that occurred on June 28, 2006, at Tank T-75A. The event was discovered on June 28, 2006, at 11:40 a.m., but the initial report was not submitted until June 30, 2006, at 6:04 p.m [30 TEX. ADMIN. CODE § 101.201(a)(1) and TEX. HEALTH & SAFETY CODE § 382.085(b)].

31. Investigation No. 343595 (Incident No. 47540) - Failed to prevent unauthorized emissions of 728 lbs of VOCs, 37,914 lbs of SO_2, and 490 lbs of H_2S from being released from the West Property Flare. The event occurred on October 7, 2004, and lasted for 11 hours and 23 minutes. Since the emissions event was caused by operator error and the amount and duration of the emissions were not minimized, The Respondent failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE § 116.715(a), Flexible Air Permit No. 21262, Special Condition 1 and TEX. HEALTH & SAFETY CODE § 382.085(b)].

32. Investigation No. 509694 (Incident No. 76716) - Failed to comply with the permitted emission limits of 0.02 lbs/hr of NOx, 0.10 lbs/hr of CO, and 0.29 lbs/hr of benzene. Unauthorized emissions of 179 lbs of NOx, 914 lbs of CO, and 3,054 lbs of benzene were released from a control valve located within the Benzene Extraction Unit. The event occurred on June 6, 2006, and lasted for 11 hours and 15 minutes. Since the emissions event could have been avoided by good maintenance practices, the Respondent failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE § 116.115(c), Permit No. 3178, Special Condition No. 1 and TEX. HEALTH & SAFETY CODE § 382.085(b)].

18. For the violations documented on August 28, 2006, for investigation No. 510023 (Incident No. 77970):

a. By June 2006, communicated to all Solvents Department employees that making vacuum truck connections to storage tanks not in slop oil service is prohibited, unless a variance is approved by the Shift Team Leader;

b. By November 20, 2006, updated the Solvents Department's procedures to include the new prohibition and updated the IPA Work Instruction entitled "Vacuum Truck Transfers in Solvents," which was communicated to affected employees via electronic mail; and

c. By December 20, 2006, completed more complex training with each employee.

19. By October 7, 2004, revised procedures to provide an alternative source of gases (natural gas) to keep Central Processing Unit flare gas recovery system full to prevent tripping of compressor when the flare gas load is low, in response to the violations documented on February 16, 2005, for Investigation No. 343595 (Incident No. 47540).

20. For the violations documented on August 21, 2006, for Investigation No. 509694 (Incident No. 76716), by May 31, 2007:

a. Developed and implemented an Aromatics Unit Flare source control system; and

b. Evaluated the condition, fail position and possible removal of the HIC's in similar service in Heavy Olefins.

21. On September 15, 2005, the Respondent developed a plan to require re-torqueing of GOHT Unit recycle gas check valve covers during each unit shutdown, or every two years, in response to the violations documented on June 23, 2006, for Investigation No. 457345 (Incident No. 64645).

22. For the violations documented on August 22, 2005, for Investigation No. 406521 (Incident Nos. 58129, 57402, 57399, 57409, and 57403):

a. Modified requirements for the light hydrocarbon pump standard to include secondary restraint for axial movement of

33. Investigation No. 457345 (Incident No. 64645) - Failed to prevent unauthorized emissions of 9,630 lbs of CO, 250 lbs of H_2S, 1,333 lbs of NOx, 71 lbs of PM, and 23,024 lbs of SO_2 from being released from the downstream recycle hydrogen line in the Coker Unit. The event occurred on September 15, 2005, and lasted for 2 hours. These emissions are not authorized by the permit. Since the emissions event could have been avoided by good operation and maintenance practices, the Respondent failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE §§ 101.20(3) and 116.715(a), Flexible Air Permit No. 21262/PSD-TX-928, Special Condition No. 1 and TEX. HEALTH & SAFETY CODE § 382.085(b)]. 34. Investigation No. 509707 (Incident No. 76808) - Failed to prevent unauthorized emissions of 1,159.2 lbs of butane, 1,007 lbs of CO, 5.45 lbs of hexane, 265 lbs of H_2S, 1.01 lbs of isobutane, 2.45 lbs of isopentane, 139 lbs of nitrogen dioxide, 25.6 lbs of PM, 4.83 lbs of pentane, 329 lbs of propane, 24,369 lbs of SO_2, and 494 lbs of VOCs from the East Property Flare. The event occurred on June 7, 2006, and lasted for 8 hours. These emissions are not authorized by the permit. Since the emissions event could have been avoided by good operation and maintenance practices, the Respondent failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE §§ 101.20(3) and 116.715(a), Flexible Air Permit No. 21262/PSD-TX-928, Special Condition No. 1 and TEX. HEALTH & SAFETY CODE § 382.085(b)]. 35. Investigation No. 406521 (Incident Nos. 58129, 57402, 57399, 57409 and 57403) - Failed to prevent unauthorized emissions of 24,291 lbs of VOCs, 17,091 lbs of CO, 2,367 lbs of NOx, and 99 lbs of SO_2 released from the OP2, OP3 Elevated Flares, and the OP3 Ground Flares. The permitted emissions limit are as follows: 464 lbs/hr of VOCs, 287 lbs/hr of CO, 56 lbs/hr of NOx, and 483 lbs/hr of SO_2. The event occurred on April 26, 2005, and lasted for 33 hours. Since the emissions event was avoidable and determined to be excessive, the Respondent failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE §§ 101.20(3) and 116.115(b)(2)(F) and Permit No. 3219/ PSD-TX-974, General Condition No. 8 and TEX. HEALTH & SAFETY CODE § 382.085(b)].		the sleeve by December 21, 2005; b. Corrected the buffer fluid lines so that supply comes from the bottom of the seal pot and returns to the top of the seal pot for all OP2 or OP3 product pumps that are reversed by June 16, 2007; c. Upgraded the seal sleeves to a taper-lock device to prevent axial movement of the seal sleeves by June 16, 2007; and d. Submitted a corrective action plan ("CAP") to TCEQ on January 29, 2008, to address the excessive emissions event.

Attachment A
Docket Number: 2006-0328-MLM-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:	**Shell Chemical LP and Shell Oil Company**
Penalty Amount:	**Three hundred forty-five thousand seven hundred forty-four dollars ($345,744)**
SEP Amount:	**One hundred seventy-two thousand eight hundred seventy-two dollars ($172,872)**
Type of SEP:	**Pre-approved**
Third-Party Recipient:	**Houston-Galveston Area Emission Reduction Credit Organization ("AERCO")** ***Clean Cities/Clean Vehicles Program***
Location of SEP:	**Harris County**

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the administrative Penalty Amount assessed in this Agreed Order for the Respondent to contribute to a Supplemental Environmental Project ("SEP"). The offset is equal to the SEP Amount set forth above and is conditioned upon completion of the project in accordance with the terms of this Attachment A.

1. Project Description

A. Project

The Respondent shall contribute the SEP Amount to the Third-Party Recipient pursuant to the agreement between the Third-Party Recipient and the TCEQ. Specifically, the contribution will be used in accordance with the Supplemental Environmental Project Agreement between **AERCO** and the Texas Commission on Environmental Quality for the *Clean Cities/Clean Vehicles Program* in Harris County. SEP monies will be used to aid local school districts and area transit agencies, and may be used to reach local match requirements mandated by the Federal Highway Administration's ("FHWA") Congestion Mitigation/Air Quality funding program. SEP funds will be disbursed to school districts and transit agencies in need of funding assistance in the Houston-Galveston non-attainment area. SEP funds will be used for the costs of retrofitting or replacing older diesel buses with alternative fueled or clean fuel diesel buses. The older "high emission" buses will be permanently retired and sold only for scrap.

The Respondent certifies that there is no prior commitment to do this project and that it is being performed solely in an effort to settle this enforcement action.

B. Environmental Benefit

Passengers, drivers, and students in the area where school buses idle during transportation are subject to harmful diesel exhaust emission every school day. Apart from containing the ozone precursors nitrogen oxides ("NOx") and hydrocarbons ("HC"), diesel exhaust is known to cause or exacerbate a number of respiratory diseases, including asthma. Due to the more stringent emissions standards introduced by the Environmental Projection Agency (EPA), model 2007 and newer buses are also cleaner in terms of particulate matter (PM) emissions than model year 2004 buses. New NOx and HC standards phased in between 2007 and 2010 will

result in new school bus engines being 72% cleaner for HC and 90% cleaner for NOx than a bus produced to meet the 2004 federal standards for these pollutants.

This SEP will provide a discernible environmental benefit by retiring high-emission buses from service, purchasing newer, clean fuel technology buses, and replacing newer buses with fuel treatment technology that reduces PM and HC.

C. Minimum Expenditure

The Respondent shall contribute at least the SEP Amount to the Third-Party Recipient and comply with all other provisions of this SEP.

2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, the Respondent must contribute the SEP Amount to the Third-Party Recipient. The Respondent shall mail the contribution, with a copy of the Agreed Order, to:

Houston-Galveston Area Council
Houston-Galveston AERCO
P.O. Box 22777
Houston, TX 77227-2777

3. Records and Reporting

Concurrent with the payment of the SEP Amount, the Respondent shall provide the TCEQ SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Amount to the Third-Party Recipient. The Respondent shall mail a copy of the check and transmittal letter to:

Litigation Division
Attention: SEP Coordinator, MC 175
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

4. Failure to Fully Perform

If the Respondent does not perform its obligations under this SEP in any way, including full payment of the SEP Amount and submittal of the required reporting described in Section 3 above, the Executive Director may require immediate payment of all or part of the SEP Amount.

In the event of incomplete performance, the Respondent shall submit a check for any remaining amount due made payable to "Texas Commission on Environmental Quality" with the notation "SEP Refund" and the docket number of the case, and shall send it to "Texas Commission on Environmental Quality" and mail it to:

Texas Commission on Environmental Quality
Office of Legal Services

Attention: SEP Coordinator, MC 175
P.O. Box 13088
Austin, Texas 78711-3088

5. Publicity

Any public statements concerning this SEP made by or on behalf of the Respondent must include a clear statement that the project was performed as part of the settlement of an enforcement action brought by the TCEQ. Such statements include advertising, public relations, and press releases.

6. Clean Texas Program

The Respondent shall not include this SEP in any application made to TCEQ under the "Clean Texas" (or any successor) program(s). Similarly, the Respondent may not seek recognition for this contribution in any other state or federal regulatory program.

7. Other SEPs by TCEQ or Other Agencies

The SEP identified in this Agreed Order has not been, and shall not be, included as a SEP for the Respondent under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.

Penalty Calculation Worksheet (PCW)

Policy Revision 2 (September 2002) *PCW Revision May 19, 2005*

TCEQ

DATES						
Assigned	27-Mar-2006					
PCW	14-Aug-2008	Screening	27-Mar-2006	EPA Due	04-Feb-2007	

RESPONDENT/FACILITY INFORMATION

Respondent	Shell Chemical LP		
Reg. Ent. Ref. No.	RN100211879		
Facility/Site Region	12 - Houston	Major/Minor Source	Major Source

CASE INFORMATION

Enf./Case ID No.	28867	No. of Violations	3
Docket No.	2006-0328-MLM-E	Order Type	Findings
Media Program(s)	Air Quality	Enf. Coordinator	Suzanne Walrath
Multi-Media		EC's Team	Enforcement Team 4
Admin. Penalty $ Limit	Minimum $0	Maximum	$10,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) *Subtotal 1* $30,500

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 263% Enhancement *Subtotals 2, 3, & 7* $80,215

Notes: The respondent has been issued 22 NOVs with same or similar violatons, 25 NOVs without same or similar violations (eighteen of which were self-reported effluent violations), six 1660 Agreed Orders, one Findings Order, and two EPA Consent Decrees containing a denial of liability. The respondent also submitted 63 letters notifying of an audit, disclosed violations twelve times with respect to those audits, has had an environmental management system in place for one year or more, and is participating in a voluntary pollution reduction program.

Culpability No 0% Enhancement *Subtotal 4* $0

Notes: The respondent does not meet the culpability criteria.

Good Faith Effort to Comply 0% Reduction *Subtotal 5* $0

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary		
N/A	x	*(mark with a small x)*

Notes: The Respondent is not yet in compliance.

Economic Benefit 0% Enhancement* *Subtotal 6* $0

**Capped at the Total EB $ Amount*

Total EB Amounts	$502
Approx. Cost of Compliance	$19,350

SUM OF SUBTOTALS 1-7 Final Subtotal $110,715

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment $0

Reduces or enhances the Final Subtotal by the indicated percentage. *(Enter number only; e.g. -30 for -30%.)*

Notes:

Final Penalty Amount $110,715

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty $58,115

DEFERRAL 0% Reduction Adjustment $0

Reduces the Final Assessed Penalty by the indicted percentage. *(Enter number only; e.g. 20 for 20% reduction.)*

Notes: No deferral as this is a findings order.

PAYABLE PENALTY $58,115

PCW 1

Screening Date 27-Mar-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision May 19, 2005*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Suzanne Walrath

Compliance History Worksheet

>> Compliance History *Site* Enhancement (Subtotal 2)

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action *(number of NOVs meeting criteria)*	22	110%
	Other written NOVs	25	50%
Orders	Any agreed final enforcement orders containing a denial of liability *(number of orders meeting criteria)*	6	120%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	1	25%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government *(number of judgements or consent decrees meeting criteria)*	2	60%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government *(number of counts)*	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which notices were submitted)*	63	-63%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which violations were disclosed)*	12	-24%
		Please Enter Yes or No	
Other	Environmental management systems in place for one year or more	Yes	-10%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	Yes	-5%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) **263%**

>> Repeat Violator (Subtotal 3)

No

Adjustment Percentage (Subtotal 3) **0%**

>> Compliance History *Person* Classification (Subtotal 7)

Average Performer

Adjustment Percentage (Subtotal 7) **0%**

>> Compliance History Summary

Compliance History Notes

The respondent has been issued 22 NOVs with same or similar violations, 25 NOVs without same or similar violations (eighteen of which were self-reported effluent violations), six 1660 Agreed Orders, one Findings Order, and two EPA Consent Decrees containing a denial of liability. The respondent also submitted 63 letters notifying of an audit, disclosed violations twelve times with respect to those audits, has had an environmental management system in place for one year or more, and is participating in a voluntary pollution reduction program.

Total Adjustment Percentage (Subtotals 2, 3, & 7) **263%**

Screening Date 27-Mar-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision May 19, 2005*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Suzanne Walrath

Violation Number 1

Primary Rule Cite(s)	30 Tex. Admin. Code §§ 116.115(b)(2)(F), 116.715(a), Air Permit No. 3219 and PSD-TX-974, Gen. Cond. No. 8, and Air Flexible Permit No. 21262 and PSD-TX-928, Spec. Cond. No. 1
Secondary Rule Cite(s)	Tex. Health & Safety Code § 382.085(b)
Violation Description	Failed to prevent the unauthorized release of air contaminants into the atmosphere. Flexible permits are based on an emission cap for each pollutant from all combined emission points, and do not allow for unauthorized emissions from emission events. The events did not meet the demonstration criteria necessary to present an affirmative defense for the unauthorized emissions. Please see attached table.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

OR	Harm: Release	Major	Moderate	Minor
	Actual	x		
	Potential			

Percent 100%

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: Human health or the environment was exposed to significant amounts of pollutants which exceeded levels protective of human health or environmental receptors as a result of this violation.

Adjustment $0

Base Penalty Subtotal $10,000

Violation Events

Number of Violation Events: 2

mark only one use a small x	
daily	x
monthly	
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty $20,000

Two daily events are recommended for the emission events which occurred on 10/28/03 and 2/22/04, as documented by the file review conducted on 3/10/04, and the investigation conducted on 8/5/04.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount $259

Violation Final Penalty Total $72,600

This violation Final Assessed Penalty (adjusted for limits) $20,000

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment	$6,000	28-Oct-2003	22-Feb-2004	0.3	$6	$128	$135
Buildings				0.0	$0	$0	$0
Other (as needed)	$500	28-Oct-2003	29-Oct-2003	0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling	$3,000	28-Oct-2003	30-Apr-2004	0.5	$76	n/a	$76
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$3,000	28-Oct-2003	22-Feb-2004	0.3	$48	n/a	$48
Notes for DELAYED costs	These costs represent the amount for actions taken (labor and equipment) and for training in response to the emission event on 10/28/03 and 2/22/04, beginning on the date of the first event, and ending on the date that the repairs were completed to both units and on the date the training was completed for the gas oil hydrotreater unit..						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance: $12,500

TOTAL: $259

Screening Date 27-Mar-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision May 19, 2005*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Suzanne Walrath

Violation Number 2

Primary Rule Cite(s) 30 Tex. Admin. Code § 116.115(b)(2)(F), 116.715(a), Air Permit No. 3219 and PSD-TX-974, Gen. Cond. No. 8, and Air Flexible Permit No. 21262 and PSD-TX-928, Spec. Cond. No. 1

Secondary Rule Cite(s) Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to prevent the unauthorized release of air contaminants into the atmosphere. Flexible permits are based on an emission cap for each pollutant from all combined emission points, and do not allow for unauthorized emissions from emission events. The events did not meet the demonstration criteria necessary to present an affirmative defense for the unauthorized emissions. Please see attached table.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

Release	Harm: Major	Moderate	Minor
Actual			x
Potential			

OR

Percent 25%

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: Human health or the environment has been exposed to insignificant amounts of pollutants which do not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment -$7,500

Base Penalty Subtotal $2,500

Violation Events

Number of Violation Events 4

mark only one use a small x	
daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $10,000

Four single events are recommended for the four emission events, as documented by the file reviews conducted on 3/10/04 and 12/1/05.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount $69 **Violation Final Penalty Total** $36,300

This violation Final Assessed Penalty (adjusted for limits) $36,300

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment	$3,200	03-Sep-2005	20-Oct-2005	0.1	$1	$27	$29
Buildings				0.0	$0	$0	$0
Other (as needed)	$2,200	03-Sep-2005	03-Sep-2005	0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling	$700	16-Oct-2005	12-Dec-2006	1.2	$40	n/a	$40
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)				0.0	$0	n/a	$0

Notes for DELAYED costs: These costs represent the amount for updating operating procedures, training appropriate personnel on these procedure revisions, for equipment, and time/labor needed for completing the repairs on the units, beginning on the date of the first and second incident, and ending on the date the units were repaired, and on the projected date of the completion of the training for the Catatalytic Cracker Feed Hydrotreater.

Avoided Costs (ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs))							
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0

Notes for AVOIDED costs:

Approx. Cost of Compliance $6,100

TOTAL $69

Screening Date 27-Mar-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision May 19, 2005*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Suzanne Walrath

Violation Number 3

Primary Rule Cite(s) 30 Tex. Admin. Code § 101.201(a)(1)(B), and (b)(1)(G) [formerly 30 Tex. Admin. Code § 101.201(a)(1) and (a)(2)(G)]

Secondary Rule Cite(s) Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to submit a timely initial notification for an emission event on 10/28/03, and failed to identify the compound descriptive type reported in the initlal report for the event which occurred on 10/20/05, and in the final reports for the events which occurred on 10/28/03, 9/3/05, and 10/20/05.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

OR

Release	Harm: Major	Moderate	Minor
Actual			
Potential			

Percent

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor
			x

Percent 1%

Matrix Notes: Less than 30% of the rule requirement was not met.

Adjustment -$9,900

Base Penalty Subtotal $100

Violation Events

Number of Violation Events: 5

mark only one (use a small x)	
daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $500

Five single events are recommended for the five reports that were not submitted correctly, as documented by the file reviews conducted on 3/10/04 and 12/1/05.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount $174

Violation Final Penalty Total $1,815

This violation Final Assessed Penalty (adjusted for limits) $1,815

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$750	20-Oct-2003	06-Jun-2008	4.6	$174	n/a	$174
Notes for DELAYED costs	These costs are for the correct and timely submittal of five emission event report forms, beginning 24 hrs. after the beginning of the first event, and ending on the projected date of compliance.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance $750

TOTAL $174

VIOLATION 1 ON THE PENALTY CALCULATION WORKSHEET		
Date/ Duration	**Permit No./Cause**	**Unauthorized Emissions**
2/22/04 - 20 hr. and 40 min.	Investigation No. 290016, Incident Nos. 35250 and 35253, Air Permit No. 3219 and PSD-TX-974, General Condition No. 8, and Air Flexible Permit No. 21262, Special Condition No. 1 - Shell failed to control the liquid hydrocarbon level in the Coker fractionator bottoms during a maintenance activity, and a false interface level indication initiated a chain of events that led to the shutdown of four sulfur recovery units which resulted in acid gas flaring and the release of unauthorized emissions from the OP-3 Elevated Flare and the Coker/GOHT Flare.	Gas Oil Hydrotreter Unit (EPN No. OP3ELFLA and EPN No. COKEFLARE) - 108,158 lbs. of SO2, 1,461 lbs. of H2S, and 203 lbs of VOCs
10/28/03 - 23 hrs.	Investigation No. 266908, Incident No. 29937, Air Flexible Permit No. 21262 and PSD-TX-928, Special Condition No. 1 - Shell failed to prevent the premature lifting of a compressor suction drum relief valve at Hydrogen Plant #1 which resulted in flaring and the release of unauthorized emissions from the East Property Flare.	Hydrogen Plant #1 (Emission Point Number "EPN" No. EPFLARE) - 125,249 lbs. of SO2, 1,290 lbs. of H2S, and 2,052 lbs. of VOCs

VIOLATION 2 ON THE PENALTY CALCULATION WORKSHEET		
Date/ Duration	**Permit No./Cause**	**Unauthorized Emissions**
10/9/03 - 2 hrs.	Investigation No. 268067, Incident Nos. 28806 and 28808, Air Flexible Permit No. 21262 and PSD-TX-928, Special Condition No. 1 - Shell failed to prevent high pressurization in the Distillation Unit # 2 crude column which caused two relief valves on the column to lift to the atmosphere and flare at the West Property Flare, and resulted in the release of unauthorized emissions.	Distillation Unit #2 (EPN No. WPFLARE and RV-5102, B. E. And F) - 6,801 lbs. of SO_2, and 128,968 lbs. of mineral spirits
9/3/05 - 1 hr.	Investigation No. 449499, Incident No. 63968, Air Flexible Permit No. 21262 and PSD-TX-928, Special Condition No. 1 - Shell failed to prevent a ground fault condition which led to the unplanned shutdown of the Wet Gas Compressor. Flaring ensued, which resulted in a release of unauthorized emissions from the North Property Flare.	CCU, (EPN No. FLNFLARE) - 829 lbs. of CO, 37 lbs. of H_2S, 3,531 lbs. of VOCs, and 2,709 lbs. of SO_2
10/16/05, 45 min.	Investigation No. 449838, Incident Nos. 66466, 67194, 67195, and 67196, Air Permit No. 3219 and PSD-TX-974, General Condition No. 8 - Shell failed to prevent incorrect manual adjustments of the hydrogen supply to the OP-2 acetylene converter, which resulted in unauthorized emissions and flaring of off-spec ethylene product at the OP2 Elevated Flare, the OP3 Elevated Flare, and the OP3 Ground Flare.	Olefins 2 Unit (EPN Nos. OP2ELFLA, OP3ELFLA, and OP3GRFLA) - 2,469 lbs. of ethylene, 1,015 lbs. of CO, and 308 lbs. of NOx

Compliance History

Customer/Respondent/Owner-Operator:	CN601405145	Shell Chemical LP	Classification: Average	Rating: 2.33
Regulated Entity:	RN100211879	SHELL OIL DEER PARK	Classification: Average	Site Rating: 2.77

ID Number(s):

AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0659W
AIR OPERATING PERMITS	PERMIT	1669
AIR OPERATING PERMITS	PERMIT	1668
AIR OPERATING PERMITS	PERMIT	1940
AIR OPERATING PERMITS	PERMIT	1941
AIR OPERATING PERMITS	PERMIT	1942
AIR OPERATING PERMITS	PERMIT	1943
AIR OPERATING PERMITS	PERMIT	1945
AIR OPERATING PERMITS	PERMIT	1946
AIR OPERATING PERMITS	PERMIT	1947
AIR OPERATING PERMITS	PERMIT	1948
AIR OPERATING PERMITS	PERMIT	2108
AIR OPERATING PERMITS	PERMIT	3179
WASTEWATER	PERMIT	WQ0000402000
WASTEWATER	PERMIT	TPDES0004863
WASTEWATER	PERMIT	TX0004863
WASTEWATER	PERMIT	WQ0000403000
WASTEWATER	PERMIT	TPDES0004871
AIR NEW SOURCE PERMITS	PERMIT	3180
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	REGISTRATION	54895
AIR NEW SOURCE PERMITS	REGISTRATION	55312
AIR NEW SOURCE PERMITS	REGISTRATION	76382
AIR NEW SOURCE PERMITS	REGISTRATION	75524
AIR NEW SOURCE PERMITS	REGISTRATION	55730
AIR NEW SOURCE PERMITS	REGISTRATION	55869
AIR NEW SOURCE PERMITS	REGISTRATION	55717
AIR NEW SOURCE PERMITS	REGISTRATION	76315
AIR NEW SOURCE PERMITS	EPA ID	PSDTX815
AIR NEW SOURCE PERMITS	PERMIT	70613
AIR NEW SOURCE PERMITS	PERMIT	48912
AIR NEW SOURCE PERMITS	PERMIT	70389
AIR NEW SOURCE PERMITS	PERMIT	56476
AIR NEW SOURCE PERMITS	PERMIT	56496
AIR NEW SOURCE PERMITS	PERMIT	70903
AIR NEW SOURCE PERMITS	PERMIT	71223
AIR NEW SOURCE PERMITS	REGISTRATION	71567
AIR NEW SOURCE PERMITS	PERMIT	50815
AIR NEW SOURCE PERMITS	PERMIT	54061
AIR NEW SOURCE PERMITS	PERMIT	52476
AIR NEW SOURCE PERMITS	PERMIT	52477
AIR NEW SOURCE PERMITS	PERMIT	50548
AIR NEW SOURCE PERMITS	PERMIT	52565
AIR NEW SOURCE PERMITS	PERMIT	52089
AIR NEW SOURCE PERMITS	PERMIT	52088
AIR NEW SOURCE PERMITS	PERMIT	50388
AIR NEW SOURCE PERMITS	PERMIT	50423
AIR NEW SOURCE PERMITS	PERMIT	70612
AIR NEW SOURCE PERMITS	REGISTRATION	74572
AIR NEW SOURCE PERMITS	REGISTRATION	75045
AIR NEW SOURCE PERMITS	EPA ID	PSDTX896
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928M1
AIR NEW SOURCE PERMITS	EPA ID	PSDTX961
AIR NEW SOURCE PERMITS	EPA ID	PSDTX974
AIR NEW SOURCE PERMITS	REGISTRATION	77284
AIR NEW SOURCE PERMITS	REGISTRATION	76699
AIR NEW SOURCE PERMITS	REGISTRATION	77952
AIR NEW SOURCE PERMITS	REGISTRATION	76265
AIR NEW SOURCE PERMITS	REGISTRATION	78839
AIR NEW SOURCE PERMITS	REGISTRATION	78864
AIR NEW SOURCE PERMITS	REGISTRATION	78624
AIR NEW SOURCE PERMITS	REGISTRATION	78816
AIR NEW SOURCE PERMITS	PERMIT	6949
AIR NEW SOURCE PERMITS	PERMIT	7855
AIR NEW SOURCE PERMITS	PERMIT	9856
AIR NEW SOURCE PERMITS	PERMIT	11177
AIR NEW SOURCE PERMITS	PERMIT	12152
AIR NEW SOURCE PERMITS	PERMIT	12537
AIR NEW SOURCE PERMITS	PERMIT	13373
AIR NEW SOURCE PERMITS	PERMIT	13713
AIR NEW SOURCE PERMITS	PERMIT	16429

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AIR NEW SOURCE PERMITS	PERMIT	1119
AIR NEW SOURCE PERMITS	PERMIT	1120
AIR NEW SOURCE PERMITS	PERMIT	3178
AIR NEW SOURCE PERMITS	PERMIT	3179
AIR NEW SOURCE PERMITS	PERMIT	3216
AIR NEW SOURCE PERMITS	PERMIT	5801
AIR NEW SOURCE PERMITS	PERMIT	6791
AIR NEW SOURCE PERMITS	PERMIT	7621
AIR NEW SOURCE PERMITS	PERMIT	9334
AIR NEW SOURCE PERMITS	PERMIT	10888
AIR NEW SOURCE PERMITS	PERMIT	11096
AIR NEW SOURCE PERMITS	PERMIT	11586
AIR NEW SOURCE PERMITS	PERMIT	12373
AIR NEW SOURCE PERMITS	PERMIT	12829
AIR NEW SOURCE PERMITS	PERMIT	13678
AIR NEW SOURCE PERMITS	PERMIT	15961
AIR NEW SOURCE PERMITS	PERMIT	8236
AIR NEW SOURCE PERMITS	PERMIT	9505
AIR NEW SOURCE PERMITS	PERMIT	15262
AIR NEW SOURCE PERMITS	PERMIT	15365
AIR NEW SOURCE PERMITS	PERMIT	15499
AIR NEW SOURCE PERMITS	PERMIT	15940
AIR NEW SOURCE PERMITS	PERMIT	18209
AIR NEW SOURCE PERMITS	PERMIT	18576
AIR NEW SOURCE PERMITS	PERMIT	18738
AIR NEW SOURCE PERMITS	PERMIT	18768
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	22038
AIR NEW SOURCE PERMITS	PERMIT	23273
AIR NEW SOURCE PERMITS	PERMIT	24096
AIR NEW SOURCE PERMITS	PERMIT	24874
AIR NEW SOURCE PERMITS	PERMIT	26368
AIR NEW SOURCE PERMITS	PERMIT	27598
AIR NEW SOURCE PERMITS	PERMIT	29597
AIR NEW SOURCE PERMITS	PERMIT	32282
AIR NEW SOURCE PERMITS	PERMIT	33524
AIR NEW SOURCE PERMITS	PERMIT	34230
AIR NEW SOURCE PERMITS	PERMIT	34358
AIR NEW SOURCE PERMITS	PERMIT	35243
AIR NEW SOURCE PERMITS	PERMIT	35608
AIR NEW SOURCE PERMITS	PERMIT	37206
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0659W
AIR NEW SOURCE PERMITS	AFS NUM	4820100039
AIR NEW SOURCE PERMITS	PERMIT	96
AIR NEW SOURCE PERMITS	PERMIT	97
AIR NEW SOURCE PERMITS	PERMIT	266
AIR NEW SOURCE PERMITS	PERMIT	747
AIR NEW SOURCE PERMITS	PERMIT	748
AIR NEW SOURCE PERMITS	PERMIT	920
AIR NEW SOURCE PERMITS	PERMIT	1920
AIR NEW SOURCE PERMITS	PERMIT	1968
AIR NEW SOURCE PERMITS	PERMIT	2597
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	PERMIT	3177
AIR NEW SOURCE PERMITS	PERMIT	3214
AIR NEW SOURCE PERMITS	PERMIT	3215
AIR NEW SOURCE PERMITS	PERMIT	3217
AIR NEW SOURCE PERMITS	PERMIT	3218
AIR NEW SOURCE PERMITS	PERMIT	3219
AIR NEW SOURCE PERMITS	PERMIT	3985A
AIR NEW SOURCE PERMITS	PERMIT	4256
AIR NEW SOURCE PERMITS	PERMIT	4406
AIR NEW SOURCE PERMITS	PERMIT	4596
AIR NEW SOURCE PERMITS	PERMIT	4933
AIR NEW SOURCE PERMITS	PERMIT	41920
AIR NEW SOURCE PERMITS	PERMIT	41875
AIR NEW SOURCE PERMITS	PERMIT	42221
AIR NEW SOURCE PERMITS	PERMIT	42573
AIR NEW SOURCE PERMITS	PERMIT	42512
AIR NEW SOURCE PERMITS	PERMIT	43605
AIR NEW SOURCE PERMITS	PERMIT	42118
AIR NEW SOURCE PERMITS	PERMIT	45654
AIR NEW SOURCE PERMITS	PERMIT	45653
AIR NEW SOURCE PERMITS	PERMIT	45652
AIR NEW SOURCE PERMITS	PERMIT	45944
AIR NEW SOURCE PERMITS	PERMIT	46535
AIR NEW SOURCE PERMITS	PERMIT	47575
AIR NEW SOURCE PERMITS	REGISTRATION	79604
AIR NEW SOURCE PERMITS	REGISTRATION	80525
AIR NEW SOURCE PERMITS	REGISTRATION	80503

AIR NEW SOURCE PERMITS	REGISTRATION	81503
AIR NEW SOURCE PERMITS	REGISTRATION	81971
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID	TXD067285973
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
UNDERGROUND INJECTION CONTROL	PERMIT	WDW172
UNDERGROUND INJECTION CONTROL	PERMIT	WDW173
PETROLEUM STORAGE TANK STAGE II	REGISTRATION	32780
WASTEWATER LICENSING	LICENSE	WQ0000402000
WATER LICENSING	LICENSE	1010320
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	6001443
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1010320
IHW CORRECTIVE ACTION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE COMPLIANCE PLANS	PERMIT	50099
PETROLEUM STORAGE TANK REGISTRATION	REGISTRATION	32780

Location: 5900 HIGHWAY 225 EAST, DEER PARK, TX, 77536 Rating Date: 9/1/2006 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: September 10, 2007

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: May 11, 2001 to May 11, 2006

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name: Suzanne Walrath Phone: 512/239-2134

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? Yes
3. If Yes, who is the current owner? Shell Deer Park Refining Company
Shell Chemical LP
Shell Oil Company
Deer Park Refining Limited Partnership
4. If Yes, who was/were the prior owner(s)? Resolution Performance Products, LLC

Shell Oil Company
Equilon Enterprises LLC
5. When did the change(s) in ownership occur? 12/3/2002
06/04/2004

Components (Multimedia) for the Site :

A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.

Effective Date: 07/21/2002 ADMINORDER 2001-0548-IHW-E

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter O 335.431[G]
40 CFR Chapter 268, SubChapter I, PT 268, SubPT D 268.40[G]

TWC Chapter 26 26.121

Description: Failure to prevent hazardous waste discharges to the Storm Water Impoundment Basin and failed to meet treatment standards for hazardous waste constituents (D007, D018,D028,D035,D038) entering the land disposal

units subject to requirements.
Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter C 335.69(a)(1)(B)
30 TAC Chapter 335, SubChapter E 335.112(a)(9)

40 CFR Chapter 262, SubChapter I, PT 262, SubPT C 262.34(a)(1)(i)
40 CFR Chapter 265, SubChapter I, PT 265, SubPT J 265.192[G]
40 CFR Chapter 265, SubChapter I, PT 265, SubPT J 265.193(a)(1)

Description: Containment and detection of releases.

Effective Date: 06/12/2003 ADMINORDER 2002-0478-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
40 CFR Part 61, Subpart V 61.242-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 4 PERMIT
Description: Failure to install redundant valves or end caps on open ended lines.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(d)(1)(i)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to adjust monitoring schedule to monthly from quarterly when leak rate exceeds 2%.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Part 63, Subpart G 63.114(a)(1)(ii)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 2 PERMIT
Description: Failure to install a temperature monitoring device in the gas stream immediately before and after the catalyst bed.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 8(A) PERMIT
Description: Failure to operate incinerator H9200 at a VOC outlet concentration of less than 20 ppmv.

Effective Date: 08/30/2004 ADMINORDER 2003-1321-AIR-E

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: MAERT PERMIT
Description: Failed to comply with the permitted limit established in the MAERT of Air Permit No. 9334 for benzene. Specifically, Shell failed to prevent the unauthorized emission of benzene at the ACU Tank Farm, Tank D-371, for a period of 58 minutes on April 28, 2003. The permitted benzene limit for Tank D-371 is 0.45 lbs/hour.

Effective Date: 09/26/2004 ADMINORDER 2004-0101-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.7(a)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.116(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to conduct flare performance testing in accordance with 40 CFR 63.11 within 180 days of startup or rule applicability.

Effective Date: 08/20/2005 ADMINORDER 2004-0867-IHW-E

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(11)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.103(c)

Description: Failure to conduct compliance testing for the PHenol-3 BIF and submit recertification of compliance within three years of the previous certification.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(14)
Description: Failure to cease the burning of waste in the Phenol-3 BIF on October 12, 2003.

Effective Date: 02/20/2006 ADMINORDER 2005-0765-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.721(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to obtain control emissions from an emissions event that occurred on December 21, 2000 at the Coker Unit.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)

30 TAC Chapter 101, SubChapter F 101.201(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit a complete final report for a reportable emissions event which occurred at the Coker Unit on December 21, 2000.

Effective Date: 02/20/2006 ADMINORDER 2005-0734-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent a power outage at Switchback 6B13 which resulted in unauthorized emissions from the HIPA Flare, HIPA Vent, Benji Vent (PC5500A), and Relief Valves RV0624, RV3033B, and RV0298 on May 9, 2004. Category A.11.i(6).

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain the ratio of hydrogen to acetylene in the converter resulting in the flaring of off-specification product resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on June 17, 2004.

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC #1 PERMIT
Description: Failed to prevent the lifting of Relief Valve RV3033B on the fat acid storage tank (T-75B) on June 27, 2004 which resulted in unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain steam pressure on the Olefins 2 Unit and operated the Propylene Refrigerator Compressor with a faulty suction/pressure indicating controller resulting in the flaring of off-specification products at the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on September 13, 2004.

Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: NSR Permit #3173, Special Condition #1 PA
Description: Failed to comply with the maximum allowable emission rates for carbon monoxide, volatile organic compounds ("VOC"), and nitrogen oxides and varied from permit representations for VOC emissions from the IPA Purge Line on September 6, 2004

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also Permit No. 3219, Gen. Condition 8 PERMIT
Description: Failed to control the ammonia concentration in the sour hydrogen feed resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on May 22, 2004. Category A.11.i(6).

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit initial notification of a reportable emissions event at the Isopropyl Alcohol (IPA) Unit which occurred on September 6, 2004 within 24 hours of discovery.

See addendum for information regarding federal actions.

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

N/A

D. The approval dates of investigations. (CCEDS Inv. Track. No.)

1	05/21/2001	(157744)
2	05/22/2001	(157689)
3	05/22/2001	(157695)
4	06/21/2001	(157699)
5	06/22/2001	(157748)
6	07/23/2001	(157752)
7	07/24/2001	(157703)
8	08/20/2001	(157755)
9	08/20/2001	(246533)
10	08/22/2001	(157707)
11	09/20/2001	(IE0000485016001)
12	09/21/2001	(157758)
13	09/24/2001	(157711)
14	10/19/2001	(157715)
15	10/26/2001	(157761)
16	11/01/2001	(157713)
17	11/23/2001	(157765)
18	11/26/2001	(157720)
19	12/19/2001	(157724)
20	12/27/2001	(157769)
21	01/13/2002	(246530)
22	01/24/2002	(157773)
23	01/28/2002	(157728)
24	02/04/2002	(246532)
25	02/22/2002	(157682)
26	02/26/2002	(157733)
27	03/25/2002	(157686)
28	03/25/2002	(157736)
29	04/22/2002	(157692)
30	04/26/2002	(157741)
31	05/28/2002	(157696)
32	05/29/2002	(157745)
33	06/24/2002	(157700)
34	06/27/2002	(157749)
35	07/08/2002	(1368)
36	07/17/2002	(4842)
37	07/23/2002	(157704)
38	07/25/2002	(157753)
39	08/01/2002	(4773)
40	08/02/2002	(4405)
41	08/13/2002	(2149)
42	08/16/2002	(157756)
43	08/19/2002	(7668)
44	08/21/2002	(8730)
45	08/22/2002	(157708)
46	08/24/2002	(4890)
47	08/24/2002	(4888)
48	08/28/2002	(5059)
49	08/28/2002	(5060)
50	08/29/2002	(8058)
51	08/31/2002	(9511)
52	08/31/2002	(9388)
53	08/31/2002	(10160)
54	08/31/2002	(9479)
55	08/31/2002	(10241)
56	08/31/2002	(10071)
57	08/31/2002	(9298)
58	08/31/2002	(9698)
59	08/31/2002	(8665)
60	08/31/2002	(10222)
61	08/31/2002	(10117)
62	08/31/2002	(10030)
63	08/31/2002	(9860)
64	08/31/2002	(4913)

65	08/31/2002	(9964)
66	08/31/2002	(4915)
67	08/31/2002	(9758)
68	08/31/2002	(10403)
69	09/23/2002	(157712)
70	09/26/2002	(12173)
71	09/27/2002	(157759)
72	10/02/2002	(12436)
73	10/15/2002	(5839)
74	10/23/2002	(157716)
75	10/23/2002	(157718)
76	10/28/2002	(157762)
77	11/04/2002	(14763)
78	11/21/2002	(157721)
79	11/27/2002	(157766)
80	12/03/2002	(13971)
81	12/06/2002	(13895)
82	12/09/2002	(14114)
83	12/17/2002	(16626)
84	12/19/2002	(13703)
85	12/23/2002	(157770)
86	12/23/2002	(15106)
87	12/30/2002	(157725)
88	12/31/2002	(13462)
89	01/09/2003	(19750)
90	01/10/2003	(20830)
91	01/13/2003	(246531)
92	01/24/2003	(17948)
93	01/27/2003	(157729)
94	01/28/2003	(157774)
95	02/05/2003	(23703)
96	02/10/2003	(157684)
97	02/12/2003	(24287)
98	02/13/2003	(22044)
99	02/20/2003	(10139)
100	02/24/2003	(157683)
101	02/24/2003	(22731)
102	02/28/2003	(157734)
103	03/25/2003	(157687)
104	03/31/2003	(10812)
105	03/31/2003	(157737)
106	04/03/2003	(19124)
107	04/23/2003	(157693)
108	04/29/2003	(157742)
109	05/09/2003	(26339)
110	05/10/2003	(450832)
111	05/11/2003	(26340)
112	05/22/2003	(157697)
113	05/27/2003	(157746)
114	05/30/2003	(36614)
115	06/05/2003	(29924)
116	06/16/2003	(114383)
117	06/24/2003	(157701)
118	06/25/2003	(157750)
119	06/26/2003	(60695)
120	06/28/2003	(33595)
121	07/23/2003	(284079)
122	07/23/2003	(295231)
123	07/25/2003	(157705)
124	07/25/2003	(157709)
125	08/06/2003	(114294)
126	08/12/2003	(148558)
127	08/23/2003	(36650)
128	08/26/2003	(295233)
129	08/29/2003	(149848)
130	09/22/2003	(295235)
131	09/25/2003	(295217)
132	10/22/2003	(249626)
133	10/23/2003	(295219)
134	10/27/2003	(295237)
135	10/28/2003	(252341)
136	11/21/2003	(295220)
137	11/26/2003	(295238)
138	11/30/2003	(248256)
139	12/17/2003	(295221)

140	12/23/2003	(295239)
141	01/02/2004	(257380)
142	01/02/2004	(252698)
143	01/04/2004	(251319)
144	01/14/2004	(254260)
145	01/21/2004	(252556)
146	01/22/2004	(295240)
147	01/26/2004	(295222)
148	01/28/2004	(261052)
149	02/23/2004	(248995)
150	02/23/2004	(432673)
151	02/27/2004	(295223)
152	03/16/2004	(295208)
153	03/24/2004	(295225)
154	03/31/2004	(260311)
155	04/16/2004	(256199)
156	04/21/2004	(295209)
157	04/23/2004	(295226)
158	05/19/2004	(256196)
159	05/19/2004	(295206)
160	05/19/2004	(295211)
161	05/25/2004	(268601)
162	05/25/2004	(295228)
163	05/25/2004	(266874)
164	05/26/2004	(273578)
165	06/03/2004	(270210)
166	06/09/2004	(272409)
167	06/18/2004	(271341)
168	06/18/2004	(270854)
169	06/21/2004	(295213)
170	06/23/2004	(352010)
171	07/14/2004	(260134)
172	07/22/2004	(352011)
173	07/26/2004	(352004)
174	08/11/2004	(288458)
175	08/11/2004	(288745)
176	08/11/2004	(287418)
177	08/11/2004	(287399)
178	08/16/2004	(279252)
179	08/16/2004	(279239)
180	08/23/2004	(352012)
181	08/24/2004	(352003)
182	08/24/2004	(352005)
183	08/31/2004	(272715)
184	08/31/2004	(267451)
185	08/31/2004	(268068)
186	08/31/2004	(292677)
187	09/07/2004	(292099)
188	09/22/2004	(352013)
189	09/30/2004	(287575)
190	10/04/2004	(352006)
191	10/18/2004	(335028)
192	10/20/2004	(352007)
193	10/20/2004	(352014)
194	11/11/2004	(289756)
195	11/12/2004	(290146)
196	11/12/2004	(288819)
197	11/22/2004	(285617)
198	11/22/2004	(352015)
199	11/23/2004	(352008)
200	11/29/2004	(339553)
201	12/05/2004	(268602)
202	12/10/2004	(338725)
203	12/11/2004	(341292)
204	12/11/2004	(342406)
205	12/11/2004	(342558)
206	12/14/2004	(341177)
207	12/14/2004	(342547)
208	12/15/2004	(340217)
209	12/17/2004	(339115)
210	12/20/2004	(352016)
211	12/21/2004	(342546)
212	12/27/2004	(352009)
213	12/28/2004	(290091)
214	12/28/2004	(338893)

215	12/29/2004	(342425)
216	12/30/2004	(342431)
217	12/30/2004	(344374)
218	12/30/2004	(344491)
219	01/04/2005	(288475)
220	01/04/2005	(285114)
221	01/04/2005	(288902)
222	01/04/2005	(342600)
223	01/04/2005	(293105)
224	01/05/2005	(289527)
225	01/05/2005	(288541)
226	01/06/2005	(344370)
227	01/06/2005	(344373)
228	01/06/2005	(289146)
229	01/07/2005	(288436)
230	01/09/2005	(289381)
231	01/10/2005	(286434)
232	01/10/2005	(287676)
233	01/10/2005	(279219)
234	01/20/2005	(381814)
235	01/24/2005	(381811)
236	01/26/2005	(342583)
237	01/31/2005	(342585)
238	02/01/2005	(342419)
239	02/22/2005	(350798)
240	02/22/2005	(381812)
241	02/23/2005	(371820)
242	03/22/2005	(381813)
243	03/23/2005	(381809)
244	03/28/2005	(381810)
245	04/01/2005	(346780)
246	04/22/2005	(419640)
247	04/22/2005	(419642)
248	04/22/2005	(575179)
249	04/29/2005	(344372)
250	05/03/2005	(373899)
251	05/09/2005	(378729)
252	05/18/2005	(575182)
253	05/25/2005	(380203)
254	06/17/2005	(392662)
255	06/20/2005	(575185)
256	06/21/2005	(419641)
257	06/21/2005	(419643)
258	06/28/2005	(394944)
259	07/13/2005	(374690)
260	07/18/2005	(575188)
261	07/18/2005	(379933)
262	07/18/2005	(379934)
263	07/20/2005	(400891)
264	07/21/2005	(400399)
265	07/28/2005	(379300)
266	08/02/2005	(400361)
267	08/03/2005	(399624)
268	08/05/2005	(341201)
269	08/05/2005	(341194)
270	08/05/2005	(341195)
271	08/05/2005	(341198)
272	08/05/2005	(341200)
273	08/10/2005	(403710)
274	08/15/2005	(453221)
275	08/16/2005	(404329)
276	08/16/2005	(404327)
277	08/18/2005	(404406)
278	08/22/2005	(400922)
279	08/22/2005	(575191)
280	08/23/2005	(401945)
281	08/23/2005	(404915)
282	08/25/2005	(405926)
283	08/30/2005	(401403)
284	09/23/2005	(440775)
285	09/23/2005	(440776)
286	09/27/2005	(575193)
287	09/28/2005	(431096)
288	10/04/2005	(405964)
289	10/05/2005	(407310)

290 10/05/2005 (406803)
291 10/05/2005 (431097)
292 10/05/2005 (431095)
293 10/10/2005 (406428)
294 10/24/2005 (468331)
295 10/24/2005 (575195)
296 10/26/2005 (433389)
297 10/28/2005 (405406)
298 11/03/2005 (431819)
299 11/04/2005 (431796)
300 11/04/2005 (431865)
301 11/14/2005 (371956)
302 11/23/2005 (433921)
303 11/23/2005 (575197)
304 11/28/2005 (437043)
305 11/28/2005 (468332)
306 11/30/2005 (437117)
307 12/08/2005 (418800)
308 12/16/2005 (451110)
309 12/21/2005 (575199)
310 12/22/2005 (575200)
311 12/27/2005 (468333)
312 01/24/2006 (451885)
313 01/24/2006 (468334)
314 01/24/2006 (575201)
315 02/16/2006 (454090)
316 02/21/2006 (455170)
317 02/21/2006 (575174)
318 02/21/2006 (454835)
319 02/23/2006 (455872)
320 02/23/2006 (455897)
321 02/23/2006 (439108)
322 02/24/2006 (438342)
323 02/24/2006 (468329)
324 02/25/2006 (456944)
325 02/25/2006 (457085)
326 02/27/2006 (457162)
327 02/27/2006 (456661)
328 02/28/2006 (457143)
329 02/28/2006 (457152)
330 03/03/2006 (455540)
331 03/09/2006 (457675)
332 03/15/2006 (458469)
333 03/17/2006 (451544)
334 03/20/2006 (431859)
335 03/20/2006 (571632)
336 03/21/2006 (575176)
337 03/23/2006 (290016)
338 03/23/2006 (468330)
339 03/28/2006 (405965)
340 04/03/2006 (455004)
341 04/21/2006 (575180)
342 04/24/2006 (449499)
343 04/24/2006 (498125)
344 04/25/2006 (449838)
345 04/26/2006 (455005)
346 04/27/2006 (440023)
347 04/28/2006 (462216)
348 05/10/2006 (266908)
349 05/10/2006 (268067)

E. Written notices of violations (NOV). (CCEDS Inv. Track. No.)

Date 06/30/2001 (157752)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date 08/20/2001 (246533)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date 09/30/2001 (157761)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter
Date 10/31/2001 (157765)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date 11/30/2001 (157769)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date 12/31/2001 (157773)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date 12/31/2001 (157728)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date 01/13/2002 (246530)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Date 02/04/2002 (246532)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Date 02/28/2002 (157736)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date 05/31/2002 (157749)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date 12/30/2002 (13462)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to comply with permitted effluent limits for pH, Oil and Grease, TOC, and BOD.

Date 12/31/2002 (157729)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date 01/24/2003 (17948)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(10)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
Description: Failure to identify cause of the event and failure to comply with TCEQ Air Permit 3219.

Date 01/31/2003 (157683)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date 06/28/2003 (33595)
Self Report? NO Classification: Moderate
Citation: 5C THC Chapter 382, SubChapter A 382.085(a)
Description: Failed to prevent an emissions release by good design, operation, and maintenance practices.

Date 09/30/2003 (295219)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date 11/30/2003 (295239)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date 01/04/2004 (251319)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT TCEQ AIR PERMIT #19849, SC #1
Description: Shell allowed 237 lbs of unauthorized emissions of mesityl oxide (a highly irritating ketone, which overflowed Tank T-40-16 due to an inaccurate level indicator and failure to respond to a high level alarm from the back up high level alarm system.

Date 01/14/2004 (254260)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT TCEQ AIR PERMIT #3219, SC #4
Description: Main induced-draft fan on Boiler H-8610 shut down when governor seized due to dirty oil (inadequate attention to the status of the oil). The (large) boiler tripped on loss of the fan. Two olefin plants were shut down due to insufficient steam supply to the steam turbines driving the large critical compressors.

Date 01/21/2004 (252556)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
Rqmt Prov: PERMIT TCEQ AIR PERMIT #21262, SC #1
Description: Shell damaged the lube oil pump for the Recycle Gas Compr. Either possible root cause (failure to prime the pump or improperly installing the new motive screws) avoidably damaged those screws. Shell failed to control SO2 emissions during a startup activity.

Date 04/30/2004 (295228)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date 06/30/2004 (352011)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date 07/13/2004 (260134)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT TCEQ AIR PERMIT #920, SC #1
Description: Failure to report an emissions event in a timely manner.

Date 08/31/2004 (272715)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC #8
Description: Failure to operate within the permit limits.

Date 08/31/2004 (267451)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 21262 and PSD-TX-928
Description: Failure to prevent unauthorized emissions.

Date 09/22/2004 (335028)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.46(m)
Description: Failure to maintain all pressure maintenance facilities and related appurtenances in a watertight condition.

Date 11/22/2004 (285617)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC #8
Description: Failure to operate within the permit limits.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
Description: Failure to indicate the air contaminants from the flare completely in the final report.

Date 11/30/2004 (352009)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date 12/14/2004 (340217)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(4)
30 TAC Chapter 305, SubChapter F 305.125(5)
TWC Chapter 26 26.121(a)(1)
Description: Failure to prevent the unauthorized discharge of untreated or partially treated process, sanitary, balast, and utility wastewaters through outfall 008. The permittee is authorized to discharge storm water and fire water only to outfall 008. See attached Table 1.

Date 12/28/2004 (290091)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC #8
Description: Failure to avoid loss of cooling in the PRC surface condensate system.

Date 12/30/2004 (344491)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA Permit #21262/PSD-TX-928, SC#1
Description: Failure to control emissions.

Date 12/30/2004 (344374)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA Permit #s:21262,PSD-TX-928, SC #1
Description: Failure to Control Emissions

Date 01/04/2005 (342600)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC # 8
Description: Failure to control hydrate formation in the demethanizer column.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
Description: Failure to report emissions event in a timely manner.

Date 01/07/2005 (288436)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 21262 and PSD-TX-928
Description: Exceeded permit limits during an avoidable emissions event.

Date 01/09/2005 (289381)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT TCEQ Air Permit #3219 and PSD-TX-974
Description: Exceeded permit limits during an avoidable emissions event.

Date 03/31/2005 (419640)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date 04/29/2005 (344372)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]

5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to control emissions.
Date 06/20/2005 (395120)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 9334, Gen. Condition #8
Description: Failure to prevent spill during tank heel transfer.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failure to submit an emissions event in a timely manner.
Date 07/31/2005 (419643)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date 07/31/2005 (575191)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date 08/17/2005 (404327)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 110.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 150.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 180.
Date 10/10/2005 (406428)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to control emissions.
Date 12/08/2005 (418800)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to maintain compliance with the effluent permit limits. Effluent violations were reported for ammonia-nitrogen at outfall 104 in 07/05 and for calcium, nickel and fecal coliform at outfall 001 in 03/05.

Date 02/23/2006 (439108)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA 3219 AND PSD-TX-974
Description: Exceeded permit limits during an avoidable emissions event.
Date 02/27/2006 (438342)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failed to control unauthorized emissions.
Date 04/04/2006 (455004)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA NSR Permit #3173, Special Condition #1
Description: Failure to control unauthorized emissions for Incident #64365.

F. Environmental audits.

Notice of Intent Date: 04/17/2001 (36424)
Disclosure Date: 07/02/2001

Viol. Classification: Moderate
Rqmt PERMIT SC 8 & 9
Description: Special condition 9 of Permit 9334 specifically exempts 5 valves from the requirements of a rupture disc and pressure gauge. Relief valve RV-1960 in the OXU Aromatics Unit is not included in exempted listing and must meet the requirements of SC 8.

Viol. Classification: Moderate
Rqmt PERMIT SC 13
Description: Tank G359 is permitted for one defined operating scenario. The sites historical annual emissions inventory submittals (AEI) identify three different operating scenarios for the tank.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B
Description: Tank G359 was storing mateiral with vapor pressure greater than 1.5 psi while only having a vapor-mounted primary seal for emission controls.

Notice of Intent Date: 06/12/2001 (32699)

Disclosure Date: 11/13/2001

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A
30 TAC Chapter 113, SubChapter C
40 CFR Part 63, Subpart G
Description: Two lines routed to a Group 1 process vent have bypass lines that do not have flow indicators nor are they secured in the non-diverting position with a car seal.

Notice of Intent Date: 07/10/2001 (32742)
No DOV Associated

Notice of Intent Date: 07/10/2001 (32743)
No DOV Associated

Notice of Intent Date: 08/14/2001 (32759)
No DOV Associated

Notice of Intent Date: 08/20/2001 (32762)
Disclosure Date: 09/14/2001

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A
30 TAC Chapter 116, SubChapter B
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF
40 CFR Part 63, Subpart G
Description: Failure to maintain complete and continuous recording of pilot flame presence for the ground flare and elevated flares.

Notice of Intent Date: 09/26/2001 (32825)
No DOV Associated

Notice of Intent Date: 11/19/2001 (32880)
No DOV Associated

Notice of Intent Date: 01/18/2002 (32901)
Disclosure Date: 02/08/2002

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN
Description: Failure to acquire approval to waive the requirements of a continuous pilot flame recorder for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN
Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A
40 CFR Part 60, Subpart NNN
Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FINID numbers IRUFLR and TRUFLRG.

Notice of Intent Date: 03/01/2002 (32928)
No DOV Associated

Notice of Intent Date: 03/19/2002 (32937)
No DOV Associated

Notice of Intent Date: 04/12/2002 (32949)
No DOV Associated

Notice of Intent Date: 05/30/2002 (32974)
No DOV Associated

Notice of Intent Date: 06/26/2002 (32979)
No DOV Associated

Notice of Intent Date: 07/16/2002 (33993)
No DOV Associated

Notice of Intent Date: 08/19/2002 (33022)
No DOV Associated

Notice of Intent Date: 09/04/2002 (33051)
No DOV Associated

Notice of Intent Date: 09/16/2002 (33069)
No DOV Associated

Notice of Intent Date: 10/29/2002 (33101)
No DOV Associated

Notice of Intent Date: 11/20/2002 (33116)
No DOV Associated

Notice of Intent Date: 12/20/2002 (265131)
Disclosure Date: 06/24/2003

Viol. Classification: Major
Citation: 30 TAC Chapter 116, SubChapter B
Description: Failed to authorize emissions from rail car cleaning.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A
Description: Failed to report emissions from EPN Carclean in emissions inventory.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter F
Description: Failed to justify control efficiency of railcar cleaning CAS.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F
Description: Failed to keep records of CAS breakthrough monitoring.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B
Description: failed to submit compliance plan with application

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F
Description: failed to process tank cars with partial vapor pressure of >= 0.5 psia through properly operating control system

Notice of Intent Date: 01/12/2003 (32908)
No DOV Associated

Notice of Intent Date: 11/20/2003 449697
No DOV Associated

Notice of Intent Date: 02/26/2003 (263866)
No DOV Associated

Notice of Intent Date: 02/26/2003 (29900)
No DOV Associated

Notice of Intent Date: 04/28/2003 (263686)
No DOV Associated

Notice of Intent Date: 05/27/2003 (112481)
No DOV Associated

Notice of Intent Date: 06/13/2003 (251436)
No DOV Associated

Notice of Intent Date: 06/12/2003 (251440)
Disclosure Date: 09/04/2003

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B
Description: Failure to maintain and compile inspection reports that document all of the elements required by the applicable regulations.

30

Notice of Intent Date: 06/19/2003 (397860)
No DOV Associated

Notice of Intent Date: 08/12/2003 (251504)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251740)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251760)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263020)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263024)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263025)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263029)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263033)
Disclosure Date: 12/07/2004

Viol. Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter B
Description: records not available for daily sampling/analysis results for vapor pressure of the wastewater streams procssed by the unit's API separator

Notice of Intent Date: 11/20/2003 (449697)
No DOV Associated

40 Notice of Intent Date: 02/20/2004 (265126)
No DOV Associated

Notice of Intent Date: 08/06/2004 (334038)
Disclosure Date: 10/12/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F
Rqmt PERMIT Compliance b. Operational Requirements 1
PERMIT General b.
Description: noncompliance with requirement to maintain all facilities and systems of treatment and control (and related appurtenances)

Notice of Intent Date: 08/06/2004 (334047)
No DOV Associated

Notice of Intent Date: 08/27/2004 (334576)
No DOV Associated

Notice of Intent Date: 10/12/2004 (349555)
No DOV Associated

Notice of Intent Date: 10/28/2004 (263123)
No DOV Associated

Notice of Intent Date: 11/11/2004 (349565)
No DOV Associated

Notice of Intent Date: 01/04/2005 (349867)
Disclosure Date: 06/17/2005

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA
Description: documentation was not readily available to fully demonstrate that a formal refinery maximum achievable control technology applicability determination (ie >5% HAPS) had been made for equipment in light crude service

Viol. Classification: Minor
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A
Description: one New Source Performance Standard (NSPS) notification for Start of Construction and Start of Operation for the CGHT unit could not be located

Viol. Classification: Minor
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A
40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG
Description: documentation was not readily available to fully demonstrate that the process to determine if a project triggered NSPS "Modification" was being completed for NSPS Subpart GGG compliance

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A
40 CFR Chapter 372, SubChapter J, PT 372, SubPT B
Description: emissions from fueling of vehicles in the Deer Park Refinery were not included in emissions inventories as required

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A
Description: documentation was not readily available to demonstrate the development of a formal startup, shutdown, and malfunction plan (SSMP), and to document that when appropriate, a semi-annual report was submitted

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA
Description: documentation was not readily available to fully demonstrate the group 1 or group 2 applicability determination for miscellaneous process vents

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F
Description: although monthly monitoring of cooling water return to the HON SWT was conducted and no leaks were detected, it is unclear whether there was complete compliance wiht HON requirements

Viol. Classification: Moderate
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF
Description: annual LDAR instrument monitoring of CPI and IGF benzene wastewater equipment had not been performed as required by benzene waste NESHAP regulations

Viol. Classification: Moderate
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF
Description: periodic visual inspection of the CPI and IGF benzene wastewater equipment to ensure access hatches and other openings are properly closed and gasketed had not been performed as required by the benzene waste NESHAP regulations

Notice of Intent Date: 01/06/2005 (349868)
No DOV Associated

Notice of Intent Date: 01/05/2005 (371573)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350720)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350721)
Disclosure Date: 03/23/2005

Viol. Classification: Moderate
Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT F
Description: failed to meet requirements for maintenance/start-up/shutdown related activities

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
Description: incorporation by reference of 40 CFR 63 Subpart F (SOCMI MACT standard)

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C

Description: incorporation by reference of 40 CFR 63 Subpart G (SOCMI for Process Vents, Storage Vessels, Transfer Operations, and Wastewater MACT standard)

Notice of Intent Date: 01/27/2005 (350723)

Disclosure Date: 07/06/2005

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter C
40 CFR Chapter 262, SubChapter I, PT 262, SubPT C
Description: Equipment associated with a decommissioned cumene unit in the Phenol Acetone Production Areas was not properly decontaminated when shut down in 2001. Process vessels, pumps, exchangers, and piping contain material that meets the definition of a characteristically hazardous waste (D002, D018).

Notice of Intent Date: 03/02/2005 (375030)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375031)
Disclosure Date: 07/14/2005

Viol. Classification: Minor
Rqmt PERMIT Air New Source Permit No. 9334 SC 10.D
Description: no notification 30 days in advance of 11/04 seal gap measurement for Aromatics EFR tank G-359

Viol. Classification: Minor
Rqmt PERMIT Air New Source Permits
Description: no notification 30 days in advance of refilling of Solvents IFR tank T140B, Phenol Acetone IFR tank D391, Solvents IFR tank F337

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G
Rqmt PERMIT Permit 9334 Special Condition 10D
Description: no 10 yr internal seal inspection of Aromatics IFR tank F-361

Notice of Intent Date: 04/15/2005 (380864)
No DOV Associated

Notice of Intent Date: 05/18/2005 (396476)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434090)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434095)
No DOV Associated

Notice of Intent Date: 11/04/2005 (438422)
No DOV Associated

Notice of Intent Date: 12/02/2005 (451075)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452942)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452952)
No DOV Associated

Notice of Intent Date: 04/16/2006 463688
No DOV Associated

G. Type of environmental management systems (EMSs).
Non 30 TAC CH 90 Certified, ISO 14001:2004 installed 1/12/2005, certified 1/19/2006

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

Type	Tier	Certification Date
Clean Texas Program	Partnership	12/20/2004
Clean Texas Program	Partner	12/20/2004

J. Early compliance.

Sites Outside of Texas

N/A

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	MOTIVA ENTERPRISES, LLC.	CUSTOMER NO.:	CN600124051
REGULATED ENTITY:	SHELL OIL DEER PARK	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 HWY. 225		
REG. ENTITY CITY:	DEER PARK		

Violations

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	CAA
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	112
CASE RESULT:	Final Order With Penalty	CITATION:	40CFR
		CITE PART:	61
		CITE SECT.:	342(C)
		PROGRAM:	NESHAPs
		VIOLATION TYPE:	Nat. Emis. Standard - Haz. Air Pollutant

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	
CASE RESULT:	Final Order With Penalty	CITATION:	40CFR
		CITE PART:	61
		CITE SECT.:	357
		PROGRAM:	
		VIOLATION TYPE:	Violations Of Reporting Requirements

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	
CASE RESULT:	Final Order With Penalty	CITATION:	
		CITE PART:	
		CITE SECT.:	
		PROGRAM:	
		VIOLATION TYPE:	Air Emissions not otherwise specified

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	
CASE RESULT:	Final Order With Penalty	CITATION:	
		CITE PART:	
		CITE SECT.:	
		PROGRAM:	
		VIOLATION TYPE:	Refinery Fuel Gas

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	
CASE RESULT:	Final Order With Penalty	CITATION:	
		CITE PART:	
		CITE SECT.:	
		PROGRAM:	
		VIOLATION TYPE:	UST Leak Detection and Repair

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	Shell Chemical Company	CUSTOMER NO.:	CN601405145
REGULATED ENTITY:	Shell Chemical Company Deer Park	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 Hwy 225		
REG. ENTITY CITY:	Deer Park		

Violations

EPA CASE NO:	06-1998-0547	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20011015	STATUTE:	CAA
		SECT. OF STATUTE:	112R
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	
		CITE PART:	
		CITE SECT:	
		PROGRAM:	NESHAPs
CASE RESULT:	Final Order With Penalty	VIOLATION TYPE:	Other/Miscellaneous

Penalty Calculation Worksheet (PCW)

Policy Revision 2 (September 2002) *PCW Revision April 25, 2006*

TCEQ

DATES						
Assigned	20-Jun-2006					
PCW	30-Jan-2008	Screening	05-Jul-2006	EPA Due	06-Mar-2007	

RESPONDENT/FACILITY INFORMATION

Respondent	Shell Chemical LP		
Reg. Ent. Ref. No.	RN100211879		
Facility/Site Region	12-Houston	Major/Minor Source	Major Source

CASE INFORMATION

Enf./Case ID No.	28867	No. of Violations	5
Docket No.	2006-0328-MLM-E	Order Type	Findings
Media Program(s)	Air Quality	Enf. Coordinator	Trina Grieco
Multi-Media		EC's Team	Enforcement Team 6
Admin. Penalty $ Limit Minimum	$0	Maximum	$10,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) *Subtotal 1* $17,600

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 283% Enhancement *Subtotals 2, 3, & 7* $49,808

Notes: Penalty enhancement due to 25 NOVs issued for the same or similar violations, 26 NOVs issued for non-similar violations, which includes 19 self-reported effluent violations, five agreed orders issued with denial of liability, two agreed orders issued without denial of liability, and two consent decree/court orders with denial of liability. Penalty reduction due to submittal of 62 notice of audit letters, 13 violation disclosures, an environmental management system in place for one year or more, and participation in a voluntary pollution reduction program.

Culpability No 0% Enhancement *Subtotal 4* $0

Notes: The Respondent does not meet the culpability criteria.

Good Faith Effort to Comply 0% Reduction *Subtotal 5* $0

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary		
N/A	x	*(mark with a small x)*

Notes: The Respondent does not meet the good faith effort criteria.

Economic Benefit 0% Enhancement* *Subtotal 6* $0

**Capped at the Total EB $ Amount*

Total EB Amounts	$237
Approx. Cost of Compliance	$8,500

SUM OF SUBTOTALS 1-7 Final Subtotal $67,408

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment $0

Reduces or enhances the Final Subtotal by the indicated percentage. *(Enter number only; e.g. -30 for -30%.)*

Notes:

Final Penalty Amount $67,408

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty $39,108

DEFERRAL 0% Reduction Adjustment $0

Reduces the Final Assessed Penalty by the indicted percentage. *(Enter number only; e.g. 20 for 20% reduction.)*

Notes: No deferral offered since this is a Findings Order.

PAYABLE PENALTY $39,108

PCW 2

Screening Date 05-Jul-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision April 25, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Compliance History Worksheet

>> **Compliance History *Site* Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action *(number of NOVs meeting criteria)*	25	125%
	Other written NOVs	26	52%
Orders	Any agreed final enforcement orders containing a denial of liability *(number of orders meeting criteria)*	5	100%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	2	50%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government *(number of judgements or consent decrees meeting criteria)*	2	60%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government *(number of counts)*	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which notices were*	63	-63%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which violations were disclosed)*	13	-26%

		Please Enter Yes or No	
Other	Environmental management systems in place for one year or more	Yes	-10%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	Yes	-5%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) **283%**

>> **Repeat Violator (Subtotal 3)**

No

Adjustment Percentage (Subtotal 3) **0%**

>> **Compliance History *Person* Classification (Subtotal 7)**

Average Performer

Adjustment Percentage (Subtotal 7) **0%**

>> **Compliance History Summary**

Compliance History Notes

Penalty enhancement due to 25 NOVs issued for the same or similar violations, 26 NOVs issued for non-similar violations, which includes 19 self-reported effluent violations, five agreed orders issued with denial of liability, two agreed orders issued without denial of liability, and two consent decree/court orders with denial of liability. Penalty reduction due to submittal of 62 notice of audit letters, 13 violation disclosures, an environmental management system in place for one year or more, and participation in a voluntary pollution reduction program.

Total Adjustment Percentage (Subtotals 2, 3, & 7) **283%**

Screening Date 05-Jul-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision April 25, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number 1 Investigation No. 449850

Primary Rule Cite(s) 30 Tex. Admin. Code § 116.115(b)(2)(F), Air Permit No. 3219, General Condition 8

Secondary Rule Cite(s) Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 410.73 pounds ("lbs") of the highly reactive ("HR") volatile organic compound ("VOC") ethylene were released through three flares, emission point numbers ("EPNs") OP2ELFLA, OP3ELFLA, and OP3GRFLA (Incident No. 67240), unauthorized emission of 1,074 lbs of the HR VOC ethylene, 30.50 lbs of carbon monoxide ("CO"), and 4.20 lbs of nitrogen oxides ("NOx") were released through Pump POL-431 (Incident No, 67244), and unauthorized emissions of 847.48 lbs of CO and 117.28 lbs of NOx were released through two flares and a flare vent, EPNs OP2ELFLA and OP3ELFLA (Incident Nos. 67423, 67245, and 67426), during an emissions event that occurred on October 30, 2005 and lasted 8 hours and 15 minutes. The emissions from Incident No. 67244 are not authorized by the permit. Since the emissions event was avoidable, Shell Chemical LP failed to meet the demonstration criteria for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

	Harm		
Release	Major	Moderate	Minor
Actual			x
Potential			

OR

Percent 25%

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: Human health or the environment has been exposed to insignificant amounts of pollutants which did not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment -$7,500

Base Penalty Subtotal $2,500

Violation Events

Number of Violation Events 1 | 1 Number of violation days

mark only one use a small x	
daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $2,500

One single event is recommended.

Economic Benefit (EB) for this violation

Estimated EB Amount $187

Statutory Limit Test

Violation Final Penalty Total $9,575

This violation Final Assessed Penalty (adjusted for limits) $9,575

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)	$2,000	30-Oct-2005	01-Mar-2007	1.3	$9	$178	$187
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)				0.0	$0	n/a	$0

Notes for DELAYED costs: Estimated cost to implement measures designed to prevent the recurrence of emissions events due to the same cause. Date required based on the date of the release. Final date based on the projected compliance date.

Avoided Costs (ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs))							
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0

Notes for AVOIDED costs:

Approx. Cost of Compliance: $2,000

TOTAL $187

Screening Date 05-Jul-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

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Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number 2 Investigation No. 455296

Primary Rule Cite(s) 30 Tex. Admin. Code § 116.115(b)(2)(F), Air Permit No. 3219, General Condition 8

Secondary Rule Cite(s) Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 272 lbs of the HR VOC ethylene, 236 lbs of CO, and 32 lbs of NOx were released through a flare and flare vent, EPN OP2ELFLA, (Incident Nos. 69662 and 69663) during an emissions event that occurred on December 24, 2005 and lasted 1 hour. Since the emissions event was avoidable, Shell Chemical LP failed to meet the demonstration criteria for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

	Harm		
Release	Major	Moderate	Minor
Actual			x
Potential			

OR

Percent 25%

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: Human health or the environment has been exposed to insignificant amounts of pollutants which did not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment -$7,500

Base Penalty Subtotal $2,500

Violation Events

Number of Violation Events 1 | 1 Number of violation days

mark only one use a small x	
daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $2,500

One single event is recommended.

Economic Benefit (EB) for this violation

Estimated EB Amount $25

Statutory Limit Test

Violation Final Penalty Total $9,575

This violation Final Assessed Penalty (adjusted for limits) $9,575

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)	$2,000	25-Jan-2006	01-Apr-2006	0.2	$1	$24	$25
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)				0.0	$0	n/a	$0
Notes for DELAYED costs	Estimated cost to implement measures designed to prevent the recurrence of emissions events due to the same cause. Date required based on the date of the release. Final date based on the compliance date.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance $2,000

TOTAL $25

Screening Date 05-Jul-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision April 25, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number 3 Investigation No. 467537

Primary Rule Cite(s) 30 Tex. Admin. Code § 101.201[c]

Secondary Rule Cite(s) Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to submit an emissions event report within two weeks after the end of the event. Specifically, the emissions event (Incident No. 69570) ended December 21, 2005 at 12:00 a.m., but the final report was not submitted until January 4, 2006 at 2:38 p.m.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

	Harm		
Release	Major	Moderate	Minor
Actual			
Potential			

OR **Percent**

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor
			x

Percent 1%

Matrix Notes: At least 70% of the rule requirement was met.

Adjustment -$9,900

Base Penalty Subtotal $100

Violation Events

Number of Violation Events 1 | 1 Number of violation days

mark only one use a small x	
daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $100

One single event is recommended.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount $1 **Violation Final Penalty Total** $383

This violation Final Assessed Penalty (adjusted for limits) $383

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling	$500.00	04-Jan-2006	20-Jan-2006	0.0	$1	n/a	$1
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)				0.0	$0	n/a	$0

Notes for DELAYED costs: Estimated cost to implement measures designed to ensure timely reporting of emissions events. Date required is the date the report was due. Final date is the date of compliance.

Avoided Costs ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0

Notes for AVOIDED costs:

Approx. Cost of Compliance: $500

TOTAL $1

Screening Date 05-Jul-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision April 25, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number 4 Investigation No. 467537

Primary Rule Cite(s)	30 Tex. Admin. Code § 116.715(a), Air Permit No. 21262, Special Condition 1
Secondary Rule Cite(s)	Tex. Health & Safety Code § 382.085(b)
Violation Description	Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 2,815.2 lbs of VOCs, including 49.6 lbs of hazardous air pollutants ("HAPs") and 74.8 lbs of HR VOCs were released from EPN FEFUGDISP (Incident No. 69570) during an emissions event that occurred on December 20, 2005 and lasted 4 hours. These emissions are not authorized by the permit. Since the emissions event was avoidable and improperly reported, Shell Chemical LP failed to meet the demonstration criteria for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

	Harm		
Release	Major	Moderate	Minor
Actual			X
Potential			

OR

Percent 25%

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: Human health or the environment has been exposed to insignificant amounts of pollutants which did not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment -$7,500

Base Penalty Subtotal $2,500

Violation Events

Number of Violation Events 1 | 1 Number of violation days

mark only one use a small x	
daily	
monthly	
quarterly	
semiannual	
annual	
single event	X

Violation Base Penalty $2,500

One single event is recommended.

Economic Benefit (EB) for this violation

Estimated EB Amount $23

Statutory Limit Test

Violation Final Penalty Total $9,575

This violation Final Assessed Penalty (adjusted for limits) $9,575

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 4

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)	$2,000	20-Nov-2005	20-Jan-2006	0.2	$1	$22	$23
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)				0.0	$0	n/a	$0
Notes for DELAYED costs	Estimated cost to implement measures designed to prevent the recurrence of emissions events due to the same cause. Date required based on the date of the release. Final date based on the compliance date.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance $2,000

TOTAL $23

Screening Date 05-Jul-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision April 25, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number 5 467329

Primary Rule Cite(s)	30 Tex. Admin. Code §§ 116.115(b)(2)(F) and 116.715(a), Air Permit No. 3219, General Condition 8 and Air Permit No. 21262, Special Condition 1
Secondary Rule Cite(s)	Tex. Health & Safety Code § 382.085(b)
Violation Description	Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 14,145.22 lbs of SO2 and 159 lbs of hydrogen sulfide ("H2S") were released from EPN OP3ELFLA (Incident Nos. 68488 and 68487, respectively) and unauthorized emissions of 5.83 lbs of SO2, 47.63 lbs of CO, 6.60 lbs of NOx, .94 lbs of particulate matter ("PM"), and 53.27 lbs of VOCs, including 17.84 lbs of HR VOCs, were released from EPN WP FLARE (Incident No. 68498), during an emissions event that occurred on November 28, 2005 and lasted 1 hour and 8 minutes. During the same event, unauthorized emissions of 25.07 lbs of SO2, 326.60 lbs of CO, 0.27 lbs of H2S, 45.22 lbs of NOx, 7.37 lbs of PM, and 306.27 lbs of VOCs, including 39.02 lbs of HR VOCs were released from EPN EP FLARE (Incident No. 68499) over a period of 4 hours. The emissions from Incident Nos. 68487, 68498, and 68499 are not authorized by the permit. Since the emissions event was avoidable, Shell Chemical LP failed to meet the demonstration criteria for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

Harm				
Release	Major	Moderate	Minor	
Actual	x			
Potential				

OR

Percent 100%

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: Human health or the environment in the Houston-Galveston nonattainment area has been exposed to significant amounts of pollutants which exceeded levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment $0

Base Penalty Subtotal $10,000

Violation Events

Number of Violation Events 1 | 1 Number of violation days

mark only one use a small x

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $10,000

One single event is recommended.

Economic Benefit (EB) for this violation

Estimated EB Amount $0

Statutory Limit Test

Violation Final Penalty Total $38,300

This violation Final Assessed Penalty (adjusted for limits) $10,000

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 5

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)	$2,000	28-Nov-2005	28-Nov-2005	0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)				0.0	$0	n/a	$0
Notes for DELAYED costs	Estimated cost to implement measures designed to prevent the recurrence of emissions events due to the same cause. Date required based on the date of the release. Final date based on the compliance date.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance $2,000

TOTAL $0

Compliance History

Customer/Respondent/Owner-Operator:	CN601405145	Shell Chemical LP	Classification: AVERAGE	Rating: 2.40
Regulated Entity:	RN100211879	SHELL OIL DEER PARK	Classification: AVERAGE	Site Rating: 3.05

ID Number(s):

AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0659W
AIR OPERATING PERMITS	PERMIT	1669
AIR OPERATING PERMITS	PERMIT	1668
AIR OPERATING PERMITS	PERMIT	1940
AIR OPERATING PERMITS	PERMIT	1941
AIR OPERATING PERMITS	PERMIT	1942
AIR OPERATING PERMITS	PERMIT	1943
AIR OPERATING PERMITS	PERMIT	1945
AIR OPERATING PERMITS	PERMIT	1946
AIR OPERATING PERMITS	PERMIT	1947
AIR OPERATING PERMITS	PERMIT	1948
AIR OPERATING PERMITS	PERMIT	2108
AIR OPERATING PERMITS	PERMIT	3179
WASTEWATER	PERMIT	WQ0000402000
WASTEWATER	PERMIT	TPDES0004863
WASTEWATER	PERMIT	TX0004863
WASTEWATER	PERMIT	WQ0000403000
WASTEWATER	PERMIT	TPDES0004871
AIR NEW SOURCE PERMITS	PERMIT	3180
AIR NEW SOURCE PERMITS	PERMIT	47405
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	947405W
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	REGISTRATION	54895
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	REGISTRATION	55312
AIR NEW SOURCE PERMITS	REGISTRATION	76382
AIR NEW SOURCE PERMITS	REGISTRATION	75524
AIR NEW SOURCE PERMITS	REGISTRATION	55717
AIR NEW SOURCE PERMITS	REGISTRATION	55730
AIR NEW SOURCE PERMITS	REGISTRATION	55869
AIR NEW SOURCE PERMITS	REGISTRATION	76315
AIR NEW SOURCE PERMITS	EPA ID	PSDTX815
AIR NEW SOURCE PERMITS	PERMIT	PSDTX974
AIR NEW SOURCE PERMITS	PERMIT	PSDTX961
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928M1
AIR NEW SOURCE PERMITS	PERMIT	48912
AIR NEW SOURCE PERMITS	PERMIT	56476
AIR NEW SOURCE PERMITS	PERMIT	56496
AIR NEW SOURCE PERMITS	PERMIT	70389
AIR NEW SOURCE PERMITS	PERMIT	70613
AIR NEW SOURCE PERMITS	PERMIT	70903
AIR NEW SOURCE PERMITS	REGISTRATION	70893
AIR NEW SOURCE PERMITS	PERMIT	71223
AIR NEW SOURCE PERMITS	PERMIT	PSDTX896
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928
AIR NEW SOURCE PERMITS	REGISTRATION	71567
AIR NEW SOURCE PERMITS	REGISTRATION	71682
AIR NEW SOURCE PERMITS	PERMIT	52089
AIR NEW SOURCE PERMITS	PERMIT	52088
AIR NEW SOURCE PERMITS	PERMIT	50388
AIR NEW SOURCE PERMITS	PERMIT	50423
AIR NEW SOURCE PERMITS	PERMIT	50548
AIR NEW SOURCE PERMITS	PERMIT	52565
AIR NEW SOURCE PERMITS	PERMIT	50815
AIR NEW SOURCE PERMITS	PERMIT	54061
AIR NEW SOURCE PERMITS	PERMIT	53138
AIR NEW SOURCE PERMITS	PERMIT	52476
AIR NEW SOURCE PERMITS	PERMIT	52477
AIR NEW SOURCE PERMITS	PERMIT	54701
AIR NEW SOURCE PERMITS	PERMIT	70612
AIR NEW SOURCE PERMITS	REGISTRATION	74572
AIR NEW SOURCE PERMITS	REGISTRATION	75045
AIR NEW SOURCE PERMITS	EPA ID	PSDTX974
AIR NEW SOURCE PERMITS	REGISTRATION	76699
AIR NEW SOURCE PERMITS	EPA ID	PSDTX896
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928M1
AIR NEW SOURCE PERMITS	EPA ID	PSDTX961
AIR NEW SOURCE PERMITS	REGISTRATION	77284
AIR NEW SOURCE PERMITS	REGISTRATION	77952
AIR NEW SOURCE PERMITS	REGISTRATION	76265
AIR NEW SOURCE PERMITS	REGISTRATION	78624
AIR NEW SOURCE PERMITS	REGISTRATION	78816

CH2

AIR NEW SOURCE PERMITS	REGISTRATION	78839
AIR NEW SOURCE PERMITS	REGISTRATION	78864
AIR NEW SOURCE PERMITS	PERMIT	6949
AIR NEW SOURCE PERMITS	PERMIT	7855
AIR NEW SOURCE PERMITS	PERMIT	9856
AIR NEW SOURCE PERMITS	PERMIT	11177
AIR NEW SOURCE PERMITS	PERMIT	12152
AIR NEW SOURCE PERMITS	PERMIT	12537
AIR NEW SOURCE PERMITS	PERMIT	13373
AIR NEW SOURCE PERMITS	PERMIT	13713
AIR NEW SOURCE PERMITS	PERMIT	16429
AIR NEW SOURCE PERMITS	PERMIT	1119
AIR NEW SOURCE PERMITS	PERMIT	1120
AIR NEW SOURCE PERMITS	PERMIT	3178
AIR NEW SOURCE PERMITS	PERMIT	3179
AIR NEW SOURCE PERMITS	PERMIT	3216
AIR NEW SOURCE PERMITS	PERMIT	5801
AIR NEW SOURCE PERMITS	PERMIT	6791
AIR NEW SOURCE PERMITS	PERMIT	7621
AIR NEW SOURCE PERMITS	PERMIT	9334
AIR NEW SOURCE PERMITS	PERMIT	10888
AIR NEW SOURCE PERMITS	PERMIT	11096
AIR NEW SOURCE PERMITS	PERMIT	11586
AIR NEW SOURCE PERMITS	PERMIT	12373
AIR NEW SOURCE PERMITS	PERMIT	12829
AIR NEW SOURCE PERMITS	PERMIT	13678
AIR NEW SOURCE PERMITS	PERMIT	15961
AIR NEW SOURCE PERMITS	PERMIT	8236
AIR NEW SOURCE PERMITS	PERMIT	9505
AIR NEW SOURCE PERMITS	PERMIT	15262
AIR NEW SOURCE PERMITS	PERMIT	15365
AIR NEW SOURCE PERMITS	PERMIT	15499
AIR NEW SOURCE PERMITS	PERMIT	15940
AIR NEW SOURCE PERMITS	PERMIT	18209
AIR NEW SOURCE PERMITS	PERMIT	18576
AIR NEW SOURCE PERMITS	PERMIT	18738
AIR NEW SOURCE PERMITS	PERMIT	18768
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	PERMIT	22038
AIR NEW SOURCE PERMITS	PERMIT	23273
AIR NEW SOURCE PERMITS	PERMIT	24096
AIR NEW SOURCE PERMITS	PERMIT	24874
AIR NEW SOURCE PERMITS	PERMIT	26368
AIR NEW SOURCE PERMITS	PERMIT	27598
AIR NEW SOURCE PERMITS	PERMIT	29597
AIR NEW SOURCE PERMITS	PERMIT	32282
AIR NEW SOURCE PERMITS	PERMIT	33524
AIR NEW SOURCE PERMITS	PERMIT	34230
AIR NEW SOURCE PERMITS	PERMIT	34358
AIR NEW SOURCE PERMITS	PERMIT	35243
AIR NEW SOURCE PERMITS	PERMIT	35608
AIR NEW SOURCE PERMITS	PERMIT	36226
AIR NEW SOURCE PERMITS	PERMIT	37206
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0659W
AIR NEW SOURCE PERMITS	AFS NUM	0039
AIR NEW SOURCE PERMITS	PERMIT	96
AIR NEW SOURCE PERMITS	PERMIT	97
AIR NEW SOURCE PERMITS	PERMIT	266
AIR NEW SOURCE PERMITS	PERMIT	747
AIR NEW SOURCE PERMITS	PERMIT	748
AIR NEW SOURCE PERMITS	PERMIT	920
AIR NEW SOURCE PERMITS	PERMIT	1920
AIR NEW SOURCE PERMITS	PERMIT	1968
AIR NEW SOURCE PERMITS	PERMIT	2597
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	PERMIT	3177
AIR NEW SOURCE PERMITS	PERMIT	3214
AIR NEW SOURCE PERMITS	PERMIT	3215
AIR NEW SOURCE PERMITS	PERMIT	3217
AIR NEW SOURCE PERMITS	PERMIT	3218
AIR NEW SOURCE PERMITS	PERMIT	3219
AIR NEW SOURCE PERMITS	PERMIT	3985A
AIR NEW SOURCE PERMITS	PERMIT	4256
AIR NEW SOURCE PERMITS	PERMIT	4406
AIR NEW SOURCE PERMITS	PERMIT	4596
AIR NEW SOURCE PERMITS	PERMIT	4933
AIR NEW SOURCE PERMITS	PERMIT	41920
AIR NEW SOURCE PERMITS	PERMIT	42191
AIR NEW SOURCE PERMITS	PERMIT	41875

AIR NEW SOURCE PERMITS	PERMIT	42221
AIR NEW SOURCE PERMITS	PERMIT	42573
AIR NEW SOURCE PERMITS	PERMIT	42512
AIR NEW SOURCE PERMITS	PERMIT	43605
AIR NEW SOURCE PERMITS	PERMIT	42118
AIR NEW SOURCE PERMITS	PERMIT	44820
AIR NEW SOURCE PERMITS	PERMIT	45654
AIR NEW SOURCE PERMITS	PERMIT	45653
AIR NEW SOURCE PERMITS	PERMIT	45652
AIR NEW SOURCE PERMITS	PERMIT	45944
AIR NEW SOURCE PERMITS	PERMIT	46535
AIR NEW SOURCE PERMITS	PERMIT	47575
AIR NEW SOURCE PERMITS	PERMIT	50052
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID	TXD067285973
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
UNDERGROUND INJECTION CONTROL	PERMIT	WDW172
UNDERGROUND INJECTION CONTROL	PERMIT	WDW173
PETROLEUM STORAGE TANK STAGE II	REGISTRATION	32780
WASTEWATER LICENSING	LICENSE	WQ0000402000
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1013348
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	6001443
IHW CORRECTIVE ACTION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE COMPLIANCE PLANS	PERMIT	50099
PETROLEUM STORAGE TANK REGISTRATION	REGISTRATION	32780

Location: 5900 HIGHWAY 225, DEER PARK, TX, 77536 Rating Date: September 01 05 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: June 27, 2006

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: June 27, 2001 to June 27, 2006

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name: Trina Grieco Phone: (210) 403-4006

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes

2. Has there been a (known) change in ownership of the site during the compliance period? Yes

3. If Yes, who is the current owner? Shell Deer Park Refining Company
Shell Chemical LP
Shell Oil Company
Deer Park Refining Limited Partne Partne

4. If Yes, who was/were the prior owner(s)? Resolution Performance Products, LLC
Shell Oil Company
Equilon Enterprises LLC

5. When did the change(s) in ownership occur? 12/03/2002
06/04/2004

Components (Multimedia) for the Site :

A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.

Effective Date: 6/12/2003 ADMINORDER 2002-0478-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
40 CFR Part 61, Subpart V 61.242-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 4 PERMIT
Description: Failure to install redundant valves or end caps on open ended lines.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(d)(1)(i)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to adjust monitoring schedule to monthly from quarterly when leak rate exceeds 2%.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Part 63, Subpart G 63.114(a)(1)(ii)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 2 PERMIT
Description: Failure to install a temperature monitoring device in the gas stream immediately before and after the catalyst bed.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 8(A) PERMIT
Description: Failure to operate incinerator H9200 at a VOC outlet concentration of less than 20 ppmv.

Effective Date: 09/26/2004 ADMINORDER 2004-0101-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.7(a)(2)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.116(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to conduct flare performance testing in accordance with 40 CFR 63.11 within 180 days of startup or rule applicability.

Effective Date: 02/20/2006 ADMINORDER 2005-0765-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.721(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to obtain control emissions from an emissions event that occurred on December 21, 2000 at the Coker Unit.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)

30 TAC Chapter 101, SubChapter F 101.201(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit a complete final report for a reportable emissions event which occurred at the Coker Unit on December 21, 2000.

Effective Date: 05/12/2006 ADMINORDER 2005-1614-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to report the December 25, 2004 emissions event within 24 hours of discovery.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No 3214, Gen Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 241 lbs of 1, 3-Butadiene, 322 lbs of Butene, 1,299 lbs of Pentane, 2,182 lbs of Ethylene, 68 lbs of Benzene and 1,018 lbs of Propylene during a 10 hour and 30 minute emissions event that occurred on December 25, 2004 in the OP3 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: General Condition #8 PERMIT

Description: Failed to prevent unauthorized emissions of 686 lbs of 1, 3-Butadiene, 949 lbs of Butene, 1,299 lbs of Pentane, 4,059 lbs of Ethylene and 2,044 lbs of Propylene during a 23 minute emissions event that occurred on February 17, 2005 in the Olefins No. 3 Unit ("OP3").

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Max. Allow. Em. Rate Ta PERMIT
Description: Failed to prevent unauthorized emissions of 1847.7 lbs of Ethylene, 680.70 lbs of Carbon Monoxide, and 87.3 lbs of Nitrogen Monoxide during a 3-hour emissions event that occurred on February 24, 2005 at the Acetylene Converters in the Olefins #2 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Gen. Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 404 lbs of volatile organic compounds ("VOC") in one hour on January 13, 2005 in the OP2 Unit Elevated Flare. Specifically, 868 lbs of VOCs were released and the VOC maximum allowable emission rate for the flare is 464 lbs per hour.

Effective Date: 02/20/2006 ADMINORDER 2005-0734-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent a power outage at Switchback 6B13 which resulted in unauthorized emissions from the HIPA Flare, HIPA Vent, Benji Vent (PC5500A), and Relief Valves RV0624, RV3033B, and RV0298 on May 9, 2004. Category A.11.i(6).

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT

Description: Failed to maintain the ratio of hydrogen to acetylene in the converter resulting in the flaring of off-specification product resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on June 17, 2004.

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC #1 PERMIT
Description: Failed to prevent the lifting of Relief Valve RV3033B on the fat acid storage tank (T-75B) on June 27, 2004 which resulted in unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain steam pressure on the Olefins 2 Unit and operated the Propylene Refrigerator Compressor with a faulty suction/pressure indicating controller resulting in the flaring of off-specification products at the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on September 13, 2004.

Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: NSR Permit #3173, Special Condition #1 PA
Description: Failed to comply with the maximum allowable emission rates for carbon monoxide, volatile organic compounds ("VOC"), and nitrogen oxides and varied from permit representations for VOC emissions from the IPA Purge Line on September 6, 2004

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also Permit No. 3219, Gen. Condition 8 PERMIT
Description: Failed to control the ammonia concentration in the sour hydrogen feed resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on May 22, 2004. Category A.11.i(6).

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit initial notification of a reportable emissions event at the Isopropyl Alcohol (IPA) Unit which occurred on September 6, 2004 within 24 hours of discovery.

Effective Date: 08/20/2005 ADMINORDER 2004-0867-IHW-E

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(11)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.103(c)

Description: Failure to conduct compliance testing for the PHenol-3 BIF and submit recertification of compliance within three years of the previous certification.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(14)
Description: Failure to cease the burning of waste in the Phenol-3 BIF on October 12, 2003.

1660 Effective Date: 08/30/2004 ADMINORDER 2003-1321-AIR-E

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: MAERT PERMIT
Description: Failed to comply with the permitted limit established in the MAERT of Air Permit No. 9334 for benzene. Specifically, Shell failed to prevent the unauthorized emission of benzene at the ACU Tank Farm, Tank D-371, for a period of 58 minutes on April 28, 2003. The permitted benzene limit for Tank D-371 is 0.45 lbs/hour.

See addendum for information regarding federal actions.

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

N/A

D. The approval dates of investigations. (CCEDS Inv. Track. No.)

1	09/20/2001	(IE0000485016001)
2	02/22/2002	(157682)
3	08/31/2002	(9511)
4	08/31/2002	(9388)
5	06/26/2003	(60695)
6	02/24/2003	(157683)
7	04/26/2002	(157741)
8	12/19/2002	(13703)
9	04/29/2003	(157742)
10	02/10/2003	(157684)
11	03/25/2002	(157686)
12	03/25/2003	(157687)
13	08/05/2005	(341201)
14	01/13/2003	(246531)
15	02/20/2003	(10139)
16	05/29/2002	(157745)
17	10/15/2002	(5839)
18	05/27/2003	(157746)
19	10/04/2004	(352006)
20	08/16/2004	(279252)
21	10/22/2003	(249626)
22	02/23/2005	(371820)
23	09/25/2003	(295217)
24	02/27/2006	(457162)
25	11/28/2005	(437043)
26	04/24/2006	(449499)
27	01/06/2005	(344370)
28	10/04/2005	(405964)
29	05/09/2005	(378729)
30	05/26/2006	(460174)

31	08/11/2004	(288458)
32	06/28/2005	(394944)
33	06/27/2002	(157749)
34	10/20/2004	(352007)
35	01/24/2006	(451885)
36	08/31/2002	(10160)
37	08/29/2002	(8058)
38	10/10/2005	(406428)
39	06/09/2004	(272409)
40	04/25/2006	(449838)
41	08/11/2004	(288745)
42	08/19/2002	(7668)
43	10/23/2003	(295219)
44	01/04/2004	(251319)
45	06/25/2003	(157750)
46	03/20/2006	(431859)
47	01/26/2005	(342583)
48	04/22/2002	(157692)
49	08/31/2002	(9479)
50	10/05/2005	(407310)
51	04/23/2003	(157693)
52	07/23/2001	(157752)
53	08/31/2002	(10241)
54	08/31/2002	(10071)
55	08/24/2002	(4890)
56	07/23/2003	(284079)
57	12/28/2004	(290091)
58	11/21/2003	(295220)
59	07/25/2002	(157753)
60	02/27/2006	(456661)
61	04/03/2003	(19124)
62	11/23/2004	(352008)
63	01/02/2004	(257380)
64	05/03/2005	(373899)
65	02/28/2006	(457143)
66	05/25/2005	(380203)
67	08/20/2001	(157755)
68	01/25/2006	(453221)
69	05/26/2006	(460095)
70	08/23/2005	(401945)
71	12/17/2003	(295221)
72	08/16/2002	(157756)
73	05/17/2006	(461235)
74	06/23/2006	(467537)
75	01/09/2005	(289381)
76	05/10/2006	(266908)
77	08/02/2002	(4405)
78	12/27/2004	(352009)
79	08/31/2002	(9298)
80	05/28/2002	(157696)
81	09/28/2005	(431096)
82	03/28/2006	(405965)
83	04/29/2005	(344372)
84	09/21/2001	(157758)
85	05/26/2006	(460156)
86	05/22/2003	(157697)
87	11/22/2004	(285617)
88	01/26/2004	(295222)
89	06/28/2003	(33595)
90	01/31/2005	(342585)

91	08/31/2004	(272715)
92	11/04/2005	(431796)
93	08/21/2002	(8730)
94	09/27/2002	(157759)
95	12/08/2005	(418800)
96	01/14/2004	(254260)
97	08/22/2005	(400922)
98	10/05/2005	(406803)
99	08/31/2002	(9698)
100	08/16/2005	(404329)
101	02/27/2004	(295223)
102	10/26/2001	(157761)
103	02/25/2006	(456944)
104	07/28/2005	(379300)
105	04/22/2005	(419640)
106	01/10/2003	(20830)
107	08/11/2004	(287418)
108	11/30/2003	(248256)
109	06/14/2006	(480612)
110	09/07/2004	(292099)
111	10/28/2002	(157762)
112	05/17/2006	(466235)
113	06/24/2002	(157700)
114	05/26/2004	(273578)
115	03/24/2004	(295225)
116	06/21/2005	(419641)
117	12/16/2005	(451110)
118	01/10/2005	(286434)
119	01/28/2004	(261052)
120	05/30/2006	(459416)
121	11/12/2004	(290146)
122	01/05/2005	(289527)
123	06/24/2003	(157701)
124	12/09/2002	(14114)
125	06/23/2004	(352010)
126	04/22/2005	(419642)
127	05/25/2004	(268601)
128	01/06/2005	(344373)
129	07/17/2002	(4842)
130	04/26/2006	(455005)
131	04/23/2004	(295226)
132	08/13/2002	(2149)
133	06/21/2005	(419643)
134	11/23/2001	(157765)
135	07/24/2001	(157703)
136	04/27/2006	(440023)
137	12/14/2004	(341177)
138	04/01/2005	(346780)
139	05/31/2006	(480622)
140	07/23/2002	(157704)
141	01/13/2002	(246530)
142	11/27/2002	(157766)
143	02/23/2006	(455872)
144	05/25/2004	(295228)
145	09/23/2005	(440775)
146	12/30/2004	(342431)
147	02/22/2005	(350798)
148	12/30/2004	(344374)
149	04/03/2006	(455004)
150	07/25/2003	(157705)

151	06/05/2003	(29924)
152	05/25/2004	(266874)
153	09/23/2005	(440776)
154	12/30/2004	(344491)
155	12/06/2002	(13895)
156	08/22/2001	(157707)
157	02/23/2004	(248995)
158	05/31/2006	(455293)
159	12/03/2002	(13971)
160	08/22/2002	(157708)
161	12/27/2001	(157769)
162	07/22/2004	(352011)
163	08/31/2004	(267451)
164	11/04/2005	(431865)
165	08/31/2002	(8665)
166	07/25/2003	(157709)
167	06/15/2006	(449850)
168	12/23/2002	(157770)
169	11/23/2005	(433921)
170	12/21/2004	(342546)
171	07/23/2003	(295231)
172	09/24/2001	(157711)
173	08/30/2005	(401403)
174	02/21/2006	(455170)
175	10/26/2005	(433389)
176	12/05/2004	(268602)
177	05/30/2006	(460198)
178	05/26/2006	(460637)
179	09/23/2002	(157712)
180	01/21/2004	(252556)
181	08/12/2003	(148558)
182	08/31/2002	(10222)
183	11/01/2001	(157713)
184	11/30/2005	(437117)
185	08/31/2002	(10117)
186	08/26/2003	(295233)
187	01/04/2005	(288475)
188	08/23/2004	(352012)
189	01/24/2002	(157773)
190	12/11/2004	(341292)
191	12/10/2004	(338725)
192	05/10/2006	(268067)
193	06/18/2004	(271341)
194	08/16/2004	(279239)
195	08/03/2005	(399624)
196	10/19/2001	(157715)
197	03/23/2006	(290016)
198	09/22/2004	(352013)
199	10/23/2002	(157716)
200	08/01/2002	(4773)
201	01/28/2003	(157774)
202	12/11/2004	(342406)
203	03/31/2004	(260311)
204	05/30/2003	(36614)
205	05/19/2004	(256196)
206	09/22/2003	(295235)
207	01/04/2005	(285114)
208	08/31/2004	(268068)
209	09/26/2002	(12173)
210	10/28/2003	(252341)

211	10/23/2002	(157718)
212	10/20/2004	(352014)
213	02/13/2003	(22044)
214	10/27/2003	(295237)
215	08/02/2005	(400361)
216	11/29/2004	(339553)
217	08/31/2002	(10030)
218	01/24/2003	(17948)
219	11/26/2001	(157720)
220	08/25/2005	(405926)
221	11/26/2003	(295238)
222	08/31/2002	(9860)
223	12/15/2004	(340217)
224	12/11/2004	(342558)
225	11/22/2004	(352015)
226	01/07/2005	(288436)
227	11/21/2002	(157721)
228	08/10/2005	(403710)
229	08/28/2002	(5059)
230	05/11/2003	(26340)
231	12/14/2004	(342547)
232	02/23/2006	(455897)
233	08/18/2005	(404406)
234	12/23/2003	(295239)
235	03/23/2005	(381809)
236	05/09/2003	(26339)
237	08/24/2002	(4888)
238	06/18/2004	(270854)
239	12/20/2004	(352016)
240	07/08/2002	(1368)
241	03/28/2005	(381810)
242	04/16/2004	(256199)
243	07/20/2005	(400891)
244	01/24/2005	(381811)
245	12/19/2001	(157724)
246	05/12/2006	(461088)
247	01/22/2004	(295240)
248	08/31/2002	(4913)
249	01/02/2004	(252698)
250	12/29/2004	(342425)
251	11/12/2004	(288819)
252	02/22/2005	(381812)
253	03/03/2006	(455540)
254	07/21/2005	(400399)
255	12/30/2002	(157725)
256	03/31/2003	(10812)
257	03/22/2005	(381813)
258	02/24/2006	(438342)
259	04/28/2006	(462216)
260	01/20/2005	(381814)
261	02/01/2005	(342419)
262	11/04/2002	(14763)
263	06/16/2003	(114383)
264	12/31/2002	(13462)
265	01/04/2005	(288902)
266	08/31/2002	(9964)
267	03/15/2006	(458469)
268	01/05/2005	(288541)
269	08/23/2003	(36650)
270	02/25/2006	(457085)

271	05/10/2003	(450832)
272	02/05/2003	(23703)
273	01/28/2002	(157728)
274	10/05/2005	(431097)
275	12/28/2004	(338893)
276	10/28/2005	(405406)
277	08/31/2002	(4915)
278	06/23/2006	(467329)
279	06/21/2006	(467546)
280	08/05/2005	(341194)
281	05/19/2004	(295206)
282	08/28/2002	(5060)
283	01/27/2003	(157729)
284	12/23/2002	(15106)
285	07/14/2004	(260134)
286	11/03/2005	(431819)
287	02/24/2003	(22731)
288	06/12/2006	(455296)
289	08/31/2002	(9758)
290	02/28/2006	(457152)
291	02/24/2006	(468329)
292	01/10/2005	(287676)
293	07/18/2005	(379933)
294	03/23/2006	(468330)
295	08/31/2002	(10403)
296	03/16/2004	(295208)
297	10/05/2005	(431095)
298	10/24/2005	(468331)
299	07/18/2005	(379934)
300	04/21/2004	(295209)
301	08/29/2003	(149848)
302	11/28/2005	(468332)
303	11/11/2004	(289756)
304	06/03/2004	(270210)
305	08/05/2005	(341195)
306	02/23/2004	(432673)
307	08/20/2001	(246533)
308	12/27/2005	(468333)
309	03/09/2006	(457675)
310	08/24/2004	(352003)
311	01/24/2006	(468334)
312	05/19/2004	(295211)
313	02/26/2002	(157733)
314	02/28/2003	(157734)
315	11/14/2005	(371956)
316	01/04/2005	(342600)
317	02/16/2006	(454090)
318	08/11/2004	(287399)
319	02/04/2002	(246532)
320	08/05/2005	(341198)
321	09/30/2004	(287575)
322	06/21/2004	(295213)
323	06/13/2006	(457735)
324	03/25/2002	(157736)
325	08/16/2005	(404327)
326	10/02/2002	(12436)
327	07/26/2004	(352004)
328	03/17/2006	(451544)
329	01/06/2005	(289146)
330	08/06/2003	(114294)

331 02/23/2006 (439108)
332 01/04/2005 (293105)
333 07/13/2005 (374690)
334 03/31/2003 (157737)
335 02/21/2006 (454835)
336 06/17/2005 (392662)
337 01/09/2003 (19750)
338 08/23/2005 (404915)
339 08/24/2004 (352005)
340 08/31/2004 (292677)
341 12/17/2004 (339115)
342 08/05/2005 (341200)
343 01/10/2005 (279219)

E. Written notices of violations (NOV). (CCEDS Inv. Track. No.)

Date: 01/31/2003 (157683)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 12/30/2004 (344491)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Failure to control emissions.

Date: 01/21/2004 (252556)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
Rqmt Prov: PERMIT IA
Description: Shell damaged the lube oil pump for the Recycle Gas Compr. Either possible root cause (failure to prime the pump or improperly installing the new motive screws) avoidably damaged those screws. Shell failed to control SO2 emissions during a startup activity.

Date: 12/14/2004 (340217)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(4)
30 TAC Chapter 305, SubChapter F 305.125(5)
TWC Chapter 26 26.121(a)(1)
Description: Failure to prevent the unauthorized discharge of untreated or partially treated process, sanitary, balast, and utility wastewaters through outfall 008. The permittee is authorized to discharge storm water and fire water only to outfall 008.
See attached Table 1.

Date: 05/31/2002 (157749)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 08/31/2004 (272715)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to operate within the permit limits.

Date: 09/30/2004 (352007)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 09/30/2003 (295219)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 06/30/2001 (157752)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/24/2003 (17948)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(10)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
Description: Failure to identify cause of the event and failure to comply with TCEQ Air Permit 3219.

Date: 12/30/2002 (13462)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to comply with permitted effluent limits for pH, Oil and Grease, TOC, and BOD.

Date: 01/07/2005 (288436)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 09/30/2001 (157761)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 11/30/2004 (352009)
Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 03/31/2005 (419640)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/13/2002 (246530)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 12/08/2005 (418800)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: Failure to maintain compliance with the effluent permit limits. Effluent violations were reported for ammonia-nitrogen at outfall 104 in 07/05 and for calcium, nickel and fecal coliform at outfall 001 in 03/05.

Date: 07/31/2005 (419643)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 01/14/2004 (254260)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT IA

Description: Main induced-draft fan on Boiler H-8610 shut down when governor seized due to dirty oil (inadequate attention to the status of the oil). The (large) boiler tripped on loss of the fan. Two olefin plants were shut down due to insufficient steam supply to the steam turbines driving the large critical compressors.

Date: 10/31/2001 (157765)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 01/09/2005 (289381)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Exceeded permit limits during an avoidable emissions event.

Date: 08/17/2005 (404327)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)

Description: Failure to maintain ammonia emissions below 10ppm on furnace 110.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)

Description: Failure to maintain ammonia emissions below 10ppm on furnace 150.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)

Description: Failure to maintain ammonia emissions below 10ppm on furnace 180.

Date: 12/28/2004 (290091)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter B 116.115(b)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to avoid loss of cooling in the PRC surface condensate system.

Date: 06/20/2005 (395120)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to prevent spill during tank heel transfer.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)

30 TAC Chapter 101, SubChapter F 101.201(b)(8)

Description: Failure to submit an emissions event in a timely manner.

Date: 01/04/2005 (342600)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to control hydrate formation in the demethanizer column.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

Description: Failure to report emissions event in a timely manner.

Date: 04/30/2004 (295228)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 02/27/2006 (438342)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to control unauthorized emissions.

Date: 11/30/2001 (157769)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 08/31/2004 (267451)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to prevent unauthorized emissions.

Date: 06/30/2004 (352011)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 10/10/2005 (406428)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to control emissions.

Date: 12/31/2001 (157773)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 07/13/2004 (260134)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA
Description: Failure to report an emissions event in a timely manner.

Date: 02/23/2006 (439108)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 11/30/2003 (295239)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 06/15/2006 (457735)

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: PERMIT IA
Description: Failure to prevent a leak from a line that was bent beyond its minimum flex radius creating a weak point that resulted in unauthorized emissions.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(c)
Description: Failure to submit a final record within two weeks of an emissions event.

Date: 12/31/2001 (157728)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 04/29/2005 (344372)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]

5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to control emissions.

Date: 12/31/2002 (157729)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 08/20/2001 (246533)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 05/17/2006 (461235)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.665(f)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(j)(7)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
Description: Failure to record whether the pilot flame was continuously present during each hour for Flares OP2ELFLA and OP3ELFLA
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and

OP3GRFLA.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Operation of Flares OP2ELFLA, OP3ELFLA and OP3GRFLA with visible

emissions .

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Nine OELs in HT2; 2 OELs in CIPX

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to seal 18 OELs in IRU.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to seal OELs in BD3.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Furnaces FOL-601 and FOL-602 exceeded the permitted maximum hourly firing rates.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: The fuel gas used by Furnaces FOL601, FOL602, FOL603 and FOL604 exceeded the permitted maximum H2S concentration.

Date: 09/30/2005 (468331)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 04/04/2006 (455004)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA

Description: Failure to control unauthorized emissions for Incident #64365.

Date: 02/04/2002 (246532)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 11/22/2004 (285617)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to operate within the permit limits.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)

Description: Failure to indicate the air contaminants from the flare completely in the final report.

Date: 06/28/2003 (33595)

Self Report? NO Classification: Moderate

Citation: 5C THC Chapter 382, SubChapter A 382.085(a)

Description: Failed to prevent an emissions release by good design, operation, and maintenance practices.

Date: 05/11/2003 (26340)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

Description: Shell failed to prevent unauthorized emissions from an activity or event that could have been foreseen and avoided by good design, operation, and maintenance practices.

Date: 01/04/2004 (251319)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT IA

Description: Shell allowed 237 lbs of unauthorized emissions of mesityl oxide (a highly irritating ketone, which overflowed Tank T-40-16 due to an inaccurate level indicator and failure to respond to a high level alarm from the back up high level alarm system.

Date: 02/28/2002 (157736)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 05/31/2006 (455293)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to prevent an operator error resulting in unauthorized emissions.

Date: 12/30/2004 (344374)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA

Description: Failure to Control Emissions

F. Environmental audits.

Notice of Intent Date: 05/27/2003 (112481)
No DOV Associated

Notice of Intent Date: 06/13/2003 (251436)
No DOV Associated

Notice of Intent Date: 06/12/2003 (251440)
Disclosure Date: 09/04/2003

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B 115.116(a)[G]

Description: Failure to maintain and compile inspection reports that document all of the elements required by the applicable regulations.

Notice of Intent Date: 08/12/2003 (251504)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251740)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251760)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263020)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263024)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263025)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263029)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263033)
Disclosure Date: 12/07/2004

Viol. Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter B 115.136(a)(1)

30 TAC Chapter 115, SubChapter B 115.136(a)(4)

Description: records not available for daily sampling/analysis results for vapor pressure of the wastewater streams procssed by the unit's API separator

Notice of Intent Date: 11/20/2003 (449697)
No DOV Associated

Notice of Intent Date: 10/28/2004 (263123)
No DOV Associated

Notice of Intent Date: 04/28/2003 (263686)
No DOV Associated

Notice of Intent Date: 02/26/2003 (263866)
No DOV Associated

Notice of Intent Date: 02/20/2004 (265126)
No DOV Associated

Notice of Intent Date: 12/20/2002 (265131)

Disclosure Date: 06/24/2003

Viol. Classification: Major
Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]

Description: Failed to authorize emissions from rail car cleaning.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.10[G]

Description: Failed to report emissions from EPN Carclean in emissions inventory.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.541[G]

Description: Failed to justify control efficiency of railcar cleaning CAS.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.546[G]

Description: Failed to keep records of CAS breakthrough monitoring.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.132(e)(4)(C)(iii)

Description: failed to submit compliance plan with application

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.541[G]

Description: failed to process tank cars with partial vapor pressure of >= 0.5 psia through properly operating control system
Notice of Intent Date: 02/26/2003 (29900)
No DOV Associated

Notice of Intent Date: 06/12/2001 (32699)
Disclosure Date: 11/13/2001

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20[G]

30 TAC Chapter 113, SubChapter C 113.120

40 CFR Part 63, Subpart G 63.114(d)

Description: Two lines routed to a Group 1 process vent have bypass lines that do not have flow indicators nor are they secured in the non-diverting position with a car seal.
Notice of Intent Date: 07/10/2001 (32742)
No DOV Associated

Notice of Intent Date: 07/10/2001 (32743)
No DOV Associated

Notice of Intent Date: 08/14/2001 (32759)
No DOV Associated

Notice of Intent Date: 08/20/2001 (32762)
Disclosure Date: 09/14/2001

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)

30 TAC Chapter 116, SubChapter B 116.115(b)(2)[G]

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(i)(1)

40 CFR Part 63, Subpart G 63.118(a)

Description: Failure to maintain complete and continuous recording of pilot flame presence for the ground flare and elevated flares.
Notice of Intent Date: 09/26/2001 (32825)
No DOV Associated

Notice of Intent Date: 11/19/2001 (32880)
No DOV Associated

Notice of Intent Date: 01/18/2002 (32901)
Disclosure Date: 02/08/2002

Viol. Classification: Major

Citation: 40 CFR Part 60, Subpart NNN 60.663(b)(1)

40 CFR Part 60, Subpart NNN 60.665(d)

40 CFR Part 60, Subpart NNN 60.665(f)

40 CFR Part 60, Subpart NNN 60.665(m)

Description: Failure to acquire approval to waive the requirements of a continuous pilot flame recorder for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major

Citation: 40 CFR Part 60, Subpart NNN 60.663(b)(2)

40 CFR Part 60, Subpart NNN 60.665(d)

40 CFR Part 60, Subpart NNN 60.665(m)

Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major

Citation: 40 CFR Part 60, Subpart NNN 60.665(l)(1)

40 CFR Part 60, Subpart NNN 60.665(l)(2)

40 CFR Part 60, Subpart NNN 60.665(l)(4)

40 CFR Part 60, Subpart NNN 60.665(m)

40 CFR Part 60, Subpart NNN 60.665(p)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7[G]

Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FINID numbers IRUFLR and TRUFLRG.

Notice of Intent Date: 01/12/2003 (32908)
No DOV Associated

Notice of Intent Date: 03/01/2002 (32928)
No DOV Associated

Notice of Intent Date: 03/19/2002 (32937)
No DOV Associated

Notice of Intent Date: 04/12/2002 (32949)
No DOV Associated

Notice of Intent Date: 05/30/2002 (32974)
No DOV Associated

Notice of Intent Date: 06/26/2002 (32979)
No DOV Associated

Notice of Intent Date: 08/19/2002 (33022)
No DOV Associated

Notice of Intent Date: 09/04/2002 (33051)
No DOV Associated

Notice of Intent Date: 09/16/2002 (33069)
No DOV Associated

Notice of Intent Date: 10/29/2002 (33101)
No DOV Associated

Notice of Intent Date: 11/20/2002 (33116)
No DOV Associated

Notice of Intent Date: 08/06/2004 (334038)
Disclosure Date: 10/12/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Req Prpv: PERMITCompliance b. Operational Requirements
1
PERMITGeneral b.

Description: noncompliance with requirement to maintain all facilities and systems of treatment and control (and related appurtenances)

Notice of Intent Date: 08/06/2004 (334047)
Disclosure Date: 08/26/2004
Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter A; 40 CFR Chapter 261, SubChapter I, PT 261, SubPT A
Description: Failure to characterize a process water stream from a leaking economizer, which contained K022

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter C; 30 TAC Chapter 335, SubChapter R; 409 CFR Chapter 262, I, PT 262, SubPT A
Description: Failure to characterize wastewater treatment plant residues carrying the K022 waste code.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter A
Description: Improper disposal of K022 WWTP residual solids at a Class 1 non-hazardous waste landfill.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter D
Description: Failure to amend RCRA permit to reflect management of K022 waste.

Viol. Classification: Moderate
Citation: Permit 1. General b.
Description: discharge of process water to storm water impoundment basins.

Notice of Intent Date: 08/27/2004 (334576)
No DOV Associated

Notice of Intent Date: 07/16/2002 (33993)
No DOV Associated

Notice of Intent Date: 10/12/2004 (349555)
No DOV Associated

Notice of Intent Date: 11/11/2004 (349565)
No DOV Associated

Notice of Intent Date: 01/04/2005 (349867)

Disclosure Date: 06/17/2005

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C 113.320
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(d)(5)

Description: documentation was not readily available to fully demonstrate that a formal refinery maximum achievable control technology applicability determination (ie >5% HAPS) had been made for equipment in light crude service

Viol. Classification: Minor
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(1)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(3)

Description: one New Source Performance Standard (NSPS) notification for Start of Construction and Start of Operation for the CGHT unit could not be located

Viol. Classification: Minor
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(a)(3)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(b)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(4)

Description: documentation was not readily available to fully demonstrate that the process to determine if a project triggered NSPS "Modification" was being completed for NSPS Subpart GGG compliance

Viol. Classification: Moderate
30 TAC Chapter 101, SubChapter A 101.10(b)[G]
30 TAC Chapter 101, SubChapter A 101.10(c)
30 TAC Chapter 101, SubChapter A 101.10(d)
30 TAC Chapter 101, SubChapter A 101.10(e)
40 CFR Chapter 372, SubChapter J, PT 372, SubPT B 372.30(a)

Description: emissions from fueling of vehicles in the Deer Park Refinery were not included in emissions inventories as required

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.10(d)(5)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.6(e)(3)(i)

Description: documentation was not readily available to demonstrate the development of a formal startup, shutdown, and malfunction plan (SSMP), and to document that when appropriate, a semi-annual report was submitted

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C 113.320
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.640(l)(3)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(f)(1)(ii)

Description: documentation was not readily available to fully demonstrate the group 1 or group 2 applicability determination for miscellaneous process vents

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C 113.110
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(4)(i)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(6)

Description: although monthly monitoring of cooling water return to the HON SWT was conducted and no leaks were detected, it is unclear whether there was complete compliance wiht HON requirements

Viol. Classification: Moderate
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(a)(1)(i)(A)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(h)

Description: annual LDAR instrument monitoring of CPI and IGF benzene wastewater equipment had not been performed as required by benzene waste NESHAP regulations

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(a)(1)(i)(A)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(b)

Description: periodic visual inspection of the CPI and IGF benzene wastewater equipment to ensure access hatches and other openings are properly closed and gasketed had not been performed as required by the benzene waste NESHAP regulations

Notice of Intent Date: 01/06/2005 (349868)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350720)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350721)
Disclosure Date: 03/23/2005

Viol. Classification: Moderate
Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(b)[G]
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(c)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(d)

Description: failed to meet requirements for maintenance/start-up/shutdown related activities

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C 113.110

Description: incorporation by reference of 40 CFR 63 Subpart F (SOCMI MACT standard)

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.120

Description: incorporation by reference of 40 CFR 63 Subpart G (SOCMI for Process Vents, Storage Vessels, Transfer Operations, and Wastewater MACT standard)

Notice of Intent Date: 01/27/2005 (350723)
Disclosure Date: 07/06/2005

Viol. Classification: Moderate

Citation: 40 CFR Chapter 262, SubChapter I, PT 262, SubPT C 262.34[G]

30 TAC Chapter 335, SubChapter C 335.69[G]

Description: Equipment associated with a decommissioned cumene unit in the Phenol Acetone Production Areas was not properly decontaminated when shut down in 2001. Process vessels, pumps, exchangers, and piping contain material that meets the definition of a characteristically hazardous waste (D002, D018).

Notice of Intent Date: 04/17/2001 (36424)
Disclosure Date: 07/02/2001

Viol. Classification: Moderate

Req Prpv:
PERMITSC 8 & 9

Description: Special condition 9 of Permit 9334 specifically exempts 5 valves from the requirements of a rupture disc and pressure gauge. Relief valve RV-1960 in the OXU Aromatics Unit is not included in exempted listing and must meet the requirements of SC 8.

Viol. Classification: Moderate

Req Prpv:
PERMITSC 13

Description: Tank G359 is permitted for one defined operating scenario. The sites historical annual emissions inventory submittals (AEI) identify three different operating scenarios for the tank.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.112(a)(1)

Description: Tank G359 was storing mateiral with vapor pressure greater than 1.5 psi while only having a vapor-mounted primary seal for emission controls.

Notice of Intent Date: 01/05/2005 (371573)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375030)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375031)
Disclosure Date: 07/14/2005

Viol. Classification: Minor

Req Prpv:
PERMITAir New Source Permit No. 9334 SC 10.D

Description: no notification 30 days in advance of 11/04 seal gap measurement for Aromatics EFR tank G-359

Viol. Classification: Minor

Req Prpv:
PERMITAir New Source Permits

Description: no notification 30 days in advance of refilling of Solvents IFR tank T140B, Phenol Acetone IFR tank D391, Solvents IFR tank F337

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.120

Req Prpv:
PERMITPermit 9334 Special Condition 10D

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G
63.120(a)(3)(iii)

PERMITPermit 9334 Special Condition 10D

Description: no 10 yr internal seal inspection of Aromatics IFR tank F-361

Notice of Intent Date: 04/15/2005 (380864)
No DOV Associated

Notice of Intent Date: 05/18/2005 (396476)
No DOV Associated

Notice of Intent Date: 06/19/2003 (397860)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434090)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434095)
No DOV Associated

Notice of Intent Date: 11/04/2005 (438422)
No DOV Associated

Notice of Intent Date: 12/02/2005 (451075)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452942)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452952)
No DOV Associated

Notice of Intent Date: 04/16/2006 (463688)
No DOV Associated

Notice of Intent Date: 05/22/2006 (454159)
No DOV Associated

G. Type of environmental management systems (EMSs).

Non 30 TAC CH 90 Certified, ISO 14001:2004, installed 1/12/2005, certified 1/19/2006

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

Type	Tier	Certification Date
CLEAN TEXAS PROGRAM	PARTNERSHIP	12/20/2004
CLEAN TEXAS PROGRAM	PARTNER	12/20/2004

J. Early compliance.

N/A

Sites Outside of Texas

N/A

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	MOTIVA ENTERPRISES, LLC.	CUSTOMER NO.:	CN600124051
REGULATED ENTITY:	SHELL OIL DEER PARK	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 HWY. 225		
REG. ENTITY CITY:	DEER PARK		

Violations

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	CAA
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	112
CASE RESULT:	Final Order With Penalty	CITATION:	40CFR
		CITE PART:	61
		CITE SECT.:	342(C)
		PROGRAM:	NESHAPs
		VIOLATION TYPE:	Nat. Emis. Standard - Haz. Air Pollutant

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	
CASE RESULT:	Final Order With Penalty	CITATION:	40CFR
		CITE PART:	61
		CITE SECT.:	357
		PROGRAM:	
		VIOLATION TYPE:	Violations Of Reporting Requirements

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	
CASE RESULT:	Final Order With Penalty	CITATION:	
		CITE PART:	
		CITE SECT.:	
		PROGRAM:	
		VIOLATION TYPE:	Air Emissions not otherwise specified

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	
CASE RESULT:	Final Order With Penalty	CITATION:	
		CITE PART:	
		CITE SECT.:	
		PROGRAM:	
		VIOLATION TYPE:	Refinery Fuel Gas

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	
CASE RESULT:	Final Order With Penalty	CITATION:	
		CITE PART:	
		CITE SECT.:	
		PROGRAM:	
		VIOLATION TYPE:	UST Leak Detection and Repair

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	Shell Chemical Company	CUSTOMER NO.:	CN601405145
REGULATED ENTITY:	Shell Chemical Company Deer Park	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 Hwy 225		
REG. ENTITY CITY:	Deer Park		

Violations

EPA CASE NO.:	06-1998-0547	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20011015	STATUTE: CAA	SECT. OF STATUTE: 112R
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	CITE PART: CITE SECT:
CASE RESULT:	Final Order With Penalty	PROGRAM:	NESHAPs
		VIOLATION TYPE:	Other/Miscellaneous

Penalty Calculation Worksheet (PCW)

TCEQ

Policy Revision 2 (September 2002) *PCW Revision April 25, 2006*

DATES						
Assigned	17-Jul-2006					
PCW	22-Jan-2008	Screening	24-Jul-2006	EPA Due	07-Apr-2007	

RESPONDENT/FACILITY INFORMATION

Respondent	Shell Chemical LP		
Reg. Ent. Ref. No.	RN100211879		
Facility/Site Region	12-Houston	Major/Minor Source	Major Source

CASE INFORMATION

Enf./Case ID No.	28867	No. of Violations	1
Docket No.	2006-0328-MLM-E	Order Type	Findings
Media Program(s)	Air Quality	Enf. Coordinator	Trina Grieco
Multi-Media		EC's Team	Enforcement Team 6
Admin. Penalty $ Limit Minimum	$0	Maximum	$10,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) *Subtotal 1* $5,000

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 299% Enhancement *Subtotals 2, 3, & 7* $14,950

Notes: Penalty enhancement due to 28 NOVs issued for the same or similar violations, 24 NOVs issued for non-similar violations, which includes 18 self-reported effluent violations, five agreed orders issued with denial of liability, two agreed orders issued without denial of liability, and two consent decree/court orders with denial of liability. Penalty reduction due to submittal of 59 notice of audit letters, 12 violation disclosures, an environmental management system in place for one year or more, and participation in a voluntary pollution reduction program.

Culpability No 0% Enhancement *Subtotal 4* $0

Notes: The Respondent does not meet the culpability criteria.

Good Faith Effort to Comply 10% Reduction *Subtotal 5* -$500

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary		X
N/A		*(mark with a small x)*

Notes: The Respondent completed corrective actions on July 31, 2006.

Economic Benefit 0% Enhancement* *Subtotal 6* $0

**Capped at the Total EB $ Amount*

Total EB Amounts	$33
Approx. Cost of Compliance	$2,000

SUM OF SUBTOTALS 1-7 Final Subtotal $19,450

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment $0

Reduces or enhances the Final Subtotal by the indicated percentage. *(Enter number only; e.g. -30 for -30%.)*

Notes:

Final Penalty Amount $19,450

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty $10,000

DEFERRAL 0% Reduction Adjustment $0

Reduces the Final Assessed Penalty by the indicted percentage. *(Enter number only; e.g. 20 for 20% reduction.)*

Notes: No deferral offered since this is a Findings Order.

PAYABLE PENALTY $10,000

PCW 3

Screening Date 24-Jul-2006 **Docket No.** 2006-0328-MLM-E **PCW**
Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*
Case ID No. 28867 *PCW Revision April 25, 2006*
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Enf. Coordinator Trina Grieco

Compliance History Worksheet

>> Compliance History *Site* Enhancement (Subtotal 2)

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action *(number of NOVs meeting criteria)*	28	140%
	Other written NOVs	24	48%
Orders	Any agreed final enforcement orders containing a denial of liability *(number of orders meeting criteria)*	5	100%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	2	50%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government *(number of judgements or consent decrees meeting criteria)*	2	60%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government *(number of counts)*	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which notices were*	60	-60%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which violations were disclosed)*	12	-24%
		Please Enter Yes or No	
Other	Environmental management systems in place for one year or more	Yes	-10%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	Yes	-5%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) **299%**

>> Repeat Violator (Subtotal 3)

No

Adjustment Percentage (Subtotal 3) **0%**

>> Compliance History *Person* Classification (Subtotal 7)

Average Performer

Adjustment Percentage (Subtotal 7) **0%**

>> Compliance History Summary

Compliance History Notes

Penalty enhancement due to 28 NOVs issued for the same or similar violations, 24 NOVs issued for non-similar violations, which includes 18 self-reported effluent violations, five agreed orders issued with denial of liability, two agreed orders issued without denial of liability, and two consent decree/court orders with denial of liability. Penalty reduction due to submittal of 59 notice of audit letters, 12 violation disclosures, an environmental management system in place for one year or more, and participation in a voluntary pollution reduction program.

Total Adjustment Percentage (Subtotals 2, 3, & 7) **299%**

Screening Date 24-Jul-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision April 25, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number 1

Primary Rule Cite(s)	30 Tex. Admin. Code § 116.115(b)(2)(F), Air Permit No. 3219, General Condition 8
Secondary Rule Cite(s)	Tex. Health & Safety Code § 382.085(b)
Violation Description	Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 3,830 lbs of VOCs, 3,933.5 lbs of CO, and 652 lbs of NOx were released through three flares, EPNs OP2ELFLA, OP3ELFLA, and OP3GRFLA (Incident No. 74416), and 2,345 lbs of VOCs were released through a bleeder valve on the OP-2 Caustic Column during an emissions event that occurred in the Olefins 2 Unit on April 1, 2006 and lasted 9 hours and 30 minutes. The emissions from the OP-2 Caustic Column are not authorized by the permit. Since the emissions event was avoidable, Shell Chemical LP failed to meet the demonstration criteria for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

Release	Harm: Major	Moderate	Minor
Actual		x	
Potential			

OR

Percent 50%

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: Human health or the environment in the Houston-Galveston nonattainment area has been exposed to significant amounts of pollutants, including 7,935 lbs of HR VOCs and 1,087 lbs of HAPs, which did not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment -$5,000

Base Penalty Subtotal $5,000

Violation Events

Number of Violation Events 1 | 1 Number of violation days

mark only one / use a small x

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $5,000

One single event is recommended.

Economic Benefit (EB) for this violation

Estimated EB Amount $33

Statutory Limit Test

Violation Final Penalty Total $19,450

This violation Final Assessed Penalty (adjusted for limits) $10,000

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling	$2,000	01-Apr-2006	31-Jul-2006	0.3	$33	n/a	$33
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)				0.0	$0	n/a	$0
Notes for DELAYED costs	Estimated cost to implement measures designed to prevent the recurrence of emissions events due to the same cause. Date required based on the date of the release. Final date based on the compliance date.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance $2,000

TOTAL $33

Compliance History

Customer/Respondent/Owner-Operator: CN601405145 Shell Chemical LP Classification: AVERAGE Rating: 2.40

Regulated Entity: RN100211879 SHELL OIL DEER PARK Classification: AVERAGE Site Rating: 3.05

ID Number(s):

AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0659W
AIR OPERATING PERMITS	PERMIT	1669
AIR OPERATING PERMITS	PERMIT	1668
AIR OPERATING PERMITS	PERMIT	1940
AIR OPERATING PERMITS	PERMIT	1941
AIR OPERATING PERMITS	PERMIT	1942
AIR OPERATING PERMITS	PERMIT	1943
AIR OPERATING PERMITS	PERMIT	1945
AIR OPERATING PERMITS	PERMIT	1946
AIR OPERATING PERMITS	PERMIT	1947
AIR OPERATING PERMITS	PERMIT	1948
AIR OPERATING PERMITS	PERMIT	2108
AIR OPERATING PERMITS	PERMIT	3179
WASTEWATER	PERMIT	WQ0000402000
WASTEWATER	PERMIT	TPDES0004863
WASTEWATER	PERMIT	TX0004863
WASTEWATER	PERMIT	WQ0000403000
WASTEWATER	PERMIT	TPDES0004871
AIR NEW SOURCE PERMITS	PERMIT	3180
AIR NEW SOURCE PERMITS	PERMIT	47405
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	947405W
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	REGISTRATION	54895
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	REGISTRATION	55312
AIR NEW SOURCE PERMITS	REGISTRATION	76382
AIR NEW SOURCE PERMITS	REGISTRATION	75524
AIR NEW SOURCE PERMITS	REGISTRATION	55717
AIR NEW SOURCE PERMITS	REGISTRATION	55730
AIR NEW SOURCE PERMITS	REGISTRATION	55869
AIR NEW SOURCE PERMITS	REGISTRATION	76315
AIR NEW SOURCE PERMITS	EPA ID	PSDTX815
AIR NEW SOURCE PERMITS	PERMIT	PSDTX974
AIR NEW SOURCE PERMITS	PERMIT	PSDTX961
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928M1
AIR NEW SOURCE PERMITS	PERMIT	48912
AIR NEW SOURCE PERMITS	PERMIT	56476
AIR NEW SOURCE PERMITS	PERMIT	56496
AIR NEW SOURCE PERMITS	PERMIT	70389
AIR NEW SOURCE PERMITS	PERMIT	70613
AIR NEW SOURCE PERMITS	PERMIT	70903
AIR NEW SOURCE PERMITS	REGISTRATION	70893
AIR NEW SOURCE PERMITS	PERMIT	71223
AIR NEW SOURCE PERMITS	PERMIT	PSDTX896
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928
AIR NEW SOURCE PERMITS	REGISTRATION	71567
AIR NEW SOURCE PERMITS	REGISTRATION	71682
AIR NEW SOURCE PERMITS	PERMIT	52089
AIR NEW SOURCE PERMITS	PERMIT	52088
AIR NEW SOURCE PERMITS	PERMIT	50388
AIR NEW SOURCE PERMITS	PERMIT	50423
AIR NEW SOURCE PERMITS	PERMIT	50548
AIR NEW SOURCE PERMITS	PERMIT	52565
AIR NEW SOURCE PERMITS	PERMIT	50815
AIR NEW SOURCE PERMITS	PERMIT	54061
AIR NEW SOURCE PERMITS	PERMIT	53138
AIR NEW SOURCE PERMITS	PERMIT	52476
AIR NEW SOURCE PERMITS	PERMIT	52477
AIR NEW SOURCE PERMITS	PERMIT	54701
AIR NEW SOURCE PERMITS	PERMIT	70612
AIR NEW SOURCE PERMITS	REGISTRATION	74572
AIR NEW SOURCE PERMITS	REGISTRATION	75045
AIR NEW SOURCE PERMITS	EPA ID	PSDTX974
AIR NEW SOURCE PERMITS	REGISTRATION	76699
AIR NEW SOURCE PERMITS	EPA ID	PSDTX896
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928M1
AIR NEW SOURCE PERMITS	EPA ID	PSDTX961
AIR NEW SOURCE PERMITS	REGISTRATION	77284
AIR NEW SOURCE PERMITS	REGISTRATION	77952
AIR NEW SOURCE PERMITS	REGISTRATION	76265
AIR NEW SOURCE PERMITS	REGISTRATION	78624

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AIR NEW SOURCE PERMITS	REGISTRATION	78816
AIR NEW SOURCE PERMITS	REGISTRATION	78839
AIR NEW SOURCE PERMITS	REGISTRATION	78864
AIR NEW SOURCE PERMITS	PERMIT	6949
AIR NEW SOURCE PERMITS	PERMIT	7855
AIR NEW SOURCE PERMITS	PERMIT	9856
AIR NEW SOURCE PERMITS	PERMIT	11177
AIR NEW SOURCE PERMITS	PERMIT	12152
AIR NEW SOURCE PERMITS	PERMIT	12537
AIR NEW SOURCE PERMITS	PERMIT	13373
AIR NEW SOURCE PERMITS	PERMIT	13713
AIR NEW SOURCE PERMITS	PERMIT	16429
AIR NEW SOURCE PERMITS	PERMIT	1119
AIR NEW SOURCE PERMITS	PERMIT	1120
AIR NEW SOURCE PERMITS	PERMIT	3178
AIR NEW SOURCE PERMITS	PERMIT	3179
AIR NEW SOURCE PERMITS	PERMIT	3216
AIR NEW SOURCE PERMITS	PERMIT	5801
AIR NEW SOURCE PERMITS	PERMIT	6791
AIR NEW SOURCE PERMITS	PERMIT	7621
AIR NEW SOURCE PERMITS	PERMIT	9334
AIR NEW SOURCE PERMITS	PERMIT	10888
AIR NEW SOURCE PERMITS	PERMIT	11096
AIR NEW SOURCE PERMITS	PERMIT	11586
AIR NEW SOURCE PERMITS	PERMIT	12373
AIR NEW SOURCE PERMITS	PERMIT	12829
AIR NEW SOURCE PERMITS	PERMIT	13678
AIR NEW SOURCE PERMITS	PERMIT	15961
AIR NEW SOURCE PERMITS	PERMIT	8236
AIR NEW SOURCE PERMITS	PERMIT	9505
AIR NEW SOURCE PERMITS	PERMIT	15262
AIR NEW SOURCE PERMITS	PERMIT	15365
AIR NEW SOURCE PERMITS	PERMIT	15499
AIR NEW SOURCE PERMITS	PERMIT	15940
AIR NEW SOURCE PERMITS	PERMIT	18209
AIR NEW SOURCE PERMITS	PERMIT	18576
AIR NEW SOURCE PERMITS	PERMIT	18738
AIR NEW SOURCE PERMITS	PERMIT	18768
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	PERMIT	22038
AIR NEW SOURCE PERMITS	PERMIT	23273
AIR NEW SOURCE PERMITS	PERMIT	24096
AIR NEW SOURCE PERMITS	PERMIT	24874
AIR NEW SOURCE PERMITS	PERMIT	26368
AIR NEW SOURCE PERMITS	PERMIT	27598
AIR NEW SOURCE PERMITS	PERMIT	29597
AIR NEW SOURCE PERMITS	PERMIT	32282
AIR NEW SOURCE PERMITS	PERMIT	33524
AIR NEW SOURCE PERMITS	PERMIT	34230
AIR NEW SOURCE PERMITS	PERMIT	34358
AIR NEW SOURCE PERMITS	PERMIT	35243
AIR NEW SOURCE PERMITS	PERMIT	35608
AIR NEW SOURCE PERMITS	PERMIT	36226
AIR NEW SOURCE PERMITS	PERMIT	37206
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0659W
AIR NEW SOURCE PERMITS	AFS NUM	0039
AIR NEW SOURCE PERMITS	PERMIT	96
AIR NEW SOURCE PERMITS	PERMIT	97
AIR NEW SOURCE PERMITS	PERMIT	266
AIR NEW SOURCE PERMITS	PERMIT	747
AIR NEW SOURCE PERMITS	PERMIT	748
AIR NEW SOURCE PERMITS	PERMIT	920
AIR NEW SOURCE PERMITS	PERMIT	1920
AIR NEW SOURCE PERMITS	PERMIT	1968
AIR NEW SOURCE PERMITS	PERMIT	2597
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	PERMIT	3177
AIR NEW SOURCE PERMITS	PERMIT	3214
AIR NEW SOURCE PERMITS	PERMIT	3215
AIR NEW SOURCE PERMITS	PERMIT	3217
AIR NEW SOURCE PERMITS	PERMIT	3218
AIR NEW SOURCE PERMITS	PERMIT	3219
AIR NEW SOURCE PERMITS	PERMIT	3985A
AIR NEW SOURCE PERMITS	PERMIT	4256
AIR NEW SOURCE PERMITS	PERMIT	4406
AIR NEW SOURCE PERMITS	PERMIT	4596
AIR NEW SOURCE PERMITS	PERMIT	4933
AIR NEW SOURCE PERMITS	PERMIT	41920
AIR NEW SOURCE PERMITS	PERMIT	42191

AIR NEW SOURCE PERMITS	PERMIT	41875
AIR NEW SOURCE PERMITS	PERMIT	42221
AIR NEW SOURCE PERMITS	PERMIT	42573
AIR NEW SOURCE PERMITS	PERMIT	42512
AIR NEW SOURCE PERMITS	PERMIT	43605
AIR NEW SOURCE PERMITS	PERMIT	42118
AIR NEW SOURCE PERMITS	PERMIT	44820
AIR NEW SOURCE PERMITS	PERMIT	45654
AIR NEW SOURCE PERMITS	PERMIT	45653
AIR NEW SOURCE PERMITS	PERMIT	45652
AIR NEW SOURCE PERMITS	PERMIT	45944
AIR NEW SOURCE PERMITS	PERMIT	46535
AIR NEW SOURCE PERMITS	PERMIT	47575
AIR NEW SOURCE PERMITS	PERMIT	50052
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID	TXD067285973
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
UNDERGROUND INJECTION CONTROL	PERMIT	WDW172
UNDERGROUND INJECTION CONTROL	PERMIT	WDW173
PETROLEUM STORAGE TANK STAGE II	REGISTRATION	32780
WASTEWATER LICENSING	LICENSE	WQ0000402000
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1013348
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	6001443
IHW CORRECTIVE ACTION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE COMPLIANCE PLANS	PERMIT	50099
PETROLEUM STORAGE TANK REGISTRATION	REGISTRATION	32780

Location: 5900 HIGHWAY 225, DEER PARK, TX, 77536 Rating Date: 9/1/2005 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: July 20, 2006

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: July 20, 2001 to July 20, 2006

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name: Trina Grieco Phone: (210) 403-4006

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes

2. Has there been a (known) change in ownership of the site during the compliance period? Yes

3. If Yes, who is the current owner? Shell Deer Park Refinning Company
Shell Chemical LP
Shell Oil Company
Deer Park Refining Limited Partnership

4. If Yes, who was/were the prior owner(s)? Resolution Performance Products, LLC
Shell Oil Company
Equilon Enterprises LLC

5. When did the change(s) in ownership occur? 12/3/2002
06/04/2004

Components (Multimedia) for the Site :

A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.

Effective Date: 06/12/2003 ADMINORDER 2002-0478-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
40 CFR Part 61, Subpart V 61.242-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 4 PERMIT
Description: Failure to install redundant valves or end caps on open ended lines.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(d)(1)(i)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to adjust monitoring schedule to monthly from quarterly when leak rate exceeds 2%.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Part 63, Subpart G 63.114(a)(1)(ii)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 2 PERMIT
Description: Failure to install a temperature monitoring device in the gas stream immediately before and after the catalyst bed.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 8(A) PERMIT
Description: Failure to operate incinerator H9200 at a VOC outlet concentration of less than 20 ppmv.

Effective Date: 09/26/2004 ADMINORDER 2004-0101-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.7(a)(2)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.116(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to conduct flare performance testing in accordance with 40 CFR 63.11 within 180 days of startup or rule applicability.

Effective Date: 02/20/2006 ADMINORDER 2005-0765-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.721(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to obtain control emissions from an emissions event that occurred on December 21, 2000 at the Coker Unit.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)

30 TAC Chapter 101, SubChapter F 101.201(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit a complete final report for a reportable emissions event which occurred at the Coker Unit on December 21, 2000.

Effective Date: 05/12/2006 ADMINORDER 2005-1614-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to report the December 25, 2004 emissions event within 24 hours of discovery.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No 3214, Gen Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 241 lbs of 1, 3-Butadiene, 322 lbs of Butene, 1,299 lbs of Pentane, 2,182 lbs of Ethylene, 68 lbs of Benzene and 1,018 lbs of Propylene during a 10 hour and 30 minute emissions event that occurred on December 25, 2004 in the OP3 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: General Condition #8 PERMIT

Description: Failed to prevent unauthorized emissions of 686 lbs of 1, 3-Butadiene, 949 lbs of Butene, 1,299 lbs of Pentane, 4,059 lbs of Ethylene and 2,044 lbs of Propylene during a 23 minute emissions event that occurred on February 17, 2005 in the Olefins No. 3 Unit ("OP3").

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Max. Allow. Em. Rate Ta PERMIT
Description: Failed to prevent unauthorized emissions of 1847.7 lbs of Ethylene, 680.70 lbs of Carbon Monoxide, and 87.3 lbs of Nitrogen Monoxide during a 3-hour emissions event that occurred on February 24, 2005 at the Acetylene Converters in the Olefins #2 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Gen. Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 404 lbs of volatile organic compounds ("VOC") in one hour on January 13, 2005 in the OP2 Unit Elevated Flare. Specifically, 868 lbs of VOCs were released and the VOC maximum allowable emission rate for the flare is 464 lbs per hour.

Effective Date: 02/20/2006 ADMINORDER 2005-0734-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent a power outage at Switchback 6B13 which resulted in unauthorized emissions from the HIPA Flare, HIPA Vent, Benji Vent (PC5500A), and Relief Valves RV0624, RV3033B, and RV0298 on May 9, 2004. Category A.11.i(6).

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT

Description: Failed to maintain the ratio of hydrogen to acetylene in the converter resulting in the flaring of off-specification product resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on June 17, 2004.

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC #1 PERMIT
Description: Failed to prevent the lifting of Relief Valve RV3033B on the fat acid storage tank (T-75B) on June 27, 2004 which resulted in unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain steam pressure on the Olefins 2 Unit and operated the Propylene Refrigerator Compressor with a faulty suction/pressure indicating controller resulting in the flaring of off-specification products at the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on September 13, 2004.

Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: NSR Permit #3173, Special Condition #1 PA
Description: Failed to comply with the maximum allowable emission rates for carbon monoxide, volatile organic compounds ("VOC"), and nitrogen oxides and varied from permit representations for VOC emissions from the IPA Purge Line on September 6, 2004

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also Permit No. 3219, Gen. Condition 8 PERMIT
Description: Failed to control the ammonia concentration in the sour hydrogen feed resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on May 22, 2004. Category A.11.i(6).

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit initial notification of a reportable emissions event at the Isopropyl Alcohol (IPA) Unit which occurred on September 6, 2004 within 24 hours of discovery.

Effective Date: 08/20/2005 ADMINORDER 2004-0867-IHW-E

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(11)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.103(c)

Description: Failure to conduct compliance testing for the PHenol-3 BIF and submit recertification of compliance within three years of the previous certification.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(14)
Description: Failure to cease the burning of waste in the Phenol-3 BIF on October 12, 2003.

Effective Date: 08/30/2004 ADMINORDER 2003-1321-AIR-E

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: MAERT PERMIT
Description: Failed to comply with the permitted limit established in the MAERT of Air Permit No. 9334 for benzene. Specifically, Shell failed to prevent the unauthorized emission of benzene at the ACU Tank Farm, Tank D-371, for a period of 58 minutes on April 28, 2003. The permitted benzene limit for Tank D-371 is 0.45 lbs/hour.

See addendum for information regarding federal actions.

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

N/A

D. The approval dates of investigations. (CCEDS Inv. Track. No.)

1 09/20/2001 (IE0000485016001)
2 02/22/2002 (157682)
3 08/31/2002 (9511)
4 08/31/2002 (9388)
5 06/26/2003 (60695)
6 02/24/2003 (157683)
7 04/26/2002 (157741)
8 12/19/2002 (13703)
9 04/29/2003 (157742)
10 02/10/2003 (157684)
11 03/25/2002 (157686)
12 03/25/2003 (157687)
13 08/05/2005 (341201)
14 07/14/2006 (467608)
15 01/13/2003 (246531)
16 02/20/2003 (10139)
17 05/29/2002 (157745)
18 10/15/2002 (5839)
19 05/27/2003 (157746)
20 10/04/2004 (352006)
21 08/16/2004 (279252)
22 10/22/2003 (249626)
23 02/23/2005 (371820)
24 09/25/2003 (295217)
25 02/27/2006 (457162)
26 11/28/2005 (437043)
27 04/24/2006 (449499)
28 01/06/2005 (344370)
29 10/04/2005 (405964)
30 05/09/2005 (378729)
31 05/26/2006 (460174)

32	08/11/2004	(288458)
33	06/30/2006	(463111)
34	06/28/2005	(394944)
35	06/27/2002	(157749)
36	10/20/2004	(352007)
37	01/24/2006	(451885)
38	08/31/2002	(10160)
39	08/29/2002	(8058)
40	10/10/2005	(406428)
41	06/09/2004	(272409)
42	06/30/2006	(466561)
43	04/25/2006	(449838)
44	08/11/2004	(288745)
45	08/19/2002	(7668)
46	10/23/2003	(295219)
47	01/04/2004	(251319)
48	06/25/2003	(157750)
49	03/20/2006	(431859)
50	01/26/2005	(342583)
51	04/22/2002	(157692)
52	08/31/2002	(9479)
53	10/05/2005	(407310)
54	04/23/2003	(157693)
55	08/31/2002	(10241)
56	07/11/2006	(482755)
57	08/31/2002	(10071)
58	08/24/2002	(4890)
59	07/23/2003	(284079)
60	12/28/2004	(290091)
61	11/21/2003	(295220)
62	07/25/2002	(157753)
63	02/27/2006	(456661)
64	04/03/2003	(19124)
65	11/23/2004	(352008)
66	01/02/2004	(257380)
67	05/03/2005	(373899)
68	02/28/2006	(457143)
69	05/25/2005	(380203)
70	08/20/2001	(157755)
71	01/25/2006	(453221)
72	05/26/2006	(460095)
73	08/23/2005	(401945)
74	12/17/2003	(295221)
75	08/16/2002	(157756)
76	05/17/2006	(461235)
77	06/23/2006	(467537)
78	01/09/2005	(289381)
79	05/10/2006	(266908)
80	08/02/2002	(4405)
81	12/27/2004	(352009)
82	08/31/2002	(9298)
83	05/28/2002	(157696)
84	09/28/2005	(431096)
85	03/28/2006	(405965)
86	04/29/2005	(344372)
87	09/21/2001	(157758)
88	05/26/2006	(460156)
89	05/22/2003	(157697)
90	11/22/2004	(285617)
91	01/26/2004	(295222)

92	06/28/2003	(33595)
93	01/31/2005	(342585)
94	08/31/2004	(272715)
95	11/04/2005	(431796)
96	08/21/2002	(8730)
97	09/27/2002	(157759)
98	12/08/2005	(418800)
99	01/14/2004	(254260)
100	08/22/2005	(400922)
101	10/05/2005	(406803)
102	08/31/2002	(9698)
103	07/10/2006	(482757)
104	08/16/2005	(404329)
105	02/27/2004	(295223)
106	10/26/2001	(157761)
107	02/25/2006	(456944)
108	07/28/2005	(379300)
109	04/22/2005	(419640)
110	01/10/2003	(20830)
111	08/11/2004	(287418)
112	11/30/2003	(248256)
113	06/14/2006	(480612)
114	09/07/2004	(292099)
115	10/28/2002	(157762)
116	05/17/2006	(466235)
117	06/24/2002	(157700)
118	05/26/2004	(273578)
119	03/24/2004	(295225)
120	06/21/2005	(419641)
121	12/16/2005	(451110)
122	01/10/2005	(286434)
123	01/28/2004	(261052)
124	05/30/2006	(459416)
125	11/12/2004	(290146)
126	01/05/2005	(289527)
127	06/24/2003	(157701)
128	12/09/2002	(14114)
129	06/23/2004	(352010)
130	04/22/2005	(419642)
131	05/25/2004	(268601)
132	01/06/2005	(344373)
133	07/17/2002	(4842)
134	04/26/2006	(455005)
135	04/23/2004	(295226)
136	07/11/2006	(482760)
137	08/13/2002	(2149)
138	06/21/2005	(419643)
139	11/23/2001	(157765)
140	04/27/2006	(440023)
141	12/14/2004	(341177)
142	04/01/2005	(346780)
143	05/31/2006	(480622)
144	07/23/2002	(157704)
145	01/13/2002	(246530)
146	11/27/2002	(157766)
147	02/23/2006	(455872)
148	05/25/2004	(295228)
149	09/23/2005	(440775)
150	12/30/2004	(342431)
151	02/22/2005	(350798)

152	12/30/2004	(344374)
153	04/03/2006	(455004)
154	07/25/2003	(157705)
155	06/05/2003	(29924)
156	05/25/2004	(266874)
157	09/23/2005	(440776)
158	12/30/2004	(344491)
159	12/06/2002	(13895)
160	06/28/2006	(467525)
161	08/22/2001	(157707)
162	02/23/2004	(248995)
163	05/31/2006	(455293)
164	12/03/2002	(13971)
165	08/22/2002	(157708)
166	12/27/2001	(157769)
167	07/22/2004	(352011)
168	08/31/2004	(267451)
169	11/04/2005	(431865)
170	08/31/2002	(8665)
171	07/25/2003	(157709)
172	06/15/2006	(449850)
173	12/23/2002	(157770)
174	11/23/2005	(433921)
175	12/21/2004	(342546)
176	07/23/2003	(295231)
177	09/24/2001	(157711)
178	08/30/2005	(401403)
179	02/21/2006	(455170)
180	10/26/2005	(433389)
181	12/05/2004	(268602)
182	05/30/2006	(460198)
183	05/26/2006	(460637)
184	09/23/2002	(157712)
185	01/21/2004	(252556)
186	08/12/2003	(148558)
187	08/31/2002	(10222)
188	11/01/2001	(157713)
189	11/30/2005	(437117)
190	08/31/2002	(10117)
191	08/26/2003	(295233)
192	01/04/2005	(288475)
193	08/23/2004	(352012)
194	01/24/2002	(157773)
195	12/11/2004	(341292)
196	12/10/2004	(338725)
197	05/10/2006	(268067)
198	06/18/2004	(271341)
199	08/16/2004	(279239)
200	08/03/2005	(399624)
201	10/19/2001	(157715)
202	03/23/2006	(290016)
203	09/22/2004	(352013)
204	10/23/2002	(157716)
205	08/01/2002	(4773)
206	01/28/2003	(157774)
207	12/11/2004	(342406)
208	03/31/2004	(260311)
209	05/30/2003	(36614)
210	05/19/2004	(256196)
211	09/22/2003	(295235)

212	01/04/2005	(285114)
213	08/31/2004	(268068)
214	09/26/2002	(12173)
215	10/28/2003	(252341)
216	10/23/2002	(157718)
217	10/20/2004	(352014)
218	02/13/2003	(22044)
219	10/27/2003	(295237)
220	08/02/2005	(400361)
221	11/29/2004	(339553)
222	08/31/2002	(10030)
223	01/24/2003	(17948)
224	11/26/2001	(157720)
225	08/25/2005	(405926)
226	11/26/2003	(295238)
227	08/31/2002	(9860)
228	12/15/2004	(340217)
229	12/11/2004	(342558)
230	11/22/2004	(352015)
231	01/07/2005	(288436)
232	11/21/2002	(157721)
233	08/10/2005	(403710)
234	08/28/2002	(5059)
235	05/11/2003	(26340)
236	07/11/2006	(482407)
237	12/14/2004	(342547)
238	02/23/2006	(455897)
239	08/18/2005	(404406)
240	12/23/2003	(295239)
241	03/23/2005	(381809)
242	05/09/2003	(26339)
243	08/24/2002	(4888)
244	06/18/2004	(270854)
245	12/20/2004	(352016)
246	07/08/2002	(1368)
247	03/28/2005	(381810)
248	04/16/2004	(256199)
249	07/20/2005	(400891)
250	01/24/2005	(381811)
251	12/19/2001	(157724)
252	05/12/2006	(461088)
253	01/22/2004	(295240)
254	08/31/2002	(4913)
255	01/02/2004	(252698)
256	12/29/2004	(342425)
257	11/12/2004	(288819)
258	02/22/2005	(381812)
259	03/03/2006	(455540)
260	07/21/2005	(400399)
261	12/30/2002	(157725)
262	03/31/2003	(10812)
263	03/22/2005	(381813)
264	02/24/2006	(438342)
265	04/28/2006	(462216)
266	01/20/2005	(381814)
267	02/01/2005	(342419)
268	11/04/2002	(14763)
269	06/16/2003	(114383)
270	12/31/2002	(13462)
271	01/04/2005	(288902)

272	08/31/2002	(9964)
273	03/15/2006	(458469)
274	01/05/2005	(288541)
275	08/23/2003	(36650)
276	02/25/2006	(457085)
277	05/10/2003	(450832)
278	02/05/2003	(23703)
279	01/28/2002	(157728)
280	10/05/2005	(431097)
281	12/28/2004	(338893)
282	10/28/2005	(405406)
283	08/31/2002	(4915)
284	06/23/2006	(467329)
285	06/21/2006	(467546)
286	08/05/2005	(341194)
287	05/19/2004	(295206)
288	08/28/2002	(5060)
289	01/27/2003	(157729)
290	12/23/2002	(15106)
291	07/14/2004	(260134)
292	11/03/2005	(431819)
293	02/24/2003	(22731)
294	06/12/2006	(455296)
295	08/31/2002	(9758)
296	02/28/2006	(457152)
297	02/24/2006	(468329)
298	01/10/2005	(287676)
299	07/18/2005	(379933)
300	03/23/2006	(468330)
301	08/31/2002	(10403)
302	03/16/2004	(295208)
303	10/05/2005	(431095)
304	10/24/2005	(468331)
305	07/18/2005	(379934)
306	04/21/2004	(295209)
307	08/29/2003	(149848)
308	11/28/2005	(468332)
309	11/11/2004	(289756)
310	06/03/2004	(270210)
311	08/05/2005	(341195)
312	02/23/2004	(432673)
313	08/20/2001	(246533)
314	12/27/2005	(468333)
315	03/09/2006	(457675)
316	08/24/2004	(352003)
317	01/24/2006	(468334)
318	05/19/2004	(295211)
319	02/26/2002	(157733)
320	02/28/2003	(157734)
321	11/14/2005	(371956)
322	01/04/2005	(342600)
323	02/16/2006	(454090)
324	08/11/2004	(287399)
325	02/04/2002	(246532)
326	08/05/2005	(341198)
327	09/30/2004	(287575)
328	06/21/2004	(295213)
329	06/13/2006	(457735)
330	03/25/2002	(157736)
331	08/16/2005	(404327)

332 10/02/2002 (12436)
333 07/26/2004 (352004)
334 03/17/2006 (451544)
335 01/06/2005 (289146)
336 08/06/2003 (114294)
337 02/23/2006 (439108)
338 01/04/2005 (293105)
339 07/13/2005 (374690)
340 03/31/2003 (157737)
341 02/21/2006 (454835)
342 06/17/2005 (392662)
343 01/09/2003 (19750)
344 08/23/2005 (404915)
345 08/24/2004 (352005)
346 08/31/2004 (292677)
347 12/17/2004 (339115)
348 08/05/2005 (341200)
349 01/10/2005 (279219)

E. Written notices of violations (NOV). (CCEDS Inv. Track. No.)

1 **Date: 01/31/2003** (157683)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

2 **Date: 12/30/2004** (344491)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Failure to control emissions.

3 **Date: 01/21/2004** (252556)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
Rqmt Prov: PERMIT IA
Description: Shell damaged the lube oil pump for the Recycle Gas Compr. Either possible root cause (failure to prime the pump or improperly installing the new motive screws) avoidably damaged those screws. Shell failed to control SO2 emissions during a startup activity.

4 **Date: 12/14/2004** (340217)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(4)
30 TAC Chapter 305, SubChapter F 305.125(5)
TWC Chapter 26 26.121(a)(1)
Description: Failure to prevent the unauthorized discharge of untreated or partially treated process, sanitary, balast, and utility wastewaters through outfall 008. The permittee is authorized to discharge storm water and fire water only to outfall 008. See attached Table 1.

5 **Date: 06/28/2006** (467525)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent overpressure of Secondary Debutanizer Column, V-613.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failed to identify the preconstruction authorization.

6 **Date: 05/31/2002** (157749)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

7 **Date: 08/31/2004** (272715)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to operate within the permit limits.

8 **Date: 09/30/2004** (352007)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

9 **Date: 09/30/2003** (295219)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

10 **Date: 01/24/2003** (17948)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(10)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
Description: Failure to identify cause of the event and failure to comply with TCEQ Air Permit 3219.

11 **Date: 12/30/2002** (13462)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to comply with permitted effluent limits for pH, Oil and Grease, TOC, and BOD.

12 **Date: 01/07/2005** (288436)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Exceeded permit limits during an avoidable emissions event.

13 **Date: 09/30/2001** (157761)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

14 **Date: 11/30/2004** (352009)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

15 **Date: 03/31/2005** (419640)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

16 **Date: 01/13/2002** (246530)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

17 **Date: 12/08/2005** (418800)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to maintain compliance with the effluent permit limits. Effluent violations were reported for ammonia-nitrogen at outfall 104 in 07/05 and for calcium, nickel and fecal coliform at outfall 001 in 03/05.

18 **Date: 07/31/2005** (419643)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

19 **Date: 01/14/2004** (254260)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT IA
Description: Main induced-draft fan on Boiler H-8610 shut down when governor seized due to dirty oil (inadequate attention to the status of the oil). The (large) boiler tripped on loss of the fan. Two olefin plants were shut down due to insufficient steam supply to the steam turbines driving the large critical compressors.

20 **Date: 07/14/2006** (467608)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent unauthorized emissions during decoking of furnace FOL170.

21 **Date: 10/31/2001** (157765)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

22 **Date: 01/09/2005** (289381)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Exceeded permit limits during an avoidable emissions event..

23 **Date: 08/17/2005** (404327)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 110.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)

Description: Failure to maintain ammonia emissions below 10ppm on furnace 150.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)

Description: Failure to maintain ammonia emissions below 10ppm on furnace 180.

24 **Date: 12/28/2004** (290091)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter B 116.115(b)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to avoid loss of cooling in the PRC surface condensate system.

25 **Date: 06/20/2005** (395120)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to prevent spill during tank heel transfer.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)

30 TAC Chapter 101, SubChapter F 101.201(b)(8)

Description: Failure to submit an emissions event in a timely manner.

26 **Date: 01/04/2005** (342600)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to control hydrate formation in the demethanizer column.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

Description: Failure to report emissions event in a timely manner.

27 **Date: 04/30/2004** (295228)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

28 **Date: 02/27/2006** (438342)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to control unauthorized emissions.

29 **Date: 11/30/2001** (157769)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

30 **Date: 08/31/2004** (267451)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to prevent unauthorized emissions.

31 **Date: 06/30/2004** (352011)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

32 **Date: 10/10/2005** (406428)

Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to control emissions.

33 **Date: 12/31/2001** (157773)
Self Report? YES
Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

34 **Date: 07/13/2004** (260134)
Self Report? NO
Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to report an emissions event in a timely manner.

35 **Date: 02/23/2006** (439108)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Exceeded permit limits during an avoidable emissions event.

36 **Date: 11/30/2003** (295239)
Self Report? YES
Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

37 **Date: 06/15/2006** (457735)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent a leak from a line that was bent beyond its minimum flex radius creating a weak point that resulted in unauthorized emissions.
Self Report? NO
Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(c)
Description: Failure to submit a final record within two weeks of an emissions event.

38 **Date: 12/31/2001** (157728)
Self Report? YES
Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

39 **Date: 04/29/2005** (344372)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to control emissions.

40 **Date: 12/31/2002** (157729)
Self Report? YES
Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

41 **Date: 08/20/2001** (246533)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

42 **Date: 05/17/2006** (461235)
Self Report? NO
Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.665(f)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(j)(7)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to record whether the pilot flame was continuously present during each hour for Flares OP2ELFLA and OP3ELFLA

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and OP3GRFLA.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: Operation of Flares OP2ELFLA, OP3ELFLA and OP3GRFLA with visible emissions .

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: Nine OELs in HT2; 2 OELs in CIPX

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: Failure to seal 18 OELs in IRU.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

Rqmt Prov: OP IA
PERMIT IA

Description: Failure to seal OELs in BD3.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: Furnaces FOL-601 and FOL-602 exceeded the permitted maximum hourly firing rates.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: The fuel gas used by Furnaces FOL601, FOL602, FOL603 and FOL604 exceeded the permitted maximum H2S concentration.

43 **Date: 09/30/2005** (468331)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

44 **Date: 04/04/2006** (455004)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA

Description: Failure to control unauthorized emissions for Incident #64365.

45 **Date: 02/04/2002** (246532)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

46 **Date: 11/22/2004** (285617)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to operate within the permit limits.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)

Description: Failure to indicate the air contaminants from the flare completely in the final report.

47 **Date: 06/28/2003** (33595)

Self Report? NO Classification: Moderate

Citation: 5C THC Chapter 382, SubChapter A 382.085(a)

Description: Failed to prevent an emissions release by good design, operation, and maintenance practices.

48 **Date: 05/11/2003** (26340)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

Description: Shell failed to prevent unauthorized emissions from an activity or event that could have been foreseen and avoided by good design, operation, and maintenance practices.

49 **Date: 01/04/2004** (251319)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT IA

Description: Shell allowed 237 lbs of unauthorized emissions of mesityl oxide (a highly irritating ketone, which overflowed Tank T-40-16 due to an inaccurate level indicator and failure to respond to a high level alarm from the back up high level alarm system.

50 **Date: 02/28/2002** (157736)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

51 **Date: 05/31/2006** (455293)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to prevent an operator error resulting in unauthorized emissions.

52 **Date: 12/30/2004** (344374)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA

Description: Failure to Control Emissions

F. Environmental audits.

1 **Notice of Intent Date: 05/27/2003** (112481)

No DOV Associated

2 **Notice of Intent Date: 06/13/2003** (251436)

No DOV Associated

3 **Notice of Intent Date: 06/12/2003** (251440)

Disclosure Date: 09/04/2003

Viol. Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.116(a)[G]

Description: Failure to maintain and compile inspection reports that document all of the elements required by the applicable regulations.

4 **Notice of Intent Date: 08/12/2003** (251504)

No DOV Associated

5 **Notice of Intent Date: 09/05/2003** (251740)

No DOV Associated

6 **Notice of Intent Date: 09/05/2003** (251760)

No DOV Associated

7 **Notice of Intent Date: 10/20/2003** (263020)

No DOV Associated

8 **Notice of Intent Date: 10/20/2003** (263024)

No DOV Associated

9 **Notice of Intent Date: 10/20/2003** (263025)

No DOV Associated

10 **Notice of Intent Date: 10/20/2003** (263029)

No DOV Associated

11 **Notice of Intent Date: 10/20/2003** (263033)

Disclosure Date: 12/07/2004

Viol. Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.136(a)(1)

30 TAC Chapter 115, SubChapter B 115.136(a)(4)

Description: records not available for daily sampling/analysis results for vapor pressure of the wastewater streams procssed by the unit's API separator

12 **Notice of Intent Date: 11/20/2003** (449697)

No DOV Associated

13 **Notice of Intent Date: 10/28/2004** (263123)

No DOV Associated

14 **Notice of Intent Date: 04/28/2003** (263686)
No DOV Associated

15 **Notice of Intent Date: 02/26/2003** (263866)
No DOV Associated

16 **Notice of Intent Date: 02/20/2004** (265126)
No DOV Associated

17 **Notice of Intent Date: 12/20/2002** (265131)
Disclosure Date: 06/24/2003

Viol. Classification: Major
Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]

Description: Failed to authorize emissions from rail car cleaning.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.10[G]

Description: Failed to report emissions from EPN Carclean in emissions inventory.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.541[G]

Description: Failed to justify control efficiency of railcar cleaning CAS.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.546[G]

Description: Failed to keep records of CAS breakthrough monitoring.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.132(e)(4)(C)(iii)

Description: failed to submit compliance plan with application

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.541[G]

Description: failed to process tank cars with partial vapor pressure of >= 0.5 psia through properly operating control system

18 **Notice of Intent Date: 02/26/2003** (29900)
No DOV Associated

19 **Notice of Intent Date: 06/12/2001** (32699)
Disclosure Date: 11/13/2001

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20[G]

30 TAC Chapter 113, SubChapter C 113.120

40 CFR Part 63, Subpart G 63.114(d)

Description: Two lines routed to a Group 1 process vent have bypass lines that do not have flow indicators nor are they secured in the non-diverting position with a car seal.

20 **Notice of Intent Date: 08/14/2001** (32759)
No DOV Associated

21 **Notice of Intent Date: 08/20/2001** (32762)
Disclosure Date: 09/14/2001

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)

30 TAC Chapter 116, SubChapter B 116.115(b)(2)[G]

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF
61.356(i)(1)
40 CFR Part 63, Subpart G 63.118(a)

Description: Failure to maintain complete and continuous recording of pilot flame presence for the ground flare and elevated flares.

22 **Notice of Intent Date: 09/26/2001** (32825)
No DOV Associated

23 **Notice of Intent Date: 11/19/2001** (32880)
No DOV Associated

24 **Notice of Intent Date: 01/18/2002** (32901)
Disclosure Date: 02/08/2002

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.663(b)(1)

40 CFR Part 60, Subpart NNN 60.665(d)

40 CFR Part 60, Subpart NNN 60.665(f)

40 CFR Part 60, Subpart NNN 60.665(m)

Description: Failure to acquire approval to waive the requirements of a continuous pilot flame recorder for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.663(b)(2)

40 CFR Part 60, Subpart NNN 60.665(d)

40 CFR Part 60, Subpart NNN 60.665(m)

Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.665(l)(1)

40 CFR Part 60, Subpart NNN 60.665(l)(2)

40 CFR Part 60, Subpart NNN 60.665(l)(4)

40 CFR Part 60, Subpart NNN 60.665(m)

40 CFR Part 60, Subpart NNN 60.665(p)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7[G]

Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FINID numbers IRUFLR and TRUFLRG.

25 **Notice of Intent Date: 01/12/2003** (32908)
No DOV Associated

26 **Notice of Intent Date: 03/01/2002** (32928)
No DOV Associated

27 **Notice of Intent Date: 03/19/2002** (32937)
No DOV Associated

28 **Notice of Intent Date: 04/12/2002** (32949)
No DOV Associated

29 **Notice of Intent Date: 05/30/2002** (32974)
No DOV Associated

30 **Notice of Intent Date: 06/26/2002** (32979)
No DOV Associated

31 **Notice of Intent Date: 08/19/2002** (33022)
No DOV Associated

32 **Notice of Intent Date: 09/04/2002** (33051)
No DOV Associated

33 **Notice of Intent Date: 09/16/2002** (33069)
No DOV Associated

34 **Notice of Intent Date: 10/29/2002** (33101)
No DOV Associated

35 **Notice of Intent Date: 11/20/2002** (33116)

No DOV Associated

36 **Notice of Intent Date: 08/06/2004** (334038)
Disclosure Date: 10/12/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1) Req Prpv: PERMITCompliance b. Operational Requirements 1

PERMITGeneral b.

Description: noncompliance with requirement to maintain all facilities and systems of treatment and control (and related appurtenances)

37 **Notice of Intent Date: 08/06/2004** (334047)
Disclosure Date: 08/26/2004
Viol. Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter A; 40 CFR Chapter 261, SubChapter I, PT 261, SubPT A
Description: Failure to characterize a process water stream from a leaking economizer, which contained K022 waste.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter C; 30 TAC Chapter 335, SubChapter R; 409 CFR Chapter 262, SubChapter I, PT 262, SubPT A
Failure to characterize wastewater treatment plant residues carrying the K022 waste code.

Description: Failure to characterize wastewater treatment plant residues carrying the K022 waste code.

Viol. Classification: Moderate
Citation:
Description: 30 TAC Chapter 335, SubChapter A
Improper disposal of K022 WWTP residual solids at a Class 1 non-hazardous waste landfill.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter D
Description: amend RCRA permit to reflect management of K022 waste.

Viol. Classification: Moderate
Citation: Permit 1. General b.
Description: discharge of process water to storm water impoundment basins.

38 **Notice of Intent Date: 08/27/2004** (334576)
No DOV Associated

39 **Notice of Intent Date: 07/16/2002** (33993)
No DOV Associated

40 **Notice of Intent Date: 10/12/2004** (349555)
No DOV Associated

41 **Notice of Intent Date: 11/11/2004** (349565)
No DOV Associated

42 **Notice of Intent Date: 01/04/2005** **(349867)**
Disclosure Date: 06/17/2005

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C 113.320
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(d)(5)

Description: documentation was not readily available to fully demonstrate that a formal refinery maximum achievable control technology applicability determination (ie >5% HAPS) had been made for equipment in light crude service

Viol. Classification: Minor
Citation: 40 CFR Chapter 60, SubChapter C, PT 60; SubPT A 60.7(a)(1)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(3)

Description: one New Source Performance Standard (NSPS) notification for Start of Construction and Start of Operation for the CGHT unit could not be located

Viol. Classification: Minor
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(a)(3)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(b)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(4)

Description: documentation was not readily available to fully demonstrate that the process to determine if a project triggered NSPS "Modification" was being completed for NSPS Subpart GGG compliance

Citation: 30 TAC Chapter 101, SubChapter A 101.10(b)[G]
30 TAC Chapter 101, SubChapter A 101.10(c)
30 TAC Chapter 101, SubChapter A 101.10(d)
30 TAC Chapter 101, SubChapter A 101.10(e)
40 CFR Chapter 372, SubChapter J, PT 372, SubPT B 372.30(a)

Description: emissions from fueling of vehicles in the Deer Park Refinery were not included in emissions inventories as required

Citation: Viol. Classification: Minor
30 TAC Chapter 113, SubChapter C 113.100[G] 40
CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.10(d)(5) 40
CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.6(e)(3)(i)

Description: documentation was not readily available to demonstrate the development of a formal startup, shutdown, and malfunction plan (SSMP), and to document that when appropriate, a semi-annual report was submitted

Citation: Viol. Classification: Minor
30 TAC Chapter 113, SubChapter C 113.320
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.640(l)(3)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(f)(1)(ii)

Description: documentation was not readily available to fully demonstrate the group 1 or group 2 applicability determination for miscellaneous process vents

Citation: Viol. Classification: Moderate
30 TAC Chapter 113, SubChapter C 113.110
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(4)(i)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(6)

Description: although monthly monitoring of cooling water return to the HON SWT was conducted and no leaks were detected, it is unclear whether there was complete compliance wiht HON requirements

Viol. Classification: Moderate
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF
61.347(a)(1)(i)(A) 40
CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(h)

Description: annual LDAR instrument monitoring of CPI and IGF benzene wastewater equipment had not been performed as required by benzene waste NESHAP regulations

Citation: Viol. Classification: Moderate
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF
61.347(a)(1)(i)(A) 40
CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(b)

Description: periodic visual inspection of the CPI and IGF benzene wastewater equipment to ensure access hatches and other openings are properly closed and gasketed had not been performed as required by the benzene waste NESHAP regulations

43 **Notice of Intent Date: 01/06/2005** (349868)
No DOV Associated

Citation: (350720)
No DOV Associated

44 **Notice of Intent Date: 01/27/2005** (350721)
Disclosure Date: 03/23/2005

Viol. Classification: Moderate
Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT F
63.105(b)[G]
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(c)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(d)

Description: failed to meet requirements for maintenance/start-up/shutdown related activities

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.110

Description: incorporation by reference of 40 CFR 63 Subpart F (SOCMI MACT standard)

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.120

Description: incorporation by reference of 40 CFR 63 Subpart G (SOCMI for Process Vents, Storage Vessels, Transfer Operations, and Wastewater MACT standard)

45 **Notice of Intent Date: 01/27/2005** (350723)
Disclosure Date: 07/06/2005

Viol. Classification: Moderate

Citation: 40 CFR Chapter 262, SubChapter I, PT 262, SubPT C 262.34[G]

30 TAC Chapter 335, SubChapter C 335.69[G]

Description: Equipment associated with a decommissioned cumene unit in the Phenol Acetone Production Areas was not properly decontaminated when shut down in 2001. Process vessels, pumps, exchangers, and piping contain material that meets the definition of a characteristically hazardous waste (D002, D018).

46 **Notice of Intent Date: 01/05/2005** (371573)
No DOV Associated

47 **Notice of Intent Date: 03/02/2005** (375030)
No DOV Associated

48 **Notice of Intent Date: 03/02/2005** (375031)
Disclosure Date: 07/14/2005

Viol. Classification: Minor

Req Prpv:
PERMITAir New Source Permit No. 9334 SC 10.D

Description: no notification 30 days in advance of 11/04 seal gap measurement for Aromatics EFR tank G-359

Viol. Classification: Minor

Req Prpv:
PERMITAir New Source Permits

Description: no notification 30 days in advance of refilling of Solvents IFR tank T140B, Phenol Acetone IFR tank D391, Solvents IFR tank F337

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.120 Req Prpv:
PERMITPermit 9334 Special Condition 10D

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G
63.120(a)(3)(iii) PERMITPermit 9334 Special Condition 10D

Description: no 10 yr internal seal inspection of Aromatics IFR tank F-361

49 **Notice of Intent Date: 04/15/2005** (380864)
No DOV Associated

50 **Notice of Intent Date: 05/18/2005** (396476)
No DOV Associated

51 **Notice of Intent Date: 06/19/2003** (397860)
No DOV Associated

52 **Notice of Intent Date: 08/22/2005** (434090)
No DOV Associated

53 **Notice of Intent Date: 08/22/2005** (434095)
No DOV Associated

54 **Notice of Intent Date: 11/04/2005** (438422)
No DOV Associated

55 **Notice of Intent Date: 12/02/2005** (451075)
No DOV Associated

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	Shell Chemical Company	CUSTOMER NO.:	CN601405145
REGULATED ENTITY:	Shell Chemical Company Deer Park	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 Hwy 225		
REG. ENTITY CITY:	Deer Park		

Violations

EPA CASE NO.:	06-1998-0547	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20011015	STATUTE: CAA	SECT. OF STATUTE: 112R
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	CITE PART: CITE SECT:
CASE RESULT:	Final Order With Penalty	PROGRAM:	NESHAPs
		VIOLATION TYPE:	Other/Miscellaneous

Penalty Calculation Worksheet (PCW)

TCEQ

Policy Revision 2 (September 2002) *PCW Revision April 25, 2006*

DATES						
Assigned	07-Aug-2006					
PCW	22-Jan-2008	Screening	15-Aug-2006	EPA Due	27-Apr-2007	

RESPONDENT/FACILITY INFORMATION

Respondent	Shell Chemical LP		
Reg. Ent. Ref. No.	RN100211879		
Facility/Site Region	12-Houston	Major/Minor Source	Major Source

CASE INFORMATION

Enf./Case ID No.	28867	No. of Violations	2
Docket No.	2006-0328-MLM-E	Order Type	Findings
Media Program(s)	Air Quality	Enf. Coordinator	Trina Grieco
Multi-Media		EC's Team	Enforcement Team 6
Admin. Penalty $ Limit	Minimum $0	Maximum	$10,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) *Subtotal 1* $22,500

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 301% Enhancement *Subtotals 2, 3, & 7* $67,725

Notes: Penalty enhancement due to 27 NOVs issued for the same or similar violations, 27 NOVs issued for non-similar violations, which includes 18 self-reported effluent violations, five agreed orders issued with denial of liability, two agreed orders issued without denial of liability, and two consent decree/court orders with denial of liability. Penalty reduction due to submittal of 59 notice of audit letters, 12 violation disclosures, an environmental management system in place for one year or more, and participation in a voluntary pollution reduction program.

Culpability No 0% Enhancement *Subtotal 4* $0

Notes: The Respondent does not meet culpability criteria.

Good Faith Effort to Comply 0% Reduction *Subtotal 5* $0

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary		
N/A	x	*(mark with a small x)*

Notes: The Respondent does not meet good faith criteria.

Economic Benefit 0% Enhancement* *Subtotal 6* $0

**Capped at the Total EB $ Amount*

Total EB Amounts	$75
Approx. Cost of Compliance	$2,500

SUM OF SUBTOTALS 1-7 Final Subtotal $90,225

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment $0

Reduces or enhances the Final Subtotal by the indicated percentage. *(Enter number only; e.g. -30 for -30%.)*

Notes:

Final Penalty Amount $90,225

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty $30,000

DEFERRAL 0% Reduction Adjustment $0

Reduces the Final Assessed Penalty by the indicted percentage. *(Enter number only; e.g. 20 for 20% reduction.)*

Notes: No deferral offered since this is a Findings Order.

PAYABLE PENALTY $30,000

PCW 4

Screening Date 15-Aug-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision April 25, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Compliance History Worksheet

>> **Compliance History *Site* Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action *(number of NOVs meeting criteria)*	27	135%
	Other written NOVs	27	54%
Orders	Any agreed final enforcement orders containing a denial of liability *(number of orders meeting criteria)*	5	100%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	2	50%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government *(number of judgements or consent decrees meeting criteria)*	2	60%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government *(number of counts)*	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which notices were*	59	-59%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which violations were disclosed)*	12	-24%
		Please Enter Yes or No	
Other	Environmental management systems in place for one year or more	Yes	-10%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	Yes	-5%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) **301%**

>> **Repeat Violator (Subtotal 3)**

No

Adjustment Percentage (Subtotal 3) **0%**

>> **Compliance History *Person* Classification (Subtotal 7)**

Average Performer

Adjustment Percentage (Subtotal 7) **0%**

>> **Compliance History Summary**

Compliance History Notes

Penalty enhancement due to 27 NOVs issued for the same or similar violations, 27 NOVs issued for non-similar violations, which includes 18 self-reported effluent violations, five agreed orders issued with denial of liability, two agreed orders issued without denial of liability, and two consent decree/court orders with denial of liability. Penalty reduction due to submittal of 59 notice of audit letters, 12 violation disclosures, an environmental management system in place for one year or more, and participation in a voluntary pollution reduction program.

Total Adjustment Percentage (Subtotals 2, 3, & 7) **301%**

Screening Date 15-Aug-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision April 25, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number 1

Primary Rule Cite(s)	30 Tex. Admin. Code § 116.115(b)(2)(F), Air Permit No. 3219 and PSD-TX-974, General Condition 8
Secondary Rule Cite(s)	30 Tex. Admin. Code § 101.20(3) and Tex. Health & Safety Code § 382.085(b)
Violation Description	Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 1,107.27 pounds ("lbs") of volatile organic compounds ("VOCs"), 883.49 lbs of carbon monoxide, and 130.29 lbs of nitrogen oxides were released through three flares, emission point numbers ("EPNs") OP2ELFLA, OP3ELFLA, and OP3GRFLA (Incident No. 73400), and 194 lbs of ethylene were released through pressure relief valve RV-OL-4002 during an emissions event that occurred in the Olefins 2 Unit on March 21, 2006 and lasted 35 minutes. The emissions from the pressure relief valve are not authorized by the permit. Since the emissions event was avoidable, Shell Chemical LP failed to meet the demonstration criteria for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

	Harm		
Release	Major	Moderate	Minor
Actual			x
Potential			

OR

Percent 25%

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: Human health or the environment in the Houston-Galveston nonattainment area has been exposed to 1.06 tons of pollutants which included 1,265.17 lbs of HRVOCs and 16.61 lbs of a hazardous air pollutant. These emissions did not exceed levels that are protective of human health or environmental receptors.

Adjustment -$7,500

Base Penalty Subtotal $2,500

Violation Events

Number of Violation Events 1 | 1 Number of violation days

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

mark only one use a small x

Violation Base Penalty $2,500

One single event is recommended.

Economic Benefit (EB) for this violation

Estimated EB Amount $3

Statutory Limit Test

Violation Final Penalty Total $10,025

This violation Final Assessed Penalty (adjusted for limits) $10,000

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)	$1,500	21-Mar-2006	31-Mar-2006	0.0	$0	$3	$3
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)				0.0	$0	n/a	$0
Notes for DELAYED costs	Estimated cost to develop and implement procedures that ensure air lines are installed in proper locations and a maintenance program that prevents the lines from clogging. Date required based on the date of the release. Final date based on the compliance date.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance $1,500

TOTAL $3

Screening Date 15-Aug-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision April 25, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number 2

Primary Rule Cite(s)	30 Tex. Admin. Code § 116.115(b)(2)(F), Air Permit No. 3179, General Condition 8
Secondary Rule Cite(s)	Tex. Health & Safety Code § 382.085(b)
Violation Description	Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 6,605 lbs of VOCs, which included the 4,792 lbs of the hazardous air pollutant benzene, were released through Phenol 2 Process Fugitives, EPN PAUFE (Incident No. 73264), during an emissions event that occurred in the Phenol Acetone Unit #2 on March 21, 2006 and lasted 31 hours and 5 minutes. The emissions are not authorized by the permit. Since the emissions event was avoidable, Shell Chemical LP failed to meet the demonstration criteria for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

Release	Harm: Major	Moderate	Minor
Actual	X		
Potential			

OR

Percent 100%

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: Human health in the Houston-Galveston nonattainment area was exposed to 3.3 tons of pollutants which included 2.4 tons of a HAP. These emissions exceeded levels that are protective to human health or environmental receptors and Shell is in close proximity to schools and residences.

Adjustment $0

Base Penalty Subtotal $10,000

Violation Events

Number of Violation Events 2 | 2 Number of violation days

mark only one (use a small x)	
daily	X
monthly	
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty $20,000

Two daily events are recommended event is recommended.

Economic Benefit (EB) for this violation

Estimated EB Amount $72

Statutory Limit Test

Violation Final Penalty Total $80,200

This violation Final Assessed Penalty (adjusted for limits) $20,000

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)	$1,000	21-Mar-2006	01-Apr-2007	1.0	$3	$69	$72
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)				0.0	$0	n/a	$0
Notes for DELAYED costs	Estimated cost to develop and implement procedures that include oversight of contractors to ensure they clean surfaces before gaskets are installed. Date required based on the date of the release. Final date based on the projected compliance date.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance $1,000

TOTAL $72

Compliance History

Customer/Respondent/Owner-Operator: CN601405145 Shell Chemical LP Classification: AVERAGE Rating: 2.40

Regulated Entity: RN100211879 SHELL OIL DEER PARK Classification: AVERAGE Site Rating: 3.02

ID Number(s):

AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0659W
AIR OPERATING PERMITS	PERMIT	1669
AIR OPERATING PERMITS	PERMIT	1668
AIR OPERATING PERMITS	PERMIT	1940
AIR OPERATING PERMITS	PERMIT	1941
AIR OPERATING PERMITS	PERMIT	1942
AIR OPERATING PERMITS	PERMIT	1943
AIR OPERATING PERMITS	PERMIT	1945
AIR OPERATING PERMITS	PERMIT	1946
AIR OPERATING PERMITS	PERMIT	1947
AIR OPERATING PERMITS	PERMIT	1948
AIR OPERATING PERMITS	PERMIT	2108
AIR OPERATING PERMITS	PERMIT	3179
WASTEWATER	PERMIT	WQ0000402000
WASTEWATER	PERMIT	TPDES0004863
WASTEWATER	PERMIT	TX0004863
WASTEWATER	PERMIT	WQ0000403000
WASTEWATER	PERMIT	TPDES0004871
AIR NEW SOURCE PERMITS	PERMIT	3180
AIR NEW SOURCE PERMITS	PERMIT	47405
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	947405W
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	REGISTRATION	54895
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	REGISTRATION	55312
AIR NEW SOURCE PERMITS	REGISTRATION	76382
AIR NEW SOURCE PERMITS	REGISTRATION	75524
AIR NEW SOURCE PERMITS	REGISTRATION	55717
AIR NEW SOURCE PERMITS	REGISTRATION	55730
AIR NEW SOURCE PERMITS	REGISTRATION	55869
AIR NEW SOURCE PERMITS	REGISTRATION	76315
AIR NEW SOURCE PERMITS	EPA ID	PSDTX815
AIR NEW SOURCE PERMITS	PERMIT	PSDTX974
AIR NEW SOURCE PERMITS	PERMIT	PSDTX961
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928M1
AIR NEW SOURCE PERMITS	PERMIT	48912
AIR NEW SOURCE PERMITS	PERMIT	56476
AIR NEW SOURCE PERMITS	PERMIT	56496
AIR NEW SOURCE PERMITS	PERMIT	70389
AIR NEW SOURCE PERMITS	PERMIT	70613
AIR NEW SOURCE PERMITS	PERMIT	70903
AIR NEW SOURCE PERMITS	REGISTRATION	70893
AIR NEW SOURCE PERMITS	PERMIT	71223
AIR NEW SOURCE PERMITS	PERMIT	PSDTX896
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928
AIR NEW SOURCE PERMITS	REGISTRATION	71567
AIR NEW SOURCE PERMITS	REGISTRATION	71682
AIR NEW SOURCE PERMITS	PERMIT	52089
AIR NEW SOURCE PERMITS	PERMIT	52088
AIR NEW SOURCE PERMITS	PERMIT	50388
AIR NEW SOURCE PERMITS	PERMIT	50423
AIR NEW SOURCE PERMITS	PERMIT	50548
AIR NEW SOURCE PERMITS	PERMIT	52565
AIR NEW SOURCE PERMITS	PERMIT	50815
AIR NEW SOURCE PERMITS	PERMIT	54061
AIR NEW SOURCE PERMITS	PERMIT	53138
AIR NEW SOURCE PERMITS	PERMIT	52476
AIR NEW SOURCE PERMITS	PERMIT	52477
AIR NEW SOURCE PERMITS	PERMIT	54701
AIR NEW SOURCE PERMITS	PERMIT	70612
AIR NEW SOURCE PERMITS	REGISTRATION	74572
AIR NEW SOURCE PERMITS	REGISTRATION	75045
AIR NEW SOURCE PERMITS	EPA ID	PSDTX974
AIR NEW SOURCE PERMITS	REGISTRATION	76699
AIR NEW SOURCE PERMITS	EPA ID	PSDTX896
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928M1
AIR NEW SOURCE PERMITS	EPA ID	PSDTX961
AIR NEW SOURCE PERMITS	REGISTRATION	77284
AIR NEW SOURCE PERMITS	REGISTRATION	77952
AIR NEW SOURCE PERMITS	REGISTRATION	76265
AIR NEW SOURCE PERMITS	REGISTRATION	78624

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AIR NEW SOURCE PERMITS	REGISTRATION	78816
AIR NEW SOURCE PERMITS	REGISTRATION	78839
AIR NEW SOURCE PERMITS	REGISTRATION	78864
AIR NEW SOURCE PERMITS	PERMIT	6949
AIR NEW SOURCE PERMITS	PERMIT	7855
AIR NEW SOURCE PERMITS	PERMIT	9856
AIR NEW SOURCE PERMITS	PERMIT	11177
AIR NEW SOURCE PERMITS	PERMIT	12152
AIR NEW SOURCE PERMITS	PERMIT	12537
AIR NEW SOURCE PERMITS	PERMIT	13373
AIR NEW SOURCE PERMITS	PERMIT	13713
AIR NEW SOURCE PERMITS	PERMIT	16429
AIR NEW SOURCE PERMITS	PERMIT	1119
AIR NEW SOURCE PERMITS	PERMIT	1120
AIR NEW SOURCE PERMITS	PERMIT	3178
AIR NEW SOURCE PERMITS	PERMIT	3179
AIR NEW SOURCE PERMITS	PERMIT	3216
AIR NEW SOURCE PERMITS	PERMIT	5801
AIR NEW SOURCE PERMITS	PERMIT	6791
AIR NEW SOURCE PERMITS	PERMIT	7621
AIR NEW SOURCE PERMITS	PERMIT	9334
AIR NEW SOURCE PERMITS	PERMIT	10888
AIR NEW SOURCE PERMITS	PERMIT	11096
AIR NEW SOURCE PERMITS	PERMIT	11586
AIR NEW SOURCE PERMITS	PERMIT	12373
AIR NEW SOURCE PERMITS	PERMIT	12829
AIR NEW SOURCE PERMITS	PERMIT	13678
AIR NEW SOURCE PERMITS	PERMIT	15961
AIR NEW SOURCE PERMITS	PERMIT	8236
AIR NEW SOURCE PERMITS	PERMIT	9505
AIR NEW SOURCE PERMITS	PERMIT	15262
AIR NEW SOURCE PERMITS	PERMIT	15365
AIR NEW SOURCE PERMITS	PERMIT	15499
AIR NEW SOURCE PERMITS	PERMIT	15940
AIR NEW SOURCE PERMITS	PERMIT	18209
AIR NEW SOURCE PERMITS	PERMIT	18576
AIR NEW SOURCE PERMITS	PERMIT	18738
AIR NEW SOURCE PERMITS	PERMIT	18768
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	PERMIT	22038
AIR NEW SOURCE PERMITS	PERMIT	23273
AIR NEW SOURCE PERMITS	PERMIT	24096
AIR NEW SOURCE PERMITS	PERMIT	24874
AIR NEW SOURCE PERMITS	PERMIT	26368
AIR NEW SOURCE PERMITS	PERMIT	27598
AIR NEW SOURCE PERMITS	PERMIT	29597
AIR NEW SOURCE PERMITS	PERMIT	32282
AIR NEW SOURCE PERMITS	PERMIT	33524
AIR NEW SOURCE PERMITS	PERMIT	34230
AIR NEW SOURCE PERMITS	PERMIT	34358
AIR NEW SOURCE PERMITS	PERMIT	35243
AIR NEW SOURCE PERMITS	PERMIT	35608
AIR NEW SOURCE PERMITS	PERMIT	36226
AIR NEW SOURCE PERMITS	PERMIT	37206
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0659W
AIR NEW SOURCE PERMITS	AFS NUM	0039
AIR NEW SOURCE PERMITS	PERMIT	96
AIR NEW SOURCE PERMITS	PERMIT	97
AIR NEW SOURCE PERMITS	PERMIT	266
AIR NEW SOURCE PERMITS	PERMIT	747
AIR NEW SOURCE PERMITS	PERMIT	748
AIR NEW SOURCE PERMITS	PERMIT	920
AIR NEW SOURCE PERMITS	PERMIT	1920
AIR NEW SOURCE PERMITS	PERMIT	1968
AIR NEW SOURCE PERMITS	PERMIT	2597
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	PERMIT	3177
AIR NEW SOURCE PERMITS	PERMIT	3214
AIR NEW SOURCE PERMITS	PERMIT	3215
AIR NEW SOURCE PERMITS	PERMIT	3217
AIR NEW SOURCE PERMITS	PERMIT	3218
AIR NEW SOURCE PERMITS	PERMIT	3219
AIR NEW SOURCE PERMITS	PERMIT	3985A
AIR NEW SOURCE PERMITS	PERMIT	4256
AIR NEW SOURCE PERMITS	PERMIT	4406
AIR NEW SOURCE PERMITS	PERMIT	4596
AIR NEW SOURCE PERMITS	PERMIT	4933
AIR NEW SOURCE PERMITS	PERMIT	41920
AIR NEW SOURCE PERMITS	PERMIT	42191

AIR NEW SOURCE PERMITS	PERMIT	41875
AIR NEW SOURCE PERMITS	PERMIT	42221
AIR NEW SOURCE PERMITS	PERMIT	42573
AIR NEW SOURCE PERMITS	PERMIT	42512
AIR NEW SOURCE PERMITS	PERMIT	43605
AIR NEW SOURCE PERMITS	PERMIT	42118
AIR NEW SOURCE PERMITS	PERMIT	44820
AIR NEW SOURCE PERMITS	PERMIT	45654
AIR NEW SOURCE PERMITS	PERMIT	45653
AIR NEW SOURCE PERMITS	PERMIT	45652
AIR NEW SOURCE PERMITS	PERMIT	45944
AIR NEW SOURCE PERMITS	PERMIT	46535
AIR NEW SOURCE PERMITS	PERMIT	47575
AIR NEW SOURCE PERMITS	PERMIT	50052
AIR NEW SOURCE PERMITS	REGISTRATION	79604
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID	TXD067285973
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
UNDERGROUND INJECTION CONTROL	PERMIT	WDW172
UNDERGROUND INJECTION CONTROL	PERMIT	WDW173
PETROLEUM STORAGE TANK STAGE II	REGISTRATION	32780
WATER LICENSING	LICENSE	1010320
WASTEWATER LICENSING	LICENSE	WQ0000402000
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1013348
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	6001443
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1010320
IHW CORRECTIVE ACTION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE COMPLIANCE PLANS	PERMIT	50099
PETROLEUM STORAGE TANK REGISTRATION	REGISTRATION	32780

Location: 5900 HIGHWAY 225, DEER PARK, TX, 77536 Rating Date: 9/1/2005 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: August 14, 2006

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: August 14, 2001 to August 14, 2006

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name: Trina Grieco Phone: (210) 403-4006

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? Yes
3. If Yes, who is the current owner?
   Shell Deer Park Refining Company
   Shell Chemical LP
   Shell Oil Company
   Deer Park Refining Limited Partnership
4. if Yes, who was/were the prior owner(s)?
   Resolution Performance Products, LLC
   Shell Oil Company
   Equilon Enterprises LLC
5. When did the change(s) in ownership occur?
   12/03/2002
   06/04/2004

Components (Multimedia) for the Site :

A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.

Effective Date: 6/12/2003 ADMINORDER 2002-0478-AIR-E
Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
40 CFR Part 61, Subpart V 61.242-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 4 PERMIT
Description: Failure to install redundant valves or end caps on open ended lines.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(d)(1)(i)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to adjust monitoring schedule to monthly from quarterly when leak rate exceeds 2%.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Part 63, Subpart G 63.114(a)(1)(ii)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 2 PERMIT
Description: Failure to install a temperature monitoring device in the gas stream immediately before and after the catalyst bed.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 8(A) PERMIT
Description: Failure to operate incinerator H9200 at a VOC outlet concentration of less than 20 ppmv.

Effective Date: 09/26/2004 ADMINORDER 2004-0101-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.7(a)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.116(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to conduct flare performance testing in accordance with 40 CFR 63.11 within 180 days of startup or rule applicability.

Effective Date: 02/20/2006 ADMINORDER 2005-0765-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.721(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to obtain control emissions from an emissions event that occurred on December 21, 2000 at the Coker Unit.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)

30 TAC Chapter 101, SubChapter F 101.201(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit a complete final report for a reportable emissions event which occurred at the Coker Unit on December 21, 2000.

Effective Date: 05/12/2006 ADMINORDER 2005-1614-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to report the December 25, 2004 emissions event within 24 hours of discovery.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov Permit No 3214, Gen Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 241 lbs of 1, 3-Butadiene, 322 lbs of Butene, 1,299 lbs of Pentane, 2,182 lbs of Ethylene, 68 lbs of Benzene and 1,018 lbs of Propylene during a 10 hour and 30 minute emissions event that occurred on December 25, 2004 in the OP3 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov. General Condition #8 PERMIT
Description: Failed to prevent unauthorized emissions of 686 lbs of 1, 3-Butadiene, 949 lbs of Butene, 1,299 lbs of Pentane, 4,059 lbs of Ethylene and 2,044 lbs of Propylene during a 23 minute emissions event that occurred on February 17, 2005 in the Olefins No. 3 Unit ("OP3").

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Max. Allow. Em. Rate Ta PERMIT
Description: Failed to prevent unauthorized emissions of 1847.7 lbs of Ethylene, 680.70 lbs of Carbon Monoxide, and 87.3 lbs of Nitrogen Monoxide during a 3-hour emissions event that occurred on February 24, 2005 at the Acetylene Converters in the Olefins #2 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Gen. Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 404 lbs of volatile organic compounds ("VOC") in one hour on January 13, 2005 in the OP2 Unit Elevated Flare. Specifically, 868 lbs of VOCs were released and the VOC maximum allowable emission rate for the flare is 464 lbs per hour.

Effective Date: 02/20/2006 ADMINORDER 2005-0734-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent a power outage at Switchback 6B13 which resulted in unauthorized emissions from the HIPA Flare, HIPA Vent, Benji Vent (PC5500A), and Relief Valves RV0624, RV3033B, and RV0298 on May 9, 2004. Category A.11.i(6).

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain the ratio of hydrogen to acetylene in the converter resulting in the flaring of off-specification product resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on June 17, 2004.

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC #1 PERMIT
Description: Failed to prevent the lifting of Relief Valve RV3033B on the fat acid storage tank (T-75B) on June 27, 2004 which resulted in unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain steam pressure on the Olefins 2 Unit and operated the Propylene Refrigerator Compressor with a faulty suction/pressure indicating controller resulting in the flaring of off-specification products at the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on September 13, 2004.

Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: NSR Permit #3173, Special Condition #1 PA
Description: Failed to comply with the maximum allowable emission rates for carbon monoxide, volatile organic compounds ("VOC"), and nitrogen oxides and varied from permit representations for VOC emissions from the IPA Purge Line on September 6, 2004

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also Permit No. 3219, Gen. Condition 8 PERMIT
Description: Failed to control the ammonia concentration in the sour hydrogen feed resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on May 22, 2004. Category A.11.i(6).

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit initial notification of a reportable emissions event at the Isopropyl Alcohol (IPA) Unit which occurred on September 6, 2004 within 24 hours of discovery.

Effective Date: 08/20/2005 ADMINORDER 2004-0867-IHW-E

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(11)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.103(c)

Description: Failure to conduct compliance testing for the PHenol-3 BIF and submit recertification of compliance within three years of the previous certification.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(14)
Description: Failure to cease the burning of waste in the Phenol-3 BIF on October 12, 2003.

Effective Date: 08/30/2004 ADMINORDER 2003-1321-AIR-E

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: MAERT PERMIT
Description: Failed to comply with the permitted limit established in the MAERT of Air Permit No. 9334 for benzene. Specifically, Shell failed to prevent the unauthorized emission of benzene at the ACU Tank Farm, Tank D-371, for a period of 58 minutes on April 28, 2003. The permitted benzene limit for Tank D-371 is 0.45 lbs/hour.

See addendum for information regarding federal actions.

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

N/A

D. The approval dates of investigations. (CCEDS Inv. Track. No.)

1 09/20/2001 (IE0000485016001)
2 02/22/2002 (157682)
3 08/31/2002 (9511)
4 08/31/2002 (9388)
5 06/26/2003 (60695)
6 02/24/2003 (157683)
7 04/26/2002 (157741)
8 12/19/2002 (13703)
9 04/29/2003 (157742)
10 02/10/2003 (157684)
11 03/25/2002 (157686)
12 03/25/2003 (157687)
13 08/05/2005 (341201)
14 07/14/2006 (467608)
15 01/13/2003 (246531)
16 02/20/2003 (10139)
17 05/29/2002 (157745)
18 10/15/2002 (5839)
19 05/27/2003 (157746)
20 10/04/2004 (352006)
21 08/16/2004 (279252)
22 10/22/2003 (249626)
23 07/31/2006 (482753)

24	02/23/2005	(371820)
25	09/25/2003	(295217)
26	07/26/2006	(487301)
27	02/27/2006	(457162)
28	11/28/2005	(437043)
29	04/24/2006	(449499)
30	01/06/2005	(344370)
31	10/04/2005	(405964)
32	05/09/2005	(378729)
33	05/26/2006	(460174)
34	10/18/2004	(335028)
35	08/11/2004	(288458)
36	06/30/2006	(463111)
37	06/28/2005	(394944)
38	06/27/2002	(157749)
39	10/20/2004	(352007)
40	01/24/2006	(451885)
41	08/31/2002	(10160)
42	08/29/2002	(8058)
43	10/10/2005	(406428)
44	06/09/2004	(272409)
45	06/30/2006	(466561)
46	04/25/2006	(449838)
47	08/11/2004	(288745)
48	08/19/2002	(7668)
49	10/23/2003	(295219)
50	01/04/2004	(251319)
51	06/25/2003	(157750)
52	03/20/2006	(431859)
53	01/26/2005	(342583)
54	04/22/2002	(157692)
55	08/31/2002	(9479)
56	10/05/2005	(407310)
57	04/23/2003	(157693)
58	08/31/2002	(10241)
59	07/11/2006	(482755)
60	08/31/2002	(10071)
61	08/24/2002	(4890)
62	07/23/2003	(284079)
63	12/28/2004	(290091)
64	11/21/2003	(295220)
65	07/25/2002	(157753)
66	02/27/2006	(456661)
67	04/03/2003	(19124)
68	11/23/2004	(352008)
69	01/02/2004	(257380)
70	05/03/2005	(373899)
71	02/28/2006	(457143)
72	05/25/2005	(380203)
73	08/20/2001	(157755)
74	01/25/2006	(453221)
75	05/26/2006	(460095)
76	08/23/2005	(401945)
77	12/17/2003	(295221)
78	08/16/2002	(157756)
79	05/17/2006	(461235)
80	06/23/2006	(467537)
81	01/09/2005	(289381)
82	05/10/2006	(266908)
83	08/02/2002	(4405)

84	12/27/2004	(352009)
85	08/31/2002	(9298)
86	05/28/2002	(157696)
87	09/28/2005	(431096)
88	03/28/2006	(405965)
89	04/29/2005	(344372)
90	09/21/2001	(157758)
91	05/26/2006	(460156)
92	05/22/2003	(157697)
93	11/22/2004	(285617)
94	01/26/2004	(295222)
95	06/28/2003	(33595)
96	01/31/2005	(342585)
97	08/31/2004	(272715)
98	11/04/2005	(431796)
99	08/21/2002	(8730)
100	09/27/2002	(157759)
101	12/08/2005	(418800)
102	01/14/2004	(254260)
103	08/22/2005	(400922)
104	10/05/2005	(406803)
105	08/31/2002	(9698)
106	07/10/2006	(482757)
107	08/16/2005	(404329)
108	02/27/2004	(295223)
109	10/26/2001	(157761)
110	02/25/2006	(456944)
111	07/28/2005	(379300)
112	04/22/2005	(419640)
113	01/10/2003	(20830)
114	08/11/2004	(287418)
115	11/30/2003	(248256)
116	06/14/2006	(480612)
117	09/07/2004	(292099)
118	10/28/2002	(157762)
119	05/17/2006	(466235)
120	06/24/2002	(157700)
121	05/26/2004	(273578)
122	03/24/2004	(295225)
123	06/21/2005	(419641)
124	12/16/2005	(451110)
125	01/10/2005	(286434)
126	01/28/2004	(261052)
127	05/30/2006	(459416)
128	11/12/2004	(290146)
129	01/05/2005	(289527)
130	06/24/2003	(157701)
131	12/09/2002	(14114)
132	06/23/2004	(352010)
133	04/22/2005	(419642)
134	05/25/2004	(268601)
135	01/06/2005	(344373)
136	07/17/2002	(4842)
137	04/26/2006	(455005)
138	04/23/2004	(295226)
139	07/11/2006	(482760)
140	08/13/2002	(2149)
141	06/21/2005	(419643)
142	11/23/2001	(157765)
143	04/27/2006	(440023)

144	12/14/2004	(341177)
145	04/01/2005	(346780)
146	05/31/2006	(480622)
147	07/23/2002	(157704)
148	01/13/2002	(246530)
149	11/27/2002	(157766)
150	02/23/2006	(455872)
151	05/25/2004	(295228)
152	09/23/2005	(440775)
153	12/30/2004	(342431)
154	02/22/2005	(350798)
155	12/30/2004	(344374)
156	04/03/2006	(455004)
157	07/25/2003	(157705)
158	06/05/2003	(29924)
159	05/25/2004	(266874)
160	09/23/2005	(440776)
161	12/30/2004	(344491)
162	12/06/2002	(13895)
163	06/28/2006	(467525)
164	08/22/2001	(157707)
165	02/23/2004	(248995)
166	05/31/2006	(455293)
167	12/03/2002	(13971)
168	08/22/2002	(157708)
169	12/27/2001	(157769)
170	07/22/2004	(352011)
171	08/31/2004	(267451)
172	11/04/2005	(431865)
173	08/31/2002	(8665)
174	07/25/2003	(157709)
175	06/15/2006	(449850)
176	12/23/2002	(157770)
177	11/23/2005	(433921)
178	12/21/2004	(342546)
179	07/23/2003	(295231)
180	09/24/2001	(157711)
181	08/30/2005	(401403)
182	02/21/2006	(455170)
183	10/26/2005	(433389)
184	12/05/2004	(268602)
185	05/30/2006	(460198)
186	07/27/2006	(486448)
187	05/26/2006	(460637)
188	09/23/2002	(157712)
189	01/21/2004	(252556)
190	08/12/2003	(148558)
191	08/31/2002	(10222)
192	11/01/2001	(157713)
193	11/30/2005	(437117)
194	08/31/2002	(10117)
195	08/26/2003	(295233)
196	01/04/2005	(288475)
197	08/23/2004	(352012)
198	01/24/2002	(157773)
199	12/11/2004	(341292)
200	12/10/2004	(338725)
201	05/10/2006	(268067)
202	08/08/2006	(482747)
203	06/18/2004	(271341)

204	08/16/2004	(279239)
205	08/03/2005	(399624)
206	10/19/2001	(157715)
207	03/23/2006	(290016)
208	09/22/2004	(352013)
209	10/23/2002	(157716)
210	08/01/2002	(4773)
211	01/28/2003	(157774)
212	12/11/2004	(342406)
213	03/31/2004	(260311)
214	05/30/2003	(36614)
215	05/19/2004	(256196)
216	09/22/2003	(295235)
217	01/04/2005	(285114)
218	08/31/2004	(268068)
219	09/26/2002	(12173)
220	10/28/2003	(252341)
221	10/23/2002	(157718)
222	10/20/2004	(352014)
223	02/13/2003	(22044)
224	10/27/2003	(295237)
225	08/02/2005	(400361)
226	11/29/2004	(339553)
227	08/31/2002	(10030)
228	01/24/2003	(17948)
229	11/26/2001	(157720)
230	08/25/2005	(405926)
231	11/26/2003	(295238)
232	08/31/2002	(9860)
233	12/15/2004	(340217)
234	12/11/2004	(342558)
235	11/22/2004	(352015)
236	01/07/2005	(288436)
237	11/21/2002	(157721)
238	08/10/2005	(403710)
239	08/28/2002	(5059)
240	05/11/2003	(26340)
241	07/11/2006	(482407)
242	12/14/2004	(342547)
243	02/23/2006	(455897)
244	08/18/2005	(404406)
245	12/23/2003	(295239)
246	03/23/2005	(381809)
247	05/09/2003	(26339)
248	08/24/2002	(4888)
249	04/24/2006	(498125)
250	06/18/2004	(270854)
251	12/20/2004	(352016)
252	07/08/2002	(1368)
253	03/28/2005	(381810)
254	04/16/2004	(256199)
255	05/22/2006	(498126)
256	07/20/2005	(400891)
257	01/24/2005	(381811)
258	12/19/2001	(157724)
259	05/12/2006	(461088)
260	06/20/2006	(498127)
261	01/22/2004	(295240)
262	08/31/2002	(4913)
263	01/02/2004	(252698)

264	12/29/2004	(342425)
265	11/12/2004	(288819)
266	02/22/2005	(381812)
267	03/03/2006	(455540)
268	07/21/2005	(400399)
269	12/30/2002	(157725)
270	03/31/2003	(10812)
271	03/22/2005	(381813)
272	02/24/2006	(438342)
273	04/28/2006	(462216)
274	01/20/2005	(381814)
275	02/01/2005	(342419)
276	11/04/2002	(14763)
277	06/16/2003	(114383)
278	12/31/2002	(13462)
279	01/04/2005	(288902)
280	08/31/2002	(9964)
281	03/15/2006	(458469)
282	01/05/2005	(288541)
283	08/23/2003	(36650)
284	02/25/2006	(457085)
285	05/10/2003	(450832)
286	02/05/2003	(23703)
287	01/28/2002	(157728)
288	10/05/2005	(431097)
289	12/28/2004	(338893)
290	10/28/2005	(405406)
291	08/31/2002	(4915)
292	06/23/2006	(467329)
293	06/21/2006	(467546)
294	08/05/2005	(341194)
295	05/19/2004	(295206)
296	08/28/2002	(5060)
297	01/27/2003	(157729)
298	12/23/2002	(15106)
299	07/14/2004	(260134)
300	12/17/2002	(16626)
301	11/03/2005	(431819)
302	02/24/2003	(22731)
303	06/12/2006	(455296)
304	08/31/2002	(9758)
305	02/28/2006	(457152)
306	02/24/2006	(468329)
307	01/10/2005	(287676)
308	07/18/2005	(379933)
309	03/23/2006	(468330)
310	08/31/2002	(10403)
311	03/16/2004	(295208)
312	10/05/2005	(431095)
313	10/24/2005	(468331)
314	07/18/2005	(379934)
315	04/21/2004	(295209)
316	08/29/2003	(149848)
317	11/28/2005	(468332)
318	11/11/2004	(289756)
319	06/03/2004	(270210)
320	08/05/2005	(341195)
321	02/23/2004	(432673)
322	08/20/2001	(246533)
323	12/27/2005	(468333)

324 03/09/2006 (457675)
325 08/24/2004 (352003)
326 01/24/2006 (468334)
327 05/19/2004 (295211)
328 02/26/2002 (157733)
329 02/28/2003 (157734)
330 11/14/2005 (371956)
331 01/04/2005 (342600)
332 02/16/2006 (454090)
333 08/11/2004 (287399)
334 02/04/2002 (246532)
335 08/05/2005 (341198)
336 09/30/2004 (287575)
337 06/21/2004 (295213)
338 06/13/2006 (457735)
339 03/25/2002 (157736)
340 02/12/2003 (24287)
341 08/16/2005 (404327)
342 10/02/2002 (12436)
343 07/26/2004 (352004)
344 03/17/2006 (451544)
345 01/06/2005 (289146)
346 08/06/2003 (114294)
347 02/23/2006 (439108)
348 01/04/2005 (293105)
349 07/13/2005 (374690)
350 03/31/2003 (157737)
351 02/21/2006 (454835)
352 06/17/2005 (392662)
353 01/09/2003 (19750)
354 08/23/2005 (404915)
355 08/24/2004 (352005)
356 08/31/2004 (292677)
357 12/17/2004 (339115)
358 08/05/2005 (341200)
359 01/10/2005 (279219)

E. Written notices of violations (NOV). (CCEDS Inv. Track. No.)

Date: 01/31/2003 (157683)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 12/30/2004 (344491)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Failure to control emissions.

Date: 01/21/2004 (252556)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
Rqmt Prov: PERMIT IA
Description: Shell damaged the lube oil pump for the Recycle Gas Compr. Either possible root cause (failure to prime the pump or improperly installing the new motive screws) avoidably damaged those screws. Shell failed to control SO2 emissions during a startup activity.

Date: 12/14/2004 (340217)
Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(4)
30 TAC Chapter 305, SubChapter F 305.125(5)
TWC Chapter 26 26.121(a)(1)
Description: Failure to prevent the unauthorized discharge of untreated or partially treated process, sanitary, balast, and utility wastewaters through outfall 008. The permittee is authorized to discharge storm water and fire water only to outfall 008. See attached Table 1.

Date: 06/28/2006 (467525)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent overpressure of Secondary Debutanizer Column, V-613.

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failed to identify the preconstruction authorization.

Date: 05/31/2002 (157749)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 08/31/2004 (272715)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to operate within the permit limits.

Date: 09/30/2004 (352007)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 09/30/2003 (295219)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/24/2003 (17948)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(10)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
Description: Failure to identify cause of the event and failure to comply with TCEQ Air Permit 3219.

Date: 12/30/2002 (13462)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to comply with permitted effluent limits for pH, Oil and Grease, TOC, and BOD.

Date: 01/07/2005 (288436)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 09/30/2001 (157761)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 11/30/2004 (352009)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 03/31/2005 (419640)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/13/2002 (246530)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 12/08/2005 (418800)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to maintain compliance with the effluent permit limits. Effluent violations were reported for ammonia-nitrogen at outfall 104 in 07/05 and for calcium, nickel and fecal coliform at outfall 001 in 03/05.

Date: 07/31/2005 (419643)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/14/2004 (254260)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT IA
Description: Main induced-draft fan on Boiler H-8610 shut down when governor seized due to dirty oil (inadequate attention to the status of the oil). The (large) boiler tripped on loss of the fan. Two olefin plants were shut down due to insufficient steam supply to the steam turbines driving the large critical compressors.

Date: 07/14/2006 (467608)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA
Description: Failure to prevent unauthorized emissions during decoking of furnace FOL170.

Date: 10/31/2001 (157765)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/09/2005 (289381)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 08/17/2005 (404327)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 110.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 150.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 180.

Date: 12/28/2004 (290091)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to avoid loss of cooling in the PRC surface condensate system.

Date: 06/20/2005 (395120)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent spill during tank heel transfer.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failure to submit an emissions event in a timely manner.

Date: 01/04/2005 (342600)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to control hydrate formation in the demethanizer column.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
Description: Failure to report emissions event in a timely manner.

Date: 04/30/2004 (295228)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 02/27/2006 (438342)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to control unauthorized emissions.

Date: 11/30/2001 (157769)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 08/31/2004 (267451)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent unauthorized emissions.

Date: 06/30/2004 (352011)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 10/10/2005 (406428)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to control emissions.

Date: 12/31/2001 (157773)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 07/13/2004 (260134)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to report an emissions event in a timely manner.

Date: 09/22/2004 (335028)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.46(m)
Description: Failure to maintain all pressure maintenance facilities and related appurtenances in a watertight condition.

Date: 02/23/2006 (439108)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 11/30/2003 (295239)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 06/15/2006 (457735)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent a leak from a line that was bent beyond its minimum flex radius creating a weak point that resulted in unauthorized emissions.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(c)

Description: Failure to submit a final record within two weeks of an emissions event.

Date: 12/31/2001 (157728)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 04/29/2005 (344372)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to control emissions.

Date: 12/31/2002 (157729)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 08/20/2001 (246533)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 05/17/2006 (461235)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.665(f)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(j)(7)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to record whether the pilot flame was continuously present during each hour for Flares OP2ELFLA and OP3ELFLA

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and OP3GRFLA.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Operation of Flares OP2ELFLA, OP3ELFLA and OP3GRFLA with visible emissions .

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Nine OELs in HT2; 2 OELs in CIPX

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to seal 18 OELs in IRU.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to seal OELs in BD3.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Furnaces FOL-601 and FOL-602 exceeded the permitted maximum hourly firing rates.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: The fuel gas used by Furnaces FOL601, FOL602, FOL603 and FOL604 exceeded the permitted maximum H2S concentration.

Date: 09/30/2005 (468331)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 04/04/2006 (455004)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA

Description: Failure to control unauthorized emissions for Incident #64365.

Date: 02/04/2002 (246532)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 11/22/2004 (285617)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to operate within the permit limits.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)

Description: Failure to indicate the air contaminants from the flare completely in the final report.

Date: 06/28/2003 (33595)
Self Report? NO Classification: Moderate
Citation: 5C THC Chapter 382, SubChapter A 382.085(a)
Description: Failed to prevent an emissions release by good design, operation, and maintenance practices.

Date: 05/11/2003 (26340)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
Description: Shell failed to prevent unauthorized emissions from an activity or event that could have been foreseen and avoided by good design, operation, and maintenance practices.

Date: 01/04/2004 (251319)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT IA
Description: Shell allowed 237 lbs of unauthorized emissions of mesityl oxide (a highly irritating ketone, which overflowed Tank T-40-16 due to an inaccurate level indicator and failure to respond to a high level alarm from the back up high level alarm system.

Date: 12/16/2002 (16626)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 290, SubChapter D 290.43(c)(1)
Description: Failure to protect the vent opening on the ground storage tank with a 16-mesh or finer corrosion resistant screen.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.42(e)(3)(D)
Description: Failure to provide scales for determining the amount of disinfectant used daily.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)
Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)
Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.

Date: 02/28/2002 (157736)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 05/31/2006 (455293)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent an operator error resulting in unauthorized emissions.

54 Date: 12/30/2004 (344374)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Failure to Control Emissions

F. Environmental audits.

Notice of Intent Date: 05/27/2003 (112481)
No DOV Associated

Notice of Intent Date: 06/13/2003 (251436)
No DOV Associated

Notice of Intent Date: 06/12/2003 (251440)
Disclosure Date: 09/04/2003

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B 115.116(a)[G]

Description: Failure to maintain and compile inspection reports that document all of the elements required by the applicable regulations.

Notice of Intent Date: 06/19/2003 (397860)
No DOV Associated

Notice of Intent Date: 08/12/2003 (251504)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251740)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251760)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263020)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263024)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263025) 12
No DOV Associated

Notice of Intent Date: 10/20/2003 (263029)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263033)
Disclosure Date: 12/07/2004

Viol. Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter B 115.136(a)(1)

30 TAC Chapter 115, SubChapter B 115.136(a)(4)

Description: records not available for daily sampling/analysis results for vapor pressure of the wastewater streams procssed by the unit's API separator

Notice of Intent Date: 11/20/2003 (449697)
No DOV Associated

Notice of Intent Date: 10/28/2004 (263123)
No DOV Associated

Notice of Intent Date: 04/28/2003 (263686)
No DOV Associated

Notice of Intent Date: 02/26/2003 (263866)
No DOV Associated

Notice of Intent Date: 02/20/2004 (265126)
No DOV Associated

Notice of Intent Date: 12/20/2002 (265131)
Disclosure Date: 06/24/2003

Viol. Classification: Major
Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]

Description: Failed to authorize emissions from rail car cleaning.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.10[G]

Description: Failed to report emissions from EPN Carclean in emissions inventory.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.541[G]

Description: Failed to justify control efficiency of railcar cleaning CAS.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.546[G]

Description: Failed to keep records of CAS breakthrough monitoring.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.132(e)(4)(C)(iii)

Description: failed to submit compliance plan with application

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.541[G]

Description: failed to process tank cars with partial vapor pressure of >= 0.5 psia through properly operating control system
Notice of Intent Date: 02/26/2003 (29900)
No DOV Associated

Notice of Intent Date: 06/12/2001 (32699)
Disclosure Date: 11/13/2001

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20[G]

30 TAC Chapter 113, SubChapter C 113.120

40 CFR Part 63, Subpart G 63.114(d)

Description: Two lines routed to a Group 1 process vent have bypass lines that do not have flow indicators nor are they secured in the non-diverting position with a car seal.
Notice of Intent Date: 08/20/2001 (32762)
Disclosure Date: 09/14/2001

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)

30 TAC Chapter 116, SubChapter B 116.115(b)(2)[G]

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF
61.356(i)(1)
40 CFR Part 63, Subpart G 63.118(a)

Description: Failure to maintain complete and continuous recording of pilot flame presence for the ground flare and elevated flares.
Notice of Intent Date: 09/26/2001 (32825)
No DOV Associated

Notice of Intent Date: 11/19/2001 (32880)
No DOV Associated

Notice of Intent Date: 01/18/2002 (32901)
Disclosure Date: 02/08/2002

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.663(b)(1)

40 CFR Part 60, Subpart NNN 60.665(d)

40 CFR Part 60, Subpart NNN 60.665(f)

40 CFR Part 60, Subpart NNN 60.665(m)

Description: Failure to acquire approval to waive the requirements of a continuous pilot flame recorder for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.663(b)(2)

40 CFR Part 60, Subpart NNN 60.665(d)

40 CFR Part 60, Subpart NNN 60.665(m)

Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.665(l)(1)

40 CFR Part 60, Subpart NNN 60.665(l)(2)

40 CFR Part 60, Subpart NNN 60.665(l)(4)

40 CFR Part 60, Subpart NNN 60.665(m)

40 CFR Part 60, Subpart NNN 60.665(p)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7[G]

Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FINID numbers IRUFLR and TRUFLRG.

Notice of Intent Date: 01/12/2003 (32908)
No DOV Associated

Notice of Intent Date: 03/01/2002 (32928)
No DOV Associated

Notice of Intent Date: 03/19/2002 (32937)
No DOV Associated

Notice of Intent Date: 04/12/2002 (32949)
No DOV Associated

Notice of Intent Date: 05/30/2002 (32974)
No DOV Associated

Notice of Intent Date: 06/26/2002 (32979)
No DOV Associated

Notice of Intent Date: 08/19/2002 (33022)
No DOV Associated

Notice of Intent Date: 09/04/2002 (33051)
No DOV Associated

Notice of Intent Date: 09/16/2002 (33069)
No DOV Associated

Notice of Intent Date: 10/29/2002 (33101)
No DOV Associated

Notice of Intent Date: 11/20/2002 (33116)
No DOV Associated

Notice of Intent Date: 08/06/2004 (334038)
Disclosure Date: 10/12/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1) Req Prpv: PERMITCompliance b. Operational Requirements 1

PERMITGeneral b.

Description: noncompliance with requirement to maintain all facilities and systems of treatment and control (and related appurtenances)

Notice of Intent Date: 08/06/2004 (334047)
Disclosure Date: 08/26/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter A; 40 CFR Chapter 261, SubChapter I, PT 261, SubPT A
Description: Failure to characterize a process water stream from a leaking economizer, which contained K022 waste.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter C; 30 TAC Chapter 335, SubChapter R; 409 CFR Chapter 262, SubChapter I, PT 262, SubF
Description: Failure to characterize wastewater treatment plant residues carrying the K022 waste code.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter A
Description: of K022 WWTP residual solids at a Class 1 non-hazardous waste landfill.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter D
Description: amend RCRA permit to reflect management of K022 waste.

Viol. Classification: Moderate

Citation: Permit 1. General b.
Description: discharge of process water to storm water impoundment basins.

Notice of Intent Date: 08/27/2004 (334576)
No DOV Associated

Notice of Intent Date: 07/16/2002 (33993)
No DOV Associated

Notice of Intent Date: 10/12/2004 (349555) 40
No DOV Associated

Notice of Intent Date: 11/11/2004 (349565)
No DOV Associated

Notice of Intent Date: 01/04/2005 (349867)

Disclosure Date: 06/17/2005

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.320
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(d)(5)

Description: documentation was not readily available to fully demonstrate that a formal refinery maximum achievable control technology applicability determination (ie >5% HAPS) had been made for equipment in light crude service

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(1)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(3)

Description: one New Source Performance Standard (NSPS) notification for Start of Construction and Start of Operation for the CGHT unit could not be located

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(a)(3)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(b)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(4)

Description: documentation was not readily available to fully demonstrate that the process to determine if a project triggered NSPS "Modification" was being completed for NSPS Subpart GGG compliance

Viol. Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.10(b)[G]
30 TAC Chapter 101, SubChapter A 101.10(c)
30 TAC Chapter 101, SubChapter A 101.10(d)
30 TAC Chapter 101, SubChapter A 101.10(e)
40 CFR Chapter 372, SubChapter J, PT 372, SubPT B 372.30(a)

Description: emissions from fueling of vehicles in the Deer Park Refinery were not included in emissions inventories as required

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.10(d)(5)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.6(e)(3)(i)

Description: documentation was not readily available to demonstrate the development of a formal startup, shutdown, and malfunction plan (SSMP), and to document that when appropriate, a semi-annual report was submitted

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.320
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.640(i)(3)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(f)(1)(ii)

Description: documentation was not readily available to fully demonstrate the group 1 or group 2 applicability determination for miscellaneous process vents

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.110
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(4)(i)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(6)

Description: although monthly monitoring of cooling water return to the HON SWT was conducted and no leaks were detected, it is unclear whether there was complete compliance wiht HON requirements

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(a)(1)(i)(A)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(h)

Description: annual LDAR instrument monitoring of CPI and IGF benzene wastewater equipment had not been performed as required by benzene waste NESHAP regulations

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(a)(1)(i)(A)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(b)

Description: periodic visual inspection of the CPI and IGF benzene wastewater equipment to ensure access hatches and other openings are properly closed and gasketed had not been performed as required by the benzene waste NESHAP regulations

Notice of Intent Date: 01/06/2005 (349868)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350720)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350721)
Disclosure Date: 03/23/2005

Viol. Classification: Moderate

Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(b)[G]
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(c)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(d)

Description: failed to meet requirements for maintenance/start-up/shutdown related activities

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.110

Description: incorporation by reference of 40 CFR 63 Subpart F (SOCMI MACT standard)

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.120

Description: incorporation by reference of 40 CFR 63 Subpart G (SOCMI for Process Vents, Storage Vessels, Transfer Operations, and Wastewater MACT standard)

Notice of Intent Date: 01/27/2005 (350723)
Disclosure Date: 07/06/2005

Viol. Classification: Moderate

Citation: 40 CFR Chapter 262, SubChapter I, PT 262, SubPT C 262.34[G]
30 TAC Chapter 335, SubChapter C 335.69[G]

Description: Equipment associated with a decommissioned cumene unit in the Phenol Acetone Production Areas was not properly decontaminated when shut down in 2001. Process vessels, pumps, exchangers, and piping contain material that meets the definition of a characteristically hazardous waste (D002, D018).

Notice of Intent Date: 01/05/2005 (371573)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375030)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375031)
Disclosure Date: 07/14/2005

Viol. Classification: Minor
Req Prpv: PERMITAir New Source Permit No. 9334 SC 10.D
Description: no notification 30 days in advance of 11/04 seal gap measurement for Aromatics EFR tank G-359

Viol. Classification: Minor
Req Prpv: PERMITAir New Source Permits
Description: no notification 30 days in advance of refilling of Solvents IFR tank T140B, Phenol Acetone IFR tank D391, Solvents IFR tank F337

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C 113.120
Req Prpv: PERMITPermit 9334 Special Condition 10D
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.120(a)(3)(iii)
PERMITPermit 9334 Special Condition 10D
Description: no 10 yr internal seal inspection of Aromatics IFR tank F-361

Notice of Intent Date: 04/15/2005 (380864)
No DOV Associated

Notice of Intent Date: 05/18/2005 (396476)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434090)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434095)
No DOV Associated

Notice of Intent Date: 11/04/2005 (438422)
No DOV Associated

Notice of Intent Date: 12/02/2005 (451075)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452942)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452952)
No DOV Associated

Notice of Intent Date: 04/16/2006 (463688)
No DOV Associated

Notice of Intent Date: 05/22/2006 (454159)
No DOV Associated

G. Type of environmental management systems (EMSs).

Non 30 TAC CH 90 Certified, ISO 14001:2004, installed 1/12/2005, certified 1/19/2006

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

Type	Tier	Certification Date
CLEAN TEXAS	PARTNERSHIP	12/20/2004

J. Early compliance.

N/A

Sites Outside of Texas

N/A

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	MOTIVA ENTERPRISES, LLC.	CUSTOMER NO.:	CN600124051
REGULATED ENTITY:	SHELL OIL DEER PARK	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 HWY. 225		
REG. ENTITY CITY:	DEER PARK		

Violations

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE: CAA	SECT. OF STATUTE: 112
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION: 40CFR	CITE PART: 61 CITE SECT.: 342(C)
CASE RESULT:	Final Order With Penalty	PROGRAM:	NESHAPs
		VIOLATION TYPE:	Nat. Emis. Standard - Haz. Air Pollutant

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	SECT. OF STATUTE:
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION: 40CFR	CITE PART: 61 CITE SECT.: 357
CASE RESULT:	Final Order With Penalty	PROGRAM:	
		VIOLATION TYPE:	Violations Of Reporting Requirements

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	SECT. OF STATUTE:
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	CITE PART: CITE SECT.:
CASE RESULT:	Final Order With Penalty	PROGRAM:	
		VIOLATION TYPE:	Air Emissions not otherwise specified

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	SECT. OF STATUTE:
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	CITE PART: CITE SECT.:
CASE RESULT:	Final Order With Penalty	PROGRAM:	
		VIOLATION TYPE:	Refinery Fuel Gas

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	SECT. OF STATUTE:
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	CITE PART: CITE SECT.:
CASE RESULT:	Final Order With Penalty	PROGRAM:	
		VIOLATION TYPE:	UST Leak Detection and Repair

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	Shell Chemical Company	CUSTOMER NO.:	CN601405145
REGULATED ENTITY:	Shell Chemical Company Deer Park	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 Hwy 225		
REG. ENTITY CITY:	Deer Park		

Violations

EPA CASE NO.:	06-1998-0547	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20011015	STATUTE: CAA	SECT. OF STATUTE: 112R
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	CITE PART: CITE SECT:
CASE RESULT:	Final Order With Penalty	PROGRAM:	NESHAPs
		VIOLATION TYPE:	Other/Miscellaneous

Penalty Calculation Worksheet (PCW)

Policy Revision 2 (September 2002) *PCW Revision April 25, 2006*

TCEQ

DATES Assigned 04-Sep-2006 PCW 30-Oct-2007 Screening 19-Sep-2006 EPA Due 25-May-2007

RESPONDENT/FACILITY INFORMATION

Respondent: Shell Chemical LP
Reg. Ent. Ref. No.: RN100211879
Facility/Site Region: 12-Houston | Major/Minor Source: Major Source

CASE INFORMATION

Enf./Case ID No.: 28867
Docket No.: 2006-0328-MLM-E
Media Program(s): Air Quality
Multi-Media:
Admin. Penalty $ Limit Minimum: $0 Maximum: $10,000

No. of Violations: 1
Order Type: Findings
Enf. Coordinator: Trina Grieco
EC's Team: Enforcement Team 6

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) *Subtotal 1* $5,000

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 309% Enhancement *Subtotals 2, 3, & 7* $15,450

Notes: Penalty enhancement due to 25 same or similar NOVs, 36 non-similar NOVs (which includes 20 self-reported effluent violations), 5 agreed orders with denial of liability, 2 agreed orders without denial of liability, and 2 consent decree/court order with denial of liability. Penalty reduction due to submittal of 59 notices of audit, 12 disclosures of violations, an environmental management system in place for one year or more, and participation in a voluntary pollution reduction program.

Culpability No 0% Enhancement *Subtotal 4* $0

Notes: The Respondent does not meet culpability criteria.

Good Faith Effort to Comply 10% Reduction *Subtotal 5* -$500

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary		X
N/A		*(mark with a small x)*

Notes: The Respondent completed corrective actions on August 31, 2007.

Economic Benefit 0% Enhancement* *Subtotal 6* $0

**Capped at the Total EB $ Amount*

Total EB Amounts: $115
Approx. Cost of Compliance: $1,200

SUM OF SUBTOTALS 1-7 Final Subtotal $19,950

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment $0

Reduces or enhances the Final Subtotal by the indicated percentage. *(Enter number only; e.g. -30 for -30%.)*

Notes:

Final Penalty Amount $19,950

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty $19,950

DEFERRAL 0% Reduction Adjustment $0

Reduces the Final Assessed Penalty by the indicted percentage. *(Enter number only; e.g. 20 for 20% reduction.)*

Notes: No deferral is offered as this is a non-expedited case.

PAYABLE PENALTY $19,950

PCW 5

Screening Date 19-Sep-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision April 25, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Compliance History Worksheet

>> **Compliance History *Site* Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action *(number of NOVs meeting criteria)*	25	125%
	Other written NOVs	36	72%
Orders	Any agreed final enforcement orders containing a denial of liability *(number of orders meeting criteria)*	5	100%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	2	50%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government *(number of judgements or consent decrees meeting criteria)*	2	60%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government *(number of counts)*	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which notices were*	59	-59%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which violations were disclosed)*	12	-24%

		Please Enter Yes or No	
Other	Environmental management systems in place for one year or more	Yes	-10%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	Yes	-5%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) **309%**

>> **Repeat Violator (Subtotal 3)**

No

Adjustment Percentage (Subtotal 3) **0%**

>> **Compliance History *Person* Classification (Subtotal 7)**

Average Performer

Adjustment Percentage (Subtotal 7) **0%**

>> **Compliance History Summary**

Compliance History Notes

Penalty enhancement due to 25 same or similar NOVs, 36 non-similar NOVs (which includes 20 self-reported effluent violations), 5 agreed orders with denial of liability, 2 agreed orders without denial of liability, and 2 consent decree/court order with denial of liability. Penalty reduction due to submittal of 59 notices of audit, 12 disclosures of violations, an environmental management system in place for one year or more, and participation in a voluntary pollution reduction program.

Total Adjustment Percentage (Subtotals 2, 3, & 7) **309%**

Screening Date 19-Sep-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Policy Revision 2 (September 2002)

PCW Revision April 25, 2006

Respondent Shell Chemical LP

Case ID No. 28867

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number 1

Primary Rule Cite(s)	30 Tex. Admin. Code § 116.715(a), Flexible Air Permit No. 21262, Special Condition 1
Secondary Rule Cite(s)	Tex. Health & Safety Code § 382.085(b)
Violation Description	Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 8,976.7 pounds ("lbs") of volatile organic compounds ("VOCs") were released from Tank G329, emission point number ("EPN") G329, during an emissions event (Incident No. 74701) that occurred on April 20, 2006 and lasted 168 hours.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

	Harm		
Release	Major	Moderate	Minor
Actual		X	
Potential			

OR

Percent 50%

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: Human health or the environment in the Houston-Galveston nonattainment area has been exposed to 4.49 tons of pollutants, which included 14.80 lbs of highly reactive VOCs ("HRVOCs") and 1,083.80 lbs of hazardous air pollutants. These emissions did not exceed levels that are protective of human health or environmental receptors.

Adjustment -$5,000

Base Penalty Subtotal $5,000

Violation Events

Number of Violation Events: 1 — 7 Number of violation days

mark only one use a small x	
daily	
monthly	
quarterly	
semiannual	
annual	
single event	X

Violation Base Penalty $5,000

One single event is recommended.

Economic Benefit (EB) for this violation

Estimated EB Amount $115

Statutory Limit Test

Violation Final Penalty Total $19,950

This violation Final Assessed Penalty (adjusted for limits) $19,950

Respondent Shell Chemical LP
Case ID.No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)	$1,200	20-Apr-2006	31-Aug-2007	1.4	$5	$109	$115
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)				0.0	$0	n/a	$0
Notes for DELAYED costs	Estimated cost to improve tank seal inspection procedures and complete a modified management system for performing tank seal maintenance. Date required based on the date of the release. Final date based on the date corrective actions were completed.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance $1,200

TOTAL $115

Compliance History

Customer/Respondent/Owner-Operator: CN601405145 Shell Chemical LP Classification: AVERAGE Rating: 2.82

Regulated Entity: RN100211879 SHELL OIL DEER PARK Classification: AVERAGE Site Rating: 4.49

ID Number(s):

AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0659W
AIR OPERATING PERMITS	PERMIT	1669
AIR OPERATING PERMITS	PERMIT	1668
AIR OPERATING PERMITS	PERMIT	1940
AIR OPERATING PERMITS	PERMIT	1941
AIR OPERATING PERMITS	PERMIT	1942
AIR OPERATING PERMITS	PERMIT	1943
AIR OPERATING PERMITS	PERMIT	1945
AIR OPERATING PERMITS	PERMIT	1946
AIR OPERATING PERMITS	PERMIT	1947
AIR OPERATING PERMITS	PERMIT	1948
AIR OPERATING PERMITS	PERMIT	2108
AIR OPERATING PERMITS	PERMIT	3179
WASTEWATER	PERMIT	WQ0000402000
WASTEWATER	PERMIT	TPDES0004863
WASTEWATER	PERMIT	TX0004863
WASTEWATER	PERMIT	WQ0000403000
WASTEWATER	PERMIT	TPDES0004871
AIR NEW SOURCE PERMITS	PERMIT	3180
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	REGISTRATION	54895
AIR NEW SOURCE PERMITS	REGISTRATION	55312
AIR NEW SOURCE PERMITS	REGISTRATION	76382
AIR NEW SOURCE PERMITS	REGISTRATION	75524
AIR NEW SOURCE PERMITS	REGISTRATION	55730
AIR NEW SOURCE PERMITS	REGISTRATION	55869
AIR NEW SOURCE PERMITS	REGISTRATION	55717
AIR NEW SOURCE PERMITS	REGISTRATION	76315
AIR NEW SOURCE PERMITS	EPA ID	PSDTX815
AIR NEW SOURCE PERMITS	PERMIT	70613
AIR NEW SOURCE PERMITS	PERMIT	48912
AIR NEW SOURCE PERMITS	PERMIT	70389
AIR NEW SOURCE PERMITS	PERMIT	56476
AIR NEW SOURCE PERMITS	PERMIT	56496
AIR NEW SOURCE PERMITS	PERMIT	70903
AIR NEW SOURCE PERMITS	PERMIT	71223
AIR NEW SOURCE PERMITS	REGISTRATION	71567
AIR NEW SOURCE PERMITS	PERMIT	50815
AIR NEW SOURCE PERMITS	PERMIT	54061
AIR NEW SOURCE PERMITS	PERMIT	52476
AIR NEW SOURCE PERMITS	PERMIT	52477
AIR NEW SOURCE PERMITS	PERMIT	50548
AIR NEW SOURCE PERMITS	PERMIT	52565
AIR NEW SOURCE PERMITS	PERMIT	52089
AIR NEW SOURCE PERMITS	PERMIT	52088
AIR NEW SOURCE PERMITS	PERMIT	50388
AIR NEW SOURCE PERMITS	PERMIT	50423
AIR NEW SOURCE PERMITS	PERMIT	70612
AIR NEW SOURCE PERMITS	REGISTRATION	74572
AIR NEW SOURCE PERMITS	REGISTRATION	75045
AIR NEW SOURCE PERMITS	EPA ID	PSDTX896
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928M1
AIR NEW SOURCE PERMITS	EPA ID	PSDTX961
AIR NEW SOURCE PERMITS	EPA ID	PSDTX974
AIR NEW SOURCE PERMITS	REGISTRATION	77284
AIR NEW SOURCE PERMITS	REGISTRATION	76699
AIR NEW SOURCE PERMITS	REGISTRATION	77952
AIR NEW SOURCE PERMITS	REGISTRATION	76265
AIR NEW SOURCE PERMITS	REGISTRATION	78839
AIR NEW SOURCE PERMITS	REGISTRATION	78864
AIR NEW SOURCE PERMITS	REGISTRATION	78624
AIR NEW SOURCE PERMITS	REGISTRATION	78816
AIR NEW SOURCE PERMITS	PERMIT	6949
AIR NEW SOURCE PERMITS	PERMIT	7855
AIR NEW SOURCE PERMITS	PERMIT	9856
AIR NEW SOURCE PERMITS	PERMIT	11177
AIR NEW SOURCE PERMITS	PERMIT	12152
AIR NEW SOURCE PERMITS	PERMIT	12537
AIR NEW SOURCE PERMITS	PERMIT	13373
AIR NEW SOURCE PERMITS	PERMIT	13713
AIR NEW SOURCE PERMITS	PERMIT	16429
AIR NEW SOURCE PERMITS	PERMIT	1119
AIR NEW SOURCE PERMITS	PERMIT	1120
AIR NEW SOURCE PERMITS	PERMIT	3178
AIR NEW SOURCE PERMITS	PERMIT	3179
AIR NEW SOURCE PERMITS	PERMIT	3216

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AIR NEW SOURCE PERMITS	PERMIT	5801
AIR NEW SOURCE PERMITS	PERMIT	6791
AIR NEW SOURCE PERMITS	PERMIT	7621
AIR NEW SOURCE PERMITS	PERMIT	9334
AIR NEW SOURCE PERMITS	PERMIT	10888
AIR NEW SOURCE PERMITS	PERMIT	11096
AIR NEW SOURCE PERMITS	PERMIT	11586
AIR NEW SOURCE PERMITS	PERMIT	12373
AIR NEW SOURCE PERMITS	PERMIT	12829
AIR NEW SOURCE PERMITS	PERMIT	13678
AIR NEW SOURCE PERMITS	PERMIT	15961
AIR NEW SOURCE PERMITS	PERMIT	8236
AIR NEW SOURCE PERMITS	PERMIT	9505
AIR NEW SOURCE PERMITS	PERMIT	15262
AIR NEW SOURCE PERMITS	PERMIT	15365
AIR NEW SOURCE PERMITS	PERMIT	15499
AIR NEW SOURCE PERMITS	PERMIT	15940
AIR NEW SOURCE PERMITS	PERMIT	18209
AIR NEW SOURCE PERMITS	PERMIT	18576
AIR NEW SOURCE PERMITS	PERMIT	18738
AIR NEW SOURCE PERMITS	PERMIT	18768
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	22038
AIR NEW SOURCE PERMITS	PERMIT	23273
AIR NEW SOURCE PERMITS	PERMIT	24096
AIR NEW SOURCE PERMITS	PERMIT	24874
AIR NEW SOURCE PERMITS	PERMIT	26368
AIR NEW SOURCE PERMITS	PERMIT	27598
AIR NEW SOURCE PERMITS	PERMIT	29597
AIR NEW SOURCE PERMITS	PERMIT	32282
AIR NEW SOURCE PERMITS	PERMIT	33524
AIR NEW SOURCE PERMITS	PERMIT	34230
AIR NEW SOURCE PERMITS	PERMIT	34358
AIR NEW SOURCE PERMITS	PERMIT	35243
AIR NEW SOURCE PERMITS	PERMIT	35608
AIR NEW SOURCE PERMITS	PERMIT	37206
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0659W
AIR NEW SOURCE PERMITS	AFS NUM	4820100039
AIR NEW SOURCE PERMITS	PERMIT	96
AIR NEW SOURCE PERMITS	PERMIT	97
AIR NEW SOURCE PERMITS	PERMIT	266
AIR NEW SOURCE PERMITS	PERMIT	747
AIR NEW SOURCE PERMITS	PERMIT	748
AIR NEW SOURCE PERMITS	PERMIT	920
AIR NEW SOURCE PERMITS	PERMIT	1920
AIR NEW SOURCE PERMITS	PERMIT	1968
AIR NEW SOURCE PERMITS	PERMIT	2597
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	PERMIT	3177
AIR NEW SOURCE PERMITS	PERMIT	3214
AIR NEW SOURCE PERMITS	PERMIT	3215
AIR NEW SOURCE PERMITS	PERMIT	3217
AIR NEW SOURCE PERMITS	PERMIT	3218
AIR NEW SOURCE PERMITS	PERMIT	3219
AIR NEW SOURCE PERMITS	PERMIT	3985A
AIR NEW SOURCE PERMITS	PERMIT	4256
AIR NEW SOURCE PERMITS	PERMIT	4406
AIR NEW SOURCE PERMITS	PERMIT	4596
AIR NEW SOURCE PERMITS	PERMIT	4933
AIR NEW SOURCE PERMITS	PERMIT	41920
AIR NEW SOURCE PERMITS	PERMIT	41875
AIR NEW SOURCE PERMITS	PERMIT	42221
AIR NEW SOURCE PERMITS	PERMIT	42573
AIR NEW SOURCE PERMITS	PERMIT	42512
AIR NEW SOURCE PERMITS	PERMIT	43605
AIR NEW SOURCE PERMITS	PERMIT	42118
AIR NEW SOURCE PERMITS	PERMIT	45654
AIR NEW SOURCE PERMITS	PERMIT	45653
AIR NEW SOURCE PERMITS	PERMIT	45652
AIR NEW SOURCE PERMITS	PERMIT	45944
AIR NEW SOURCE PERMITS	PERMIT	46535
AIR NEW SOURCE PERMITS	PERMIT	47575
AIR NEW SOURCE PERMITS	REGISTRATION	79604
AIR NEW SOURCE PERMITS	REGISTRATION	80525
AIR NEW SOURCE PERMITS	REGISTRATION	80503
AIR NEW SOURCE PERMITS	REGISTRATION	81503
AIR NEW SOURCE PERMITS	REGISTRATION	81971
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID	TXD067285973
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099

	INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
	UNDERGROUND INJECTION CONTROL	PERMIT	WDW172
	UNDERGROUND INJECTION CONTROL	PERMIT	WDW173
	PETROLEUM STORAGE TANK STAGE II	REGISTRATION	32780
	WASTEWATER LICENSING	LICENSE	WQ0000402000
	WATER LICENSING	LICENSE	1010320
	PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	6001443
	PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1010320
	IHW CORRECTIVE ACTION	SOLID WASTE REGISTRATION # (SWR)	30007
	INDUSTRIAL AND HAZARDOUS WASTE COMPLIANCE PLANS	PERMIT	50099
	PETROLEUM STORAGE TANK REGISTRATION	REGISTRATION	32780

Location: 5900 Highway 225, Deer Park, TX Rating Date: 9/1/2006 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: September 07, 2001

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: September 07, 2001 to September 07, 2006

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name: Trina Grieco Phone: (210) 403-4006

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? Yes
3. If Yes, who is the current owner?
   - Shell Deer Park Refining Company
   - Shell Chemical LP
   - Shell Oil Company
   - Deer Park Refining Limited Partnership
4. If Yes, who was/were the prior owner(s)?
   - Resolution Performance Products, LLC
   - Shell Oil Company
   - Equilon Enterprises LLC
5. When did the change(s) in ownership occur?
   - 12/03/2002
   - 06/10/2004

Components (Multimedia) for the Site :

A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.

Effective Date: 06/12/2003 ADMINORDER 2002-0478-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
40 CFR Part 61, Subpart V 61.242-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 4 PERMIT
Description: Failure to install redundant valves or end caps on open ended lines.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(d)(1)(i)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to adjust monitoring schedule to monthly from quarterly when leak rate exceeds 2%.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 113, SubChapter C 113.120
40 CFR Part 63, Subpart G 63.114(a)(1)(ii)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 2 PERMIT
Description: Failure to install a temperature monitoring device in the gas stream immediately before and after the catalyst bed.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 8(A) PERMIT

Description: Failure to operate incinerator H9200 at a VOC outlet concentration of less than 20 ppmv.

Effective Date: 08/30/2004 ADMINORDER 2003-1321-AIR-E ?

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: MAERT PERMIT
Description: Failed to comply with the permitted limit established in the MAERT of Air Permit No. 9334 for benzene. Specifically, Shell failed to prevent the unauthorized emission of benzene at the ACU Tank Farm, Tank D-371, for a period of 58 minutes on April 28, 2003. The permitted benzene limit for Tank D-371 is 0.45 lbs/hour.

Effective Date: 09/26/2004 ADMINORDER 2004-0101-AIR-E ?

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.7(a)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.116(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to conduct flare performance testing in accordance with 40 CFR 63.11 within 180 days of startup or rule applicability.

Effective Date: 08/20/2005 ADMINORDER 2004-0867-IHW-E 4

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(11)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.103(c)

Description: Failure to conduct compliance testing for the PHenol-3 BIF and submit recertification of compliance within three years of the previous certification.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(14)
Description: Failure to cease the burning of waste in the Phenol-3 BIF on October 12, 2003.

Effective Date: 02/20/2006 ADMINORDER 2005-0765-AIR-E 5

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.721(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to obtain control emissions from an emissions event that occurred on December 21, 2000 at the Coker Unit.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)

30 TAC Chapter 101, SubChapter F 101.201(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit a complete final report for a reportable emissions event which occurred at the Coker Unit on December 21, 2000.

Effective Date: 02/20/2006 ADMINORDER 2005-0734-AIR-E 6

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent a power outage at Switchback 6B13 which resulted in unauthorized emissions from the HIPA Flare, HIPA Vent, Benji Vent (PC5500A), and Relief Valves RV0624, RV3033B, and RV0298 on May 9, 2004. Category A.11.i(6).

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain the ratio of hydrogen to acetylene in the converter resulting in the flaring of off-specification product resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on June 17, 2004.

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC #1 PERMIT
Description: Failed to prevent the lifting of Relief Valve RV3033B on the fat acid storage tank (T-75B) on June 27, 2004 which resulted in unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain steam pressure on the Olefins 2 Unit and operated the Propylene Refrigerator Compressor with a faulty suction/pressure indicating controller resulting in the flaring of off-specification products at the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on September 13, 2004.

Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: NSR Permit #3173, Special Condition #1 PA
Description: Failed to comply with the maximum allowable emission rates for carbon monoxide, volatile organic compounds ("VOC"), and nitrogen oxides and varied from permit representations for VOC emissions from the IPA Purge Line on September 6, 2004

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also Permit No. 3219, Gen. Condition 8 PERMIT
Description: Failed to control the ammonia concentration in the sour hydrogen feed resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on May 22, 2004. Category A.11.i(6).

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit initial notification of a reportable emissions event at the Isopropyl Alcohol (IPA) Unit which occurred on September 6, 2004 within 24 hours of discovery.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to report the December 25, 2004 emissions event within 24 hours of discovery.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No 3214, Gen Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 241 lbs of 1, 3-Butadiene, 322 lbs of Butene, 1,299 lbs of Pentane, 2,182 lbs of Ethylene, 68 lbs of Benzene and 1,018 lbs of Propylene during a 10 hour and 30 minute emissions event that occurred on December 25, 2004 in the OP3 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: General Condition #8 PERMIT
Description: Failed to prevent unauthorized emissions of 686 lbs of 1, 3-Butadiene, 949 lbs of Butene, 1,299 lbs of Pentane, 4,059 lbs of Ethylene and 2,044 lbs of Propylene during a 23 minute emissions event that occurred on February 17, 2005 in the Olefins No. 3 Unit ("OP3").

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Max. Allow. Em. Rate Ta PERMIT
Description: Failed to prevent unauthorized emissions of 1847.7 lbs of Ethylene, 680.70 lbs of Carbon Monoxide, and 87.3 lbs of Nitrogen Monoxide during a 3-hour emissions event that occurred on February 24, 2005 at the Acetylene Converters in the Olefins #2 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Gen. Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 404 lbs of volatile organic compounds ("VOC") in one hour on January 13, 2005 in the OP2 Unit Elevated Flare. Specifically, 868 lbs of VOCs were released and the VOC maximum allowable emission rate for the flare is 464 lbs per hour.

Effective Date: 08/29/2006 COURTORDER

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
30 TAC Chapter 101, SubChapter A 101.5

30 TAC Chapter 111, SubChapter B 111.201

Description: Shell caused, suffered, allowed the outdoor burning of low sulfur diesel fuel and heavy crude oil sludge in such concentration and of such duration to interfere with the normal use and enjoyment of property and caused a freeway closure.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
30 TAC Chapter 101, SubChapter A 101.5

30 TAC Chapter 111, SubChapter B 111.201

Description: Shell caused, suffered, allowed the outdoor burning of natural gas in such concentration and of such duration to interfere with the normal use and enjoyment of property and caused a freeway closure.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)

Rqmt Prov: mact rates PERMIT
Description: Exceeded maximum allowable emission rates for hydrogen sulfide.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
Description: Discharged approximately 327 pounds of unspeciated VOC resulting in air contaminants in such concentration and duration so as to interfere with the normal use and enjoyment of property in teh area.

See addendum for information regarding federal actions.

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

N/A

D. The approval dates of investigations. (CCEDS Inv. Track. No.)

1 09/20/2001 (IE0000485016001)
2 09/21/2001 (157758)
3 09/24/2001 (157711)
4 10/19/2001 (157715)
5 10/26/2001 (157761)
6 11/01/2001 (157713)
7 11/23/2001 (157765)
8 11/26/2001 (157720)
9 12/19/2001 (157724)
10 12/27/2001 (157769)
11 01/13/2002 (246530)
12 01/24/2002 (157773)
13 01/28/2002 (157728)
14 02/04/2002 (246532)
15 02/22/2002 (157682)
16 02/26/2002 (157733)
17 03/25/2002 (157686)
18 03/25/2002 (157736)
19 04/22/2002 (157692)
20 04/26/2002 (157741)
21 05/28/2002 (157696)
22 05/29/2002 (157745)
23 06/24/2002 (157700)
24 06/27/2002 (157749)
25 07/08/2002 (1368)
26 07/17/2002 (4842)
27 07/23/2002 (157704)
28 07/25/2002 (157753)
29 08/01/2002 (4773)
30 08/02/2002 (4405)
31 08/13/2002 (2149)

32	08/16/2002	(157756)
33	08/19/2002	(7668)
34	08/21/2002	(8730)
35	08/22/2002	(157708)
36	08/24/2002	(4890)
37	08/24/2002	(4888)
38	08/28/2002	(5059)
39	08/28/2002	(5060)
40	08/29/2002	(8058)
41	08/31/2002	(9511)
42	08/31/2002	(9388)
43	08/31/2002	(10160)
44	08/31/2002	(9479)
45	08/31/2002	(10241)
46	08/31/2002	(10071)
47	08/31/2002	(9298)
48	08/31/2002	(9698)
49	08/31/2002	(8665)
50	08/31/2002	(10222)
51	08/31/2002	(10117)
52	08/31/2002	(10030)
53	08/31/2002	(9860)
54	08/31/2002	(4913)
55	08/31/2002	(9964)
56	08/31/2002	(4915)
57	08/31/2002	(9758)
58	08/31/2002	(10403)
59	09/23/2002	(157712)
60	09/26/2002	(12173)
61	09/27/2002	(157759)
62	10/02/2002	(12436)
63	10/15/2002	(5839)
64	10/23/2002	(157716)
65	10/23/2002	(157718)
66	10/28/2002	(157762)
67	11/04/2002	(14763)
68	11/21/2002	(157721)
69	11/27/2002	(157766)
70	12/03/2002	(13971)
71	12/06/2002	(13895)
72	12/09/2002	(14114)
73	12/17/2002	(16626)
74	12/19/2002	(13703)
75	12/23/2002	(157770)
76	12/23/2002	(15106)
77	12/30/2002	(157725)
78	12/31/2002	(13462)
79	01/09/2003	(19750)
80	01/10/2003	(20830)
81	01/13/2003	(246531)
82	01/24/2003	(17948)
83	01/27/2003	(157729)
84	01/28/2003	(157774)
85	02/05/2003	(23703)
86	02/10/2003	(157684)
87	02/12/2003	(24287)
88	02/13/2003	(22044)
89	02/20/2003	(10139)
90	02/24/2003	(157683)
91	02/24/2003	(22731)
92	02/28/2003	(157734)
93	03/25/2003	(157687)
94	03/31/2003	(10812)
95	03/31/2003	(157737)
96	04/03/2003	(19124)
97	04/23/2003	(157693)
98	04/29/2003	(157742)
99	05/09/2003	(26339)
100	05/10/2003	(450832)
101	05/11/2003	(26340)
102	05/22/2003	(157697)
103	05/27/2003	(157746)
104	05/30/2003	(36614)
105	06/05/2003	(29924)
106	06/16/2003	(114383)
107	06/24/2003	(157701)
108	06/25/2003	(157750)
109	06/26/2003	(60695)
110	06/28/2003	(33595)

111	07/23/2003	(284079)
112	07/23/2003	(295231)
113	07/25/2003	(157705)
114	07/25/2003	(157709)
115	08/06/2003	(114294)
116	08/12/2003	(148558)
117	08/23/2003	(36650)
118	08/26/2003	(295233)
119	08/29/2003	(149848)
120	09/22/2003	(295235)
121	09/25/2003	(295217)
122	10/22/2003	(249626)
123	10/23/2003	(295219)
124	10/27/2003	(295237)
125	10/28/2003	(252341)
126	11/21/2003	(295220)
127	11/26/2003	(295238)
128	11/30/2003	(248256)
129	12/17/2003	(295221)
130	12/23/2003	(295239)
131	01/02/2004	(257380)
132	01/02/2004	(252698)
133	01/04/2004	(251319)
134	01/14/2004	(254260)
135	01/21/2004	(252556)
136	01/22/2004	(295240)
137	01/26/2004	(295222)
138	01/28/2004	(261052)
139	02/23/2004	(248995)
140	02/23/2004	(432673)
141	02/27/2004	(295223)
142	03/16/2004	(295208)
143	03/24/2004	(295225)
144	03/31/2004	(260311)
145	04/16/2004	(256199)
146	04/21/2004	(295209)
147	04/23/2004	(295226)
148	05/19/2004	(256196)
149	05/19/2004	(295206)
150	05/19/2004	(295211)
151	05/25/2004	(268601)
152	05/25/2004	(295228)
153	05/25/2004	(266874)
154	05/26/2004	(273578)
155	06/03/2004	(270210)
156	06/09/2004	(272409)
157	06/18/2004	(271341)
158	06/18/2004	(270854)
159	06/21/2004	(295213)
160	06/23/2004	(352010)
161	07/14/2004	(260134)
162	07/22/2004	(352011)
163	07/26/2004	(352004)
164	08/11/2004	(288458)
165	08/11/2004	(288745)
166	08/11/2004	(287418)
167	08/11/2004	(287399)
168	08/16/2004	(279252)
169	08/16/2004	(279239)
170	08/23/2004	(352012)
171	08/24/2004	(352003)
172	08/24/2004	(352005)
173	08/31/2004	(272715)
174	08/31/2004	(267451)
175	08/31/2004	(268068)
176	08/31/2004	(292677)
177	09/07/2004	(292099)
178	09/22/2004	(352013)
179	09/30/2004	(287575)
180	10/04/2004	(352006)
181	10/18/2004	(335028)
182	10/20/2004	(352007)
183	10/20/2004	(352014)
184	11/11/2004	(289756)
185	11/12/2004	(290146)
186	11/12/2004	(288819)
187	11/22/2004	(285617)
188	11/22/2004	(352015)
189	11/23/2004	(352008)

190	11/29/2004	(339553)
191	12/05/2004	(268602)
192	12/10/2004	(338725)
193	12/11/2004	(341292)
194	12/11/2004	(342406)
195	12/11/2004	(342558)
196	12/14/2004	(341177)
197	12/14/2004	(342547)
198	12/15/2004	(340217)
199	12/17/2004	(339115)
200	12/20/2004	(352016)
201	12/21/2004	(342546)
202	12/27/2004	(352009)
203	12/28/2004	(290091)
204	12/28/2004	(338893)
205	12/29/2004	(342425)
206	12/30/2004	(342431)
207	12/30/2004	(344374)
208	12/30/2004	(344491)
209	01/04/2005	(288475)
210	01/04/2005	(285114)
211	01/04/2005	(288902)
212	01/04/2005	(342600)
213	01/04/2005	(293105)
214	01/05/2005	(289527)
215	01/05/2005	(288541)
216	01/06/2005	(344370)
217	01/06/2005	(344373)
218	01/06/2005	(289146)
219	01/07/2005	(288436)
220	01/09/2005	(289381)
221	01/10/2005	(286434)
222	01/10/2005	(287676)
223	01/10/2005	(279219)
224	01/20/2005	(381814)
225	01/24/2005	(381811)
226	01/26/2005	(342583)
227	01/31/2005	(342585)
228	02/01/2005	(342419)
229	02/22/2005	(350798)
230	02/22/2005	(381812)
231	02/23/2005	(371820)
232	03/22/2005	(381813)
233	03/23/2005	(381809)
234	03/28/2005	(381810)
235	04/01/2005	(346780)
236	04/22/2005	(419640)
237	04/22/2005	(419642)
238	04/29/2005	(344372)
239	05/03/2005	(373899)
240	05/09/2005	(378729)
241	05/25/2005	(380203)
242	06/17/2005	(392662)
243	06/21/2005	(419641)
244	06/21/2005	(419643)
245	06/28/2005	(394944)
246	07/13/2005	(374690)
247	07/18/2005	(379933)
248	07/18/2005	(379934)
249	07/20/2005	(400891)
250	07/21/2005	(400399)
251	07/28/2005	(379300)
252	08/02/2005	(400361)
253	08/03/2005	(399624)
254	08/05/2005	(341201)
255	08/05/2005	(341194)
256	08/05/2005	(341195)
257	08/05/2005	(341198)
258	08/05/2005	(341200)
259	08/10/2005	(403710)
260	08/15/2005	(453221)
261	08/16/2005	(404329)
262	08/16/2005	(404327)
263	08/18/2005	(404406)
264	08/22/2005	(400922)
265	08/23/2005	(401945)
266	08/23/2005	(404915)
267	08/25/2005	(405926)
268	08/30/2005	(401403)

269	09/23/2005	(440775)
270	09/23/2005	(440776)
271	09/28/2005	(431096)
272	10/04/2005	(405964)
273	10/05/2005	(407310)
274	10/05/2005	(406803)
275	10/05/2005	(431097)
276	10/05/2005	(431095)
277	10/10/2005	(406428)
278	10/24/2005	(468331)
279	10/26/2005	(433389)
280	10/28/2005	(405406)
281	11/03/2005	(431819)
282	11/04/2005	(431796)
283	11/04/2005	(431865)
284	11/14/2005	(371956)
285	11/23/2005	(433921)
286	11/28/2005	(437043)
287	11/28/2005	(468332)
288	11/30/2005	(437117)
289	12/08/2005	(418800)
290	12/16/2005	(451110)
291	12/27/2005	(468333)
292	01/24/2006	(451885)
293	01/24/2006	(468334)
294	02/16/2006	(454090)
295	02/21/2006	(455170)
296	02/21/2006	(454835)
297	02/23/2006	(455872)
298	02/23/2006	(455897)
299	02/23/2006	(439108)
300	02/24/2006	(438342)
301	02/24/2006	(468329)
302	02/25/2006	(456944)
303	02/25/2006	(457085)
304	02/27/2006	(457162)
305	02/27/2006	(456661)
306	02/28/2006	(457143)
307	02/28/2006	(457152)
308	03/03/2006	(455540)
309	03/09/2006	(457675)
310	03/15/2006	(458469)
311	03/17/2006	(451544)
312	03/20/2006	(431859)
313	03/23/2006	(290016)
314	03/23/2006	(468330)
315	03/28/2006	(405965)
316	04/03/2006	(455004)
317	04/24/2006	(449499)
318	04/24/2006	(498125)
319	04/25/2006	(449838)
320	04/26/2006	(455005)
321	04/27/2006	(440023)
322	04/28/2006	(462216)
323	05/10/2006	(266908)
324	05/10/2006	(268067)
325	05/12/2006	(461088)
326	05/17/2006	(461235)
327	05/17/2006	(466235)
328	05/22/2006	(498126)
329	05/26/2006	(460174)
330	05/26/2006	(460095)
331	05/26/2006	(460156)
332	05/26/2006	(460637)
333	05/30/2006	(459416)
334	05/30/2006	(460198)
335	05/31/2006	(480622)
336	05/31/2006	(455293)
337	06/12/2006	(455296)
338	06/13/2006	(457735)
339	06/14/2006	(480612)
340	06/15/2006	(449850)
341	06/20/2006	(498127)
342	06/21/2006	(467546)
343	06/23/2006	(467537)
344	06/23/2006	(467329)
345	06/28/2006	(467525)
346	06/30/2006	(463111)
347	06/30/2006	(466561)

348 07/10/2006 (482757)
349 07/11/2006 (482755)
350 07/11/2006 (482760)
351 07/11/2006 (482407)
352 07/14/2006 (467608)
353 07/24/2006 (520133)
354 07/26/2006 (487301)
355 07/27/2006 (486448)
356 07/31/2006 (482753)
357 08/08/2006 (482747)
358 08/14/2006 (480383)
359 08/16/2006 (392732)
360 08/18/2006 (457259)
361 08/18/2006 (457480)
362 08/23/2006 (457432)
363 08/25/2006 (510170)
364 08/28/2006 (479997)
365 08/29/2006 (509957)
366 08/29/2006 (479999)
367 08/30/2006 (509636)
368 08/31/2006 (457283)
369 09/07/2006 (510326)

E. Written notices of violations (NOV). (CCEDS Inv. Track. No.)

Date: 09/30/2001 (157761)
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Classification Moderate

Date: 10/31/2001 (157765)
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Classification Moderate

Date: 11/30/2001 (157769)
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Classification Moderate

Date: 12/31/2001 (157773)
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Classification Moderate

Date: 12/31/2001 (157728)
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Classification Moderate

Date: 01/13/2002 (246530)
Self Report? NO
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Classification Moderate

Self Report? NO
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Classification Moderate

Self Report? NO
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Classification Moderate

Self Report? NO
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Classification Moderate

Self Report? NO
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Classification Moderate

Self Report? NO
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Classification Moderate

Self Report? NO
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Classification Moderate

Self Report? NO
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Classification Moderate

Date: 02/04/2002 (246532)
Self Report? NO
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Classification Moderate

Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Date: 02/28/2002 (157736) Classification Moderate
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 05/31/2002 (157749) Classification Moderate
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 12/16/2002 (16626) Classification Minor
Self Report? NO
Citation: 30 TAC Chapter 290, SubChapter D 290.43(c)(1)
Description: Failure to protect the vent opening on the ground storage tank with a 16-mesh or finer corrosion resistant screen.

Self Report? NO Classification Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.42(e)(3)(D)
Description: Failure to provide scales for determining the amount of disinfectant used daily.
Self Report? NO Classification Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)
Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.

Self Report? NO Classification Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)
Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.

Date: 12/30/2002 (13462) Classification Minor
Self Report? NO
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to comply with permitted effluent limits for pH, Oil and Grease, TOC, and BOD.

Date: 12/31/2002 (157729) Classification Moderate
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 01/24/2003 (17948) Classification Moderate
Self Report? NO
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(10)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
Description: Failure to identify cause of the event and failure to comply with TCEQ Air Permit 3219.

Date: 01/31/2003 (157683) Classification Moderate
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 06/28/2003 (33595) Classification Moderate
Self Report? NO
Citation: 5C THC Chapter 382, SubChapter A 382.085(a)
Description: Failed to prevent an emissions release by good design, operation, and maintenance practices.

Date: 07/31/2003 (157709) Classification Moderate
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 09/30/2003 (295219) Classification Moderate
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 11/30/2003 (295239) Classification Moderate
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 01/04/2004 (251319) Classification Moderate
Self Report? NO
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT TCEQ AIR PERMIT #19849, SC #1
Description: Shell allowed 237 lbs of unauthorized emissions of mesityl oxide (a highly irritating ketone, which overflowed Tank T-40-16 due to an inaccurate level indicator and failure to respond to a high level alarm from the back up high level alarm system.
Date: 01/14/2004 (254260) Classification Moderate
Self Report? NO
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT TCEQ AIR PERMIT #3219, SC #4
Description: Main induced-draft fan on Boiler H-8610 shut down when governor seized due to dirty oil (inadequate attention to the status of the oil). The (large) boiler tripped on loss of the fan. Two olefin plants were shut down due to insufficient

steam supply to the steam turbines driving the large critical compressors.

Date: 01/21/2004 (252556) Classification Moderate
Self Report? NO
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
Rqmt Prov: PERMIT TCEQ AIR PERMIT #21262, SC #1
Description: Shell damaged the lube oil pump for the Recycle Gas Compr. Either possible root cause (failure to prime the pump or improperly installing the new motive screws) avoidably damaged those screws. Shell failed to control SO2 emissions during a startup activity.

Date: 04/30/2004 (295228) Classification Moderate
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 06/30/2004 (352011) Classification Moderate
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 07/13/2004 (260134) Classification Minor
Self Report? NO
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT TCEQ AIR PERMIT #920, SC #1
Description: Failure to report an emissions event in a timely manner.

Date: 08/31/2004 (272715) Classification Moderate
Self Report? NO
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC #8
Description: Failure to operate within the permit limits.

Date: 08/31/2004 (267451) Classification Moderate
Self Report? NO
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 21262 and PSD-TX-928
Description: Failure to prevent unauthorized emissions.

Date: 09/22/2004 (335028) Classification Moderate
Self Report? NO
Citation: 30 TAC Chapter 290, SubChapter D 290.46(m)
Description: Failure to maintain all pressure maintenance facilities and related appurtenances in a watertight condition.

Date: 09/30/2004 (352007) Classification Moderate
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 11/22/2004 (285617) Classification Moderate
Self Report? NO
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC #8
Description: Failure to operate within the permit limits.

Classification Minor
Self Report? NO
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
Description: Failure to indicate the air contaminants from the flare completely in the final report.

Date: 11/30/2004 (352009) Classification Moderate
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 12/14/2004 (340217) Classification Moderate
Self Report? NO
Citation: 30 TAC Chapter 305, SubChapter F 305.125(4)
30 TAC Chapter 305, SubChapter F 305.125(5)
TWC Chapter 26 26.121(a)(1)
Description: Failure to prevent the unauthorized discharge of untreated or partially treated process, sanitary, balast, and utility wastewaters through outfall 008. The permittee is authorized to discharge storm water and fire water only to outfall 008. See attached Table 1.

Date: 12/28/2004 (290091) Classification Moderate
Self Report? NO
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC #8
Description: Failure to avoid loss of cooling in the PRC surface condensate system.

Date: 12/30/2004 (344491) Classification Moderate
Self Report? NO
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA Permit #21262/PSD-TX-928, SC#1
Description: Failure to control emissions.
Date: 12/30/2004 (344374)
Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA Permit #s:21262,PSD-TX-928, SC #1
Description: Failure to Control Emissions
Date: 01/04/2005 (342600)
Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC # 8
Description: Failure to control hydrate formation in the demethanizer column.
Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
Description: Failure to report emissions event in a timely manner.
Date: 01/07/2005 (288436)
Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 21262 and PSD-TX-928
Description: Exceeded permit limits during an avoidable emissions event.
Date: 01/09/2005 (289381)
Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT TCEQ Air Permit #3219 and PSD-TX-974
Description: Exceeded permit limits during an avoidable emissions event.
Date: 03/31/2005 (419640)
Self Report? YES Classification Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 04/29/2005 (344372)
Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to control emissions.
Date: 06/20/2005 (395120)
Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 9334, Gen. Condition #8
Description: Failure to prevent spill during tank heel transfer.
Self Report? NO Classification Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failure to submit an emissions event in a timely manner.
Date: 07/31/2005 (419643)
Self Report? YES Classification Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 08/17/2005 (404327)
Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 110.
Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 150.
Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 180.
Date: 09/30/2005 (468331)
Self Report? YES Classification Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 10/10/2005 (406428)
Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to control emissions.
Date: 12/08/2005 (418800)
Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to maintain compliance with the effluent permit limits. Effluent violations were reported for ammonia-nitrogen at

outfall 104 in 07/05 and for calcium, nickel and fecal coliform at outfall 001 in 03/05.

Date: 02/23/2006 (439108)
Self Report? NO Classification Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA 3219 AND PSD-TX-974
Description: Exceeded permit limits during an avoidable emissions event.

Date: 02/27/2006 (438342)
Self Report? NO Classification Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failed to control unauthorized emissions.

Date: 04/04/2006 (455004)
Self Report? NO Classification Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA NSR Permit #3173, Special Condition #1
Description: Failure to control unauthorized emissions for Incident #64365.

Date: 05/17/2006 (461235)
Self Report? NO Classification Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.665(f)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(j)(7)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1946, Special Condition 15H
OP 1946, Special Condition 1A
Description: Failure to record whether the pilot flame was continuously present during each hour for Flares OP2ELFLA and OP3ELFLA

Self Report? NO Classification Minor
Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1668, Special Condition 1A
Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and OP3GRFLA.

Self Report? NO Classification Moderate
Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1668, Special Condition 1A
PERMIT 3219, Special Conditions 5 and 6
Description: Operation of Flares OP2ELFLA, OP3ELFLA and OP3GRFLA with visible emissions .

Self Report? NO Classification Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1946, Special Condition 1A
OP 1946, Special Condition 21
PERMIT 3216, Special Condition 6E
PERMIT 3218, Special Condition 8E
Description: Nine OELs in HT2; 2 OELs in CIPX

Self Report? NO Classification Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT 18576, Special Condition 7E
OP 1946, Special Condition 1A
OP 1946, Special Condition 21
Description: Failure to seal 18 OELs in IRU.

Self Report? NO Classification Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)
Rqmt Prov: OP 1946, Special Condition 1A
OP 1946, Special Condition 21
PERMIT 3217, Special Condition 3E
Description: Failure to seal OELs in BD3.

Self Report? NO Classification Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1946, Special Condition 21

PERMIT 3216, Special Condition 1
PERMIT 3216, Special Condition 5
Description: Furnaces FOL-601 and FOL-602 exceeded the permitted maximum hourly firing rates.

Self Report? NO Classification Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1946, Special Condition 21
PERMIT 3216, Special Conditions 1 and 4
Description: The fuel gas used by Furnaces FOL601, FOL602, FOL603 and FOL604 exceeded the permitted maximum H2S concentration.
Date: 05/31/2006 (455293)

Self Report? NO Classification Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: PERMIT No. 3219 and PSD-TX-974 MAERT
Description: Failure to prevent an operator error resulting in unauthorized emissions.
Date: 06/15/2006 (457735)

Self Report? NO Classification Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: PERMIT 9334 MAERT
Description: Failure to prevent a leak from a line that was bent beyond its minimum flex radius creating a weak point that resulted in unauthorized emissions.
Date: 06/16/2006 (510170)

Self Report? NO Classification Minor
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Rqmt Prov: PERMIT Self-reporting Requirements
Description: Using unapproved self-generated Discharge Monitoring Report (DMR) forms to report monitoring results.

Date: 06/28/2006 (467525)

Self Report? NO Classification Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT #21262, Special Condition #1
Description: Failure to prevent overpressure of Secondary Debutanizer Column, V-613.

Self Report? NO Classification Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failed to identify the preconstruction authorization.
Date: 06/30/2006 (520133)

Self Report? YES Classification Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 07/14/2006 (467608)

Self Report? NO Classification Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No 3219 MAERT
Description: Failure to prevent unauthorized emissions during decoking of furnace FOL170.
Date: 07/31/2006 (440775)

Self Report? YES Classification Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 08/18/2006 (457259)

Self Report? NO Classification Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT 266, SC 7E
PERMIT 3985A, SC 7E
OP O-01947, Special Condition 13
OP O-01947, Special Condition 1A
Description: 3 OELs in SITEFE and 1 OEL in WRACKFE
Date: 08/23/2006 (457432)

Self Report? NO Classification Minor
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1948, Special Condition 1A
Description: Components associated with Tank F-347 and Tank F-349 were not identified as being subject to 40 CFR 63, Subpart H.

Self Report? NO Classification Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1948, Special Condition 13
OP 1948, Special Condition 1A

PERMIT 19849, Special Condition 11E

Description: 10 OELs in MPLANTFE

Self Report? NO Classification Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 13
OP 1948, Special Condition 1A
PERMIT 1968, Special Condition 3E
PERMIT 19849, Special Condition 11E
PERMIT 3173, Special Condition 6E

Description: 5 OELs in LPGFE; 15 OELs in IPAFINFE; 8 OELs in IPACRUFE; 1 OEL in HPLANTFE

Self Report? NO Classification Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(2)(C)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 13
OP 1948, Special Condition 1A
PERMIT 3173, Special Condition 6F

Description: Failure to monitor Valve Tag No. 301622 in IPAFINFE during the first quarter of 2005

Self Report? NO Classification Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 13
PERMIT 19849, Special Condition 7D

Description: Failure to inspect Tank T667B by the due date of March 2005

Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 106, SubChapter K 106.261(a)(2)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 13
PERMIT 3173, Special Condition 1

Description: VOC emissions from V118 exceeded the combined hourly emissions limit of 6.49 lb/hr-0.52 lb/hr permitted in Permit 3173 and 5.97 lb/hr represented in PBR Registration No. 74572.

Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 1H(iv)

Description: Failure to repair Component No. 200706 in IPACRUFE within seven days

Self Report? NO Classification Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 1A

Description: Failure to monitor a relief valve in Unit LPGFE within 24 hours after the valve released emissions to the atmosphere

Date: 08/28/2006 (479997)

Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(2)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 3219, Special Condition 2I
OP O-1668, Special Condition 15
OP O-1668, Special Condition 1H(v)

Description: Failure to repair Component No. 64110.P in OP2FUG within 15 days

Self Report? NO Classification Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 3219, Special Condition 2E
OP O-1668, Special Condition 15
OP O-1668, Special Condition 1A

Description: Forty-nine incidences of open-ended lines in OP2FUG

Self Report? NO Classification Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 3214, Special Condition 5E
OP O-1668, Special Condition 15
OP O-1668, Special Condition 1A

Description: 26 OELs in OL3FUG and 4 OELs in PYR3FUG

Self Report? NO Classification Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT UU 63.1033(b)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 3214, Special Condition 5E
PERMIT 3219, Special Condition 2E
OP O-1668, Special Condition 15
OP O-1668, Special Condition 1A

Description: 28 OELs in OL3FUG, 4 OELs in OP2FUG, and 25 OELs in PYR3FUG

Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 3219, Maximum Allowable Emission Rates
OP O-1668, Special Condition 15

Description: Exceedance of VOC MAER in tpy for the Olefins Flare System

Date: 08/29/2006 (479999)

Self Report? NO Classification Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 15E
OP O-1943, Special Condition 17
OP O-1943, Special Condition 1A

Description: One OEL in ACUFUG and one OEL in FUGOXU

Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 7
OP O-1943, Special Condition 17

Description: Incomplete records of furnace firing rates for the ACU furnace, EPN H902

Self Report? NO Classification Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.120(a)(3)(iii)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP O-1943, Special Condition 1A

Description: Failure to conduct internal inspection of Tank F-361 by the due date of May 2005

Self Report? NO Classification Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 8
OP O-1943, Special Condition 17

Description: Operation of the East Property Flare with visible emissions

Self Report? NO Classification Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to visually inspect Tank G-359 by the due date of August 16, 2005

Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 10D
OP O-1943, Special Condition 17

Description: Failure to provide notification to the TCEQ 30 days in advance of taking gap measurements in Tank G-359

Self Report? NO Classification Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(2)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 10D
OP O-1943, Special Condition 17
OP O-1943, Special Condition 1A

Description: Failure to perform the annual seal gap inspection for Tank G-343 by the due date of September 1, 2005.

Date: 08/31/2006 (457283)

Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 48912, Special Condition 5
OP O-2108, Special Condition 15

Description: Failure to analyze wastewater for isobutyraldehyde

Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.132(a)[G]
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP O-2108, Special Condition 1A

Description: Failure to meet the control requirements for VOC water separators NAPI and SAPI

Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.116b(f)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP O-2108, Special Condition 1A
Description: Failure to obtain vapor pressure sample from T-1318
Self Report? NO Classification Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(f)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP O-2108, Special Condition 1A
Description: Failure to monitor the presence of the pilot flame on the A&S Flare, EPN A1301

F. Environmental audits.

Notice of Intent Date: 06/12/2001 (32699)
Disclosure Date: 11/13/2001
Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A
30 TAC Chapter 113, SubChapter C
40 CFR Part 63, Subpart G
Description: Two lines routed to a Group 1 process vent have bypass lines that do not have flow indicators nor are they secured

in the non-diverting position with a car seal.

Notice of Intent Date: 08/20/2001 (32762)
Disclosure Date: 09/14/2001
Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A
30 TAC Chapter 116, SubChapter B
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF
40 CFR Part 63, Subpart G
Description: Failure to maintain complete and continuous recording of pilot flame presence for the ground flare and elevated flares.

Notice of Intent Date: 09/26/2001 (32825)
No DOV Associated

Notice of Intent Date: 11/19/2001 (32880)
No DOV Associated

Notice of Intent Date: 01/18/2002 (32901)
Disclosure Date: 02/08/2002
Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN
Description: Failure to acquire approval to waive the requirements of a continuous pilot flame recorder for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN
Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A
40 CFR Part 60, Subpart NNN
Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FINID numbers IRUFLR and TRUFLRG.

Notice of Intent Date: 03/01/2002 (32928)
No DOV Associated

Notice of Intent Date: 03/19/2002 (32937)
No DOV Associated

Notice of Intent Date: 04/12/2002 (32949)
No DOV Associated

Notice of Intent Date: 05/30/2002 (32974)
No DOV Associated

Notice of Intent Date: 06/26/2002 (32979)
No DOV Associated

Notice of Intent Date: 07/16/2002 (33993)
No DOV Associated

Notice of Intent Date: 08/19/2002 (33022)
No DOV Associated

Notice of Intent Date: 09/04/2002 (33051)
No DOV Associated

Notice of Intent Date: 09/16/2002 (33069)
No DOV Associated

Notice of Intent Date: 10/29/2002 (33101)
No DOV Associated

Notice of Intent Date: 11/20/2002 (33116)
No DOV Associated

Notice of Intent Date: 12/20/2002 (265131)
Disclosure Date: 06/24/2003
Viol. Classification: Major
Citation: 30 TAC Chapter 116, SubChapter B
Description: Failed to authorize emissions from rail car cleaning.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A
Description: Failed to report emissions from EPN Carclean in emissions inventory.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F
Description: Failed to justify control efficiency of railcar cleaning CAS.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F
Description: Failed to keep records of CAS breakthrough monitoring.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B

Description: failed to submit compliance plan with application

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F
Description: failed to process tank cars with partial vapor pressure of >= 0.5 psia through properly operating control system

Notice of Intent Date: 01/12/2003 (32908)
No DOV Associated

Notice of Intent Date: 02/26/2003 (263866)
No DOV Associated

Notice of Intent Date: 02/26/2003 (29900)
No DOV Associated

Notice of Intent Date: 04/28/2003 (263686)
No DOV Associated

Notice of Intent Date: 05/27/2003 (112481)
No DOV Associated

Notice of Intent Date: 06/13/2003 (251436)
No DOV Associated

Notice of Intent Date: 06/12/2003 (251440)
Disclosure Date: 09/04/2003

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B
Description: Failure to maintain and compile inspection reports that document all of the elements required by the applicable regulations.

Notice of Intent Date: 06/19/2003 (397860)
No DOV Associated

Notice of Intent Date: 08/12/2003 (251504)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251740)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251760)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263020)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263024)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263025)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263029)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263033)
Disclosure Date: 12/07/2004

Viol. Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter B
Description: records not available for daily sampling/analysis results for vapor pressure of the wastewater streams procssed by the unit's API separator

Notice of Intent Date: 11/20/2003 (449697)
No DOV Associated

Notice of Intent Date: 02/20/2004 (265126)
No DOV Associated

Notice of Intent Date: 08/06/2004 (334038)
Disclosure Date: 10/12/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F
Rqmt Prov: PERMIT Compliance b. Operational Requirements 1
PERMIT General b.
Description: noncompliance with requirement to maintain all facilities and systems of treatment and control (and related appurtenances)

Notice of Intent Date: 08/06/2004 (334047)

Disclosure Date: 08/26/2004

Viol. Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter A; 40 CFR Chapter 261, SubChapter I, PT 261, SubPT A
Violation: Failure to characterize a process water stream from a leaking economizer, which contained K022 waste.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter C; 30 TAC Chapter 335, SubChapter R; 409 CFR Chapter 262, SubChapter I, PT 262, SubPT A
Violation: Failure to characterize wastewater treatment plant residues carrying the K022 waste code.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter A

Violation: Improper disposal of K022 WWTP residual solids at a Class 1 non-hazardous waste landfill.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter D
Violation: Failure to amend RCRA permit to reflect management of K022 wastel.

Viol. Classification: Moderate
Citation: Permit 1. General b.
Violation: discharge of process water to storm water impoundment basins.

Notice of Intent Date: 08/27/2004 (334576)
No DOV Associated

Notice of Intent Date: 10/12/2004 (349555)
No DOV Associated

Notice of Intent Date: 10/28/2004 (263123)
No DOV Associated

Notice of Intent Date: 11/11/2004 (349565)
No DOV Associated

Notice of Intent Date: 01/04/2005 (349867)
Disclosure Date: 06/17/2005

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA
Description: documentation was not readily available to fully demonstrate that a formal refinery maximum achievable control technology applicability determination (ie >5% HAPS) had been made for equipment in light crude service

Viol. Classification: Minor
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A
Description: one New Source Performance Standard (NSPS) notification for Start of Construction and Start of Operation for the CGHT unit could not be located

Viol. Classification: Minor
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A
40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG
Description: documentation was not readily available to fully demonstrate that the process to determine if a project triggered NSPS "Modification" was being completed for NSPS Subpart GGG compliance

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A
40 CFR Chapter 372, SubChapter J, PT 372, SubPT B
Description: emissions from fueling of vehicles in the Deer Park Refinery were not included in emissions inventories as required

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A
Description: documentation was not readily available to demonstrate the development of a formal startup, shutdown, and malfunction plan (SSMP), and to document that when appropriate, a semi-annual report was submitted

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA
Description: documentation was not readily available to fully demonstrate the group 1 or group 2 applicability determination for miscellaneous process vents

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F
Description: although monthly monitoring of cooling water return to the HON SWT was conducted and no leaks were detected, it is unclear whether there was complete compliance wiht HON requirements

Viol. Classification: Moderate
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF
Description: annual LDAR instrument monitoring of CPI and IGF benzene wastewater equipment had not been performed as required by benzene waste NESHAP regulations

Viol. Classification: Moderate
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF
Description: periodic visual inspection of the CPI and IGF benzene wastewater equipment to ensure access hatches and other openings are properly closed and gasketed had not been performed as required by the benzene waste NESHAP regulations

Notice of Intent Date: 01/06/2005 (349868)
No DOV Associated

Notice of Intent Date: 01/05/2005 (371573)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350720)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350721)
Disclosure Date: 03/23/2005

Viol. Classification: Moderate
Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT F
Description: failed to meet requirements for maintenance/start-up/shutdown related activities

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
Description: incorporation by reference of 40 CFR 63 Subpart F (SOCMI MACT standard)

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
Description: incorporation by reference of 40 CFR 63 Subpart G (SOCMI for Process Vents, Storage Vessels, Transfer Operations, and Wastewater MACT standard)

Notice of Intent Date: 01/27/2005 (350723) 47
Disclosure Date: 07/06/2005

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter C

Description: 40 CFR Chapter 262, SubChapter I, PT 262, SubPT C
Equipment associated with a decommissioned cumene unit in the Phenol Acetone Production Areas was not properly decontaminated when shut down in 2001. Process vessels, pumps, exchangers, and piping contain material that meets the definition of a characteristically hazardous waste (D002, D018).

Notice of Intent Date: 03/02/2005 (375030)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375031)
Disclosure Date: 07/14/2005

Viol. Classification: Minor
Rqmt Prov: PERMIT Air New Source Permit No. 9334 SC 10.D
Description: no notification 30 days in advance of 11/04 seal gap measurement for Aromatics EFR tank G-359

Viol. Classification: Minor
Rqmt Prov: PERMIT Air New Source Permits
Description: no notification 30 days in advance of refilling of Solvents IFR tank T140B, Phenol Acetone IFR tank D391, Solvents IFR tank F337

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G
Rqmt Prov: PERMIT Permit 9334 Special Condition 10D
Description: no 10 yr internal seal inspection of Aromatics IFR tank F-361

Notice of Intent Date: 04/15/2005 (380864)
No DOV Associated

Notice of Intent Date: 05/18/2005 (396476)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434090)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434095)
No DOV Associated

Notice of Intent Date: 11/04/2005 (438422)
No DOV Associated

Notice of Intent Date: 12/02/2005 (451075)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452942)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452952)
No DOV Associated

Notice of Intent Date: 04/16/2006
No DOV Associated (463688)

Notice of Intent Date: 05/22/2006 (454159)
No DOV Associated

G. Type of environmental management systems (EMSs).

Non 30 TAC CH 90 Certified, ISO 14001:2004, installed 1/12/2005, certified 1/19/2006

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

Type	Tier	Certification Date
CLEAN TEXAS PROGRAM	PARTNERSHIP	12/20/2004
CLEAN TEXAS PROGRAM	PARTNER	12/20/2004

J. Early compliance.

N/A

Sites Outside of Texas

N/A

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	MOTIVA ENTERPRISES, LLC.	CUSTOMER NO.:	CN600124051
REGULATED ENTITY:	SHELL OIL DEER PARK	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 HWY. 225		
REG. ENTITY CITY:	DEER PARK		

Violations

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	CAA
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	112
CASE RESULT:	Final Order With Penalty	CITATION:	40CFR
		CITE PART:	61
		CITE SECT.:	342(C)
		PROGRAM:	NESHAPs
		VIOLATION TYPE:	Nat. Emis. Standard - Haz. Air Pollutant

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	
CASE RESULT:	Final Order With Penalty	CITATION:	40CFR
		CITE PART:	61
		CITE SECT.:	357
		PROGRAM:	
		VIOLATION TYPE:	Violations Of Reporting Requirements

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	
CASE RESULT:	Final Order With Penalty	CITATION:	
		CITE PART:	
		CITE SECT.:	
		PROGRAM:	
		VIOLATION TYPE:	Air Emissions not otherwise specified

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	
CASE RESULT:	Final Order With Penalty	CITATION:	
		CITE PART:	
		CITE SECT.:	
		PROGRAM:	
		VIOLATION TYPE:	Refinery Fuel Gas

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	
CASE RESULT:	Final Order With Penalty	CITATION:	
		CITE PART:	
		CITE SECT.:	
		PROGRAM:	
		VIOLATION TYPE:	UST Leak Detection and Repair

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	Shell Chemical Company	CUSTOMER NO.:	CN601405145
REGULATED ENTITY:	Shell Chemical Company Deer Park	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 Hwy 225		
REG. ENTITY CITY:	Deer Park		

Violations

EPA CASE NO.:	06-1998-0547	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20011015	STATUTE: CAA	SECT. OF STATUTE: 112R
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	CITE PART: CITE SECT.:
CASE RESULT:	Final Order With Penalty	PROGRAM:	NESHAPs
		VIOLATION TYPE:	Other/Miscellaneous

Penalty Calculation Worksheet (PCW)

Policy Revision 2 (September 2002) *PCW Revision April 25, 2006*

TCEQ

DATES					
Assigned	14-Aug-2006				
PCW	18-Sep-2006	Screening	18-Sep-2006	EPA Due	

RESPONDENT/FACILITY INFORMATION

Respondent	Shell Chemical LP		
Reg. Ent. Ref. No.	RN100211879		
Facility/Site Region	12-Houston	Major/Minor Source	Major Source

CASE INFORMATION

Enf./Case ID No.	28867	No. of Violations	2
Docket No.	2006-0328-MLM-E	Order Type	Findings
Media Program(s)	Air Quality	Enf. Coordinator	Nadia Hameed
Multi-Media		EC's Team	Enforcement Team 6
Admin. Penalty $ Limit Minimum	$0	Maximum	$10,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) *Subtotal 1* $5,100

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 301% Enhancement *Subtotals 2, 3, & 7* $15,351

Notes: Penalty enhancements due to 27 NOVs issued for the same or similar violations, 27 NOVs issued for non-similar violations, which includes 19 self-reported effluent violations, five agreed orders with denial of liability, two findings orders and two consent decrees/court orders with denial of liability. Penalty reduction due to submittal of 59 notice of audit letters, 12 violations disclosures, an environmental mangement system in place for one year or more, and participation in a voluntary pollution reduction program.

Culpability No 0% Enhancement *Subtotal 4* $0

Notes: The Respondent does not meet the culpability criteria.

Good Faith Effort to Comply 25% Reduction *Subtotal 5* -$1,275

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary	x	
N/A		*(mark with a small x)*

Notes: The Respondent completed all corrective actions between June 29, 2005 to February 20, 2006.

Economic Benefit 0% Enhancement* *Subtotal 6* $0

**Capped at the Total EB $ Amount*

Total EB Amounts	$103
Approx. Cost of Compliance	$3,200

SUM OF SUBTOTALS 1-7 Final Subtotal $19,176

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment $0

Reduces or enhances the Final Subtotal by the indicated percentage. *(Enter number only; e.g. -30 for -30%.)*

Notes:

Final Penalty Amount $19,176

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty $19,176

DEFERRAL 0% Reduction Adjustment $0

Reduces the Final Assessed Penalty by the indicted percentage. *(Enter number only; e.g. 20 for 20% reduction.)*

Notes: No deferral since this is a Findings Order.

PAYABLE PENALTY $19,176

PCW 6

Screening Date 18-Sep-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Policy Revision 2 (September 2002)

PCW Revision April 25, 2006

Respondent Shell Chemical LP

Case ID No. 28867

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Nadia Hameed

Compliance History Worksheet

>> Compliance History *Site* Enhancement (Subtotal 2)

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action *(number of NOVs meeting criteria)*	27	135%
	Other written NOVs	27	54%
Orders	Any agreed final enforcement orders containing a denial of liability *(number of orders meeting criteria)*	5	100%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	2	50%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government *(number of judgements or consent decrees meeting criteria)*	2	60%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government *(number of counts)*	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which notices were*	59	-59%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which violations were disclosed)*	12	-24%
		Please Enter Yes or No	
Other	Environmental management systems in place for one year or more	Yes	-10%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	Yes	-5%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) **301%**

>> Repeat Violator (Subtotal 3)

No

Adjustment Percentage (Subtotal 3) **0%**

>> Compliance History *Person* Classification (Subtotal 7)

Average Performer

Adjustment Percentage (Subtotal 7) **0%**

>> Compliance History Summary

Compliance History Notes

Penalty enhancements due to 27 NOVs issued for the same or similar violations, 27 NOVs issued for non-similar violations, which includes 19 self-reported effluent violations, five agreed orders with denial of liability, two findings orders and two consent decrees/court orders with denial of liability. Penalty reduction due to submittal of 59 notice of audit letters, 12 violations disclosures, an environmental mangement system in place for one year or more, and participation in a voluntary pollution reduction program.

Total Adjustment Percentage (Subtotals 2, 3, & 7) **301%**

PCW

Policy Revision 2 (September 2002)

PCW Revision April 25, 2006

Screening Date 18-Sep-2006 **Docket No.** 2006-0328-MLM-E

Respondent Shell Chemical LP

Case ID No. 28867

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Nadia Hameed

Violation Number 1

Primary Rule Cite(s) Air Permit No. 21262, Special Condition No.1 and Tex. Admin Code § 116.715(a)

Secondary Rule Cite(s) Tex. Health and Safety Code § 382.085(b)

Violation Description Failed to prevent unauthorized emissions. Specifically, 6,700 pounds of carbon monoxide, 205 pounds of nitrogen dioxide, 2,100 pounds of particulate matter, 63 pounds of volatile organic compound and 2,200 pounds of sulfur dioxide were released in an emissions event at the Catalytic Cracking Unit which began on June 15, 2005 and lasted for the duration of 250 hours. As the emissions event was avoidable, Shell failed to meet the demonstrations for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> Environmental, Property and Human Health Matrix

Release	Harm: Major	Moderate	Minor
Actual		x	
Potential			

OR

Percent 50%

>> Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: Human health or the environement has been exposed to significant amounts of pollutants which do no exceed levels that are protective of human health or environmental receptors as a result of the violations.

Adjustment -$5,000

Base Penalty Subtotal $5,000

Violation Events

Number of Violation Events 1 | 11 Number of violation days

mark only one use a small x

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $5,000

One single event is recommended.

Economic Benefit (EB) for this violation

Estimated EB Amount $103

Statutory Limit Test

Violation Final Penalty Total $18,800

This violation Final Assessed Penalty (adjusted for limits) $18,800

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$3,000	15-Jun-2005	20-Feb-2006	0.7	$103	n/a	$103
Notes for DELAYED costs	Estimated cost to implement measures designed to prevent the recurrence of an emissions event from the same cause as the June 15, 2005 emissions event. Required date based on the date of the emissions event. Final date is date when corrective actions were completed.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance: $3,000

TOTAL $103

Screening Date 18-Sep-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Policy Revision 2 (September 2002)

PCW Revision April 25, 2006

Respondent Shell Chemical LP

Case ID No. 28867

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Nadia Hameed

Violation Number 2

Primary Rule Cite(s)	30 Tex. Admin. Code § 101.201(b)(8)
Secondary Rule Cite(s)	30 Tex. Health and Safety Code § 382.085(b)
Violation Description	The final report submitted to the Agency failed to identify the preconstruction authorization number for the facility involved in the emissions event which occurred on June 15, 2005, in the Catalytic Cracking Unit.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

Release	Harm: Major	Moderate	Minor
Actual			
Potential			

OR

Percent

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor
			x

Percent 1%

Matrix Notes: Less than thirty percent of the rule requirement was not met.

Adjustment -$9,900

Base Penalty Subtotal $100

Violation Events

Number of Violation Events 1 | 1 Number of violation days

mark only one use a small x

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $100

One single event is recommended.

Economic Benefit (EB) for this violation

Estimated EB Amount $0

Statutory Limit Test

Violation Final Penalty Total $376

This violation Final Assessed Penalty (adjusted for limits) $376

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling	$200	15-Jun-2005	29-Jun-2005	0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)				0.0	$0	n/a	$0
Notes for DELAYED costs	Estimated cost to implement measures to ensure that the forms are completed correctly. Required date based on the date of the emissions event. Final date based on the date the corrective actions were completed.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance $200

TOTAL $0

Compliance History

Customer/Respondent/Owner-Operator: CN601405145 Shell Chemical LP Classification: AVERAGE Rating: 2.40

Regulated Entity: RN100211879 SHELL OIL DEER PARK Classification: AVERAGE Site Rating: 3.02

ID Number(s):

AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0659W
AIR OPERATING PERMITS	PERMIT	1669
AIR OPERATING PERMITS	PERMIT	1668
AIR OPERATING PERMITS	PERMIT	1940
AIR OPERATING PERMITS	PERMIT	1941
AIR OPERATING PERMITS	PERMIT	1942
AIR OPERATING PERMITS	PERMIT	1943
AIR OPERATING PERMITS	PERMIT	1945
AIR OPERATING PERMITS	PERMIT	1946
AIR OPERATING PERMITS	PERMIT	1947
AIR OPERATING PERMITS	PERMIT	1948
AIR OPERATING PERMITS	PERMIT	2108
AIR OPERATING PERMITS	PERMIT	3179
WASTEWATER	PERMIT	WQ0000402000
WASTEWATER	PERMIT	TPDES0004863
WASTEWATER	PERMIT	TX0004863
WASTEWATER	PERMIT	WQ0000403000
WASTEWATER	PERMIT	TPDES0004871
AIR NEW SOURCE PERMITS	PERMIT	3180
AIR NEW SOURCE PERMITS	PERMIT	47405
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	947405W
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	REGISTRATION	54895
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	REGISTRATION	55312
AIR NEW SOURCE PERMITS	REGISTRATION	76382
AIR NEW SOURCE PERMITS	REGISTRATION	75524
AIR NEW SOURCE PERMITS	REGISTRATION	55717
AIR NEW SOURCE PERMITS	REGISTRATION	55730
AIR NEW SOURCE PERMITS	REGISTRATION	55869
AIR NEW SOURCE PERMITS	REGISTRATION	76315
AIR NEW SOURCE PERMITS	EPA ID	PSDTX815
AIR NEW SOURCE PERMITS	PERMIT	PSDTX974
AIR NEW SOURCE PERMITS	PERMIT	PSDTX961
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928M1
AIR NEW SOURCE PERMITS	PERMIT	48912
AIR NEW SOURCE PERMITS	PERMIT	56476
AIR NEW SOURCE PERMITS	PERMIT	56496
AIR NEW SOURCE PERMITS	PERMIT	70389
AIR NEW SOURCE PERMITS	PERMIT	70613
AIR NEW SOURCE PERMITS	PERMIT	70903
AIR NEW SOURCE PERMITS	REGISTRATION	70893
AIR NEW SOURCE PERMITS	PERMIT	71223
AIR NEW SOURCE PERMITS	PERMIT	PSDTX896
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928
AIR NEW SOURCE PERMITS	REGISTRATION	71567
AIR NEW SOURCE PERMITS	REGISTRATION	71682
AIR NEW SOURCE PERMITS	PERMIT	52089
AIR NEW SOURCE PERMITS	PERMIT	52088
AIR NEW SOURCE PERMITS	PERMIT	50388
AIR NEW SOURCE PERMITS	PERMIT	50423
AIR NEW SOURCE PERMITS	PERMIT	50548
AIR NEW SOURCE PERMITS	PERMIT	52565
AIR NEW SOURCE PERMITS	PERMIT	50815
AIR NEW SOURCE PERMITS	PERMIT	54061
AIR NEW SOURCE PERMITS	PERMIT	53138
AIR NEW SOURCE PERMITS	PERMIT	52476
AIR NEW SOURCE PERMITS	PERMIT	52477
AIR NEW SOURCE PERMITS	PERMIT	54701
AIR NEW SOURCE PERMITS	PERMIT	70612
AIR NEW SOURCE PERMITS	REGISTRATION	74572
AIR NEW SOURCE PERMITS	REGISTRATION	75045
AIR NEW SOURCE PERMITS	EPA ID	PSDTX974
AIR NEW SOURCE PERMITS	REGISTRATION	76699
AIR NEW SOURCE PERMITS	EPA ID	PSDTX896
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928M1
AIR NEW SOURCE PERMITS	EPA ID	PSDTX961
AIR NEW SOURCE PERMITS	REGISTRATION	77284
AIR NEW SOURCE PERMITS	REGISTRATION	77952
AIR NEW SOURCE PERMITS	REGISTRATION	76265
AIR NEW SOURCE PERMITS	REGISTRATION	78624

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AIR NEW SOURCE PERMITS	REGISTRATION	78816
AIR NEW SOURCE PERMITS	REGISTRATION	78839
AIR NEW SOURCE PERMITS	REGISTRATION	78864
AIR NEW SOURCE PERMITS	PERMIT	6949
AIR NEW SOURCE PERMITS	PERMIT	7855
AIR NEW SOURCE PERMITS	PERMIT	9856
AIR NEW SOURCE PERMITS	PERMIT	11177
AIR NEW SOURCE PERMITS	PERMIT	12152
AIR NEW SOURCE PERMITS	PERMIT	12537
AIR NEW SOURCE PERMITS	PERMIT	13373
AIR NEW SOURCE PERMITS	PERMIT	13713
AIR NEW SOURCE PERMITS	PERMIT	16429
AIR NEW SOURCE PERMITS	PERMIT	1119
AIR NEW SOURCE PERMITS	PERMIT	1120
AIR NEW SOURCE PERMITS	PERMIT	3178
AIR NEW SOURCE PERMITS	PERMIT	3179
AIR NEW SOURCE PERMITS	PERMIT	3216
AIR NEW SOURCE PERMITS	PERMIT	5801
AIR NEW SOURCE PERMITS	PERMIT	6791
AIR NEW SOURCE PERMITS	PERMIT	7621
AIR NEW SOURCE PERMITS	PERMIT	9334
AIR NEW SOURCE PERMITS	PERMIT	10888
AIR NEW SOURCE PERMITS	PERMIT	11096
AIR NEW SOURCE PERMITS	PERMIT	11586
AIR NEW SOURCE PERMITS	PERMIT	12373
AIR NEW SOURCE PERMITS	PERMIT	12829
AIR NEW SOURCE PERMITS	PERMIT	13678
AIR NEW SOURCE PERMITS	PERMIT	15961
AIR NEW SOURCE PERMITS	PERMIT	8236
AIR NEW SOURCE PERMITS	PERMIT	9505
AIR NEW SOURCE PERMITS	PERMIT	15262
AIR NEW SOURCE PERMITS	PERMIT	15365
AIR NEW SOURCE PERMITS	PERMIT	15499
AIR NEW SOURCE PERMITS	PERMIT	15940
AIR NEW SOURCE PERMITS	PERMIT	18209
AIR NEW SOURCE PERMITS	PERMIT	18576
AIR NEW SOURCE PERMITS	PERMIT	18738
AIR NEW SOURCE PERMITS	PERMIT	18768
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	PERMIT	22038
AIR NEW SOURCE PERMITS	PERMIT	23273
AIR NEW SOURCE PERMITS	PERMIT	24096
AIR NEW SOURCE PERMITS	PERMIT	24874
AIR NEW SOURCE PERMITS	PERMIT	26368
AIR NEW SOURCE PERMITS	PERMIT	27598
AIR NEW SOURCE PERMITS	PERMIT	29597
AIR NEW SOURCE PERMITS	PERMIT	32282
AIR NEW SOURCE PERMITS	PERMIT	33524
AIR NEW SOURCE PERMITS	PERMIT	34230
AIR NEW SOURCE PERMITS	PERMIT	34358
AIR NEW SOURCE PERMITS	PERMIT	35243
AIR NEW SOURCE PERMITS	PERMIT	35608
AIR NEW SOURCE PERMITS	PERMIT	36226
AIR NEW SOURCE PERMITS	PERMIT	37206
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0659W
AIR NEW SOURCE PERMITS	AFS NUM	0039
AIR NEW SOURCE PERMITS	PERMIT	96
AIR NEW SOURCE PERMITS	PERMIT	97
AIR NEW SOURCE PERMITS	PERMIT	266
AIR NEW SOURCE PERMITS	PERMIT	747
AIR NEW SOURCE PERMITS	PERMIT	748
AIR NEW SOURCE PERMITS	PERMIT	920
AIR NEW SOURCE PERMITS	PERMIT	1920
AIR NEW SOURCE PERMITS	PERMIT	1968
AIR NEW SOURCE PERMITS	PERMIT	2597
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	PERMIT	3177
AIR NEW SOURCE PERMITS	PERMIT	3214
AIR NEW SOURCE PERMITS	PERMIT	3215
AIR NEW SOURCE PERMITS	PERMIT	3217
AIR NEW SOURCE PERMITS	PERMIT	3218
AIR NEW SOURCE PERMITS	PERMIT	3219
AIR NEW SOURCE PERMITS	PERMIT	3985A
AIR NEW SOURCE PERMITS	PERMIT	4256
AIR NEW SOURCE PERMITS	PERMIT	4406
AIR NEW SOURCE PERMITS	PERMIT	4596
AIR NEW SOURCE PERMITS	PERMIT	4933
AIR NEW SOURCE PERMITS	PERMIT	41920
AIR NEW SOURCE PERMITS	PERMIT	42191

AIR NEW SOURCE PERMITS	PERMIT	41875
AIR NEW SOURCE PERMITS	PERMIT	42221
AIR NEW SOURCE PERMITS	PERMIT	42573
AIR NEW SOURCE PERMITS	PERMIT	42512
AIR NEW SOURCE PERMITS	PERMIT	43605
AIR NEW SOURCE PERMITS	PERMIT	42118
AIR NEW SOURCE PERMITS	PERMIT	44820
AIR NEW SOURCE PERMITS	PERMIT	45654
AIR NEW SOURCE PERMITS	PERMIT	45653
AIR NEW SOURCE PERMITS	PERMIT	45652
AIR NEW SOURCE PERMITS	PERMIT	45944
AIR NEW SOURCE PERMITS	PERMIT	46535
AIR NEW SOURCE PERMITS	PERMIT	47575
AIR NEW SOURCE PERMITS	PERMIT	50052
AIR NEW SOURCE PERMITS	REGISTRATION	79604
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID	TXD067285973
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
UNDERGROUND INJECTION CONTROL	PERMIT	WDW172
UNDERGROUND INJECTION CONTROL	PERMIT	WDW173
PETROLEUM STORAGE TANK STAGE II	REGISTRATION	32780
WATER LICENSING	LICENSE	1010320
WASTEWATER LICENSING	LICENSE	WQ0000402000
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1013348
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	6001443
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1010320
IHW CORRECTIVE ACTION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE COMPLIANCE PLANS	PERMIT	50099
PETROLEUM STORAGE TANK REGISTRATION	REGISTRATION	32780

Location: 5900 HIGHWAY 225, DEER PARK, TX, 77536 Rating Date: 9/1/2005 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: August 14, 2006

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: August 14, 2001 to August 14, 2006

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name: Nadia Hameed Phone: 713-767-3629

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? Yes
3. If Yes, who is the current owner?
   Shell Deer Park Refining Company
   Shell Chemical LP
   Shell Oil Company
   Deer Park Refining Limited Partnership
4. If Yes, who was/were the prior owner(s)?
   Resolution Performance Products, LLC
   Shell Oil Company
   Equilon Enterprises LLC
5. When did the change(s) in ownership occur?
   12/03/2002
   06/04/2004

Components (Multimedia) for the Site :

A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.

Effective Date: 6/12/2003 ADMINORDER 2002-0478-AIR-E
Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
40 CFR Part 61, Subpart V 61.242-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 4 PERMIT
Description: Failure to install redundant valves or end caps on open ended lines.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(d)(1)(i)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to adjust monitoring schedule to monthly from quarterly when leak rate exceeds 2%.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Part 63, Subpart G 63.114(a)(1)(ii)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 2 PERMIT
Description: Failure to install a temperature monitoring device in the gas stream immediately before and after the catalyst bed.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 8(A) PERMIT
Description: Failure to operate incinerator H9200 at a VOC outlet concentration of less than 20 ppmv.

Effective Date: 09/26/2004 ADMINORDER 2004-0101-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.7(a)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.116(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to conduct flare performance testing in accordance with 40 CFR 63.11 within 180 days of startup or rule applicability.

Effective Date: 02/20/2006 ADMINORDER 2005-0765-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.721(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to obtain control emissions from an emissions event that occurred on December 21, 2000 at the Coker Unit.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)

30 TAC Chapter 101, SubChapter F 101.201(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit a complete final report for a reportable emissions event which occurred at the Coker Unit on December 21, 2000.

Effective Date: 05/12/2006 ADMINORDER 2005-1614-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to report the December 25, 2004 emissions event within 24 hours of discovery.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No 3214, Gen Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 241 lbs of 1, 3-Butadiene, 322 lbs of Butene, 1,299 lbs of Pentane, 2,182 lbs of Ethylene, 68 lbs of Benzene and 1,018 lbs of Propylene during a 10 hour and 30 minute emissions event that occurred on December 25, 2004 in the OP3 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: General Condition #8 PERMIT
Description: Failed to prevent unauthorized emissions of 686 lbs of 1, 3-Butadiene, 949 lbs of Butene, 1,299 lbs of Pentane, 4,059 lbs of Ethylene and 2,044 lbs of Propylene during a 23 minute emissions event that occurred on February 17, 2005 in the Olefins No. 3 Unit ("OP3").

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Max. Allow. Em. Rate Ta PERMIT
Description: Failed to prevent unauthorized emissions of 1847.7 lbs of Ethylene, 680.70 lbs of Carbon Monoxide, and 87.3 lbs of Nitrogen Monoxide during a 3-hour emissions event that occurred on February 24, 2005 at the Acetylene Converters in the Olefins #2 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Gen. Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 404 lbs of volatile organic compounds ("VOC") in one hour on January 13, 2005 in the OP2 Unit Elevated Flare. Specifically, 868 lbs of VOCs were released and the VOC maximum allowable emission rate for the flare is 464 lbs per hour.

Effective Date: 02/20/2006 ADMINORDER 2005-0734-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent a power outage at Switchback 6B13 which resulted in unauthorized emissions from the HIPA Flare, HIPA Vent, Benji Vent (PC5500A), and Relief Valves RV0624, RV3033B, and RV0298 on May 9, 2004. Category A.11.i(6).

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain the ratio of hydrogen to acetylene in the converter resulting in the flaring of off-specification product resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on June 17, 2004.

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC #1 PERMIT
Description: Failed to prevent the lifting of Relief Valve RV3033B on the fat acid storage tank (T-75B) on June 27, 2004 which resulted in unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain steam pressure on the Olefins 2 Unit and operated the Propylene Refrigerator Compressor with a faulty suction/pressure indicating controller resulting in the flaring of off-specification products at the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on September 13, 2004.

Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: NSR Permit #3173, Special Condition #1 PA
Description: Failed to comply with the maximum allowable emission rates for carbon monoxide, volatile organic compounds ("VOC"), and nitrogen oxides and varied from permit representations for VOC emissions from the IPA Purge Line on September 6, 2004

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also Permit No. 3219, Gen. Condition 8 PERMIT
Description: Failed to control the ammonia concentration in the sour hydrogen feed resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on May 22, 2004. Category A.11.i(6).

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit initial notification of a reportable emissions event at the Isopropyl Alcohol (IPA) Unit which occurred on September 6, 2004 within 24 hours of discovery.

Effective Date: 08/20/2005 ADMINORDER 2004-0867-IHW-E

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(11)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.103(c)

Description: Failure to conduct compliance testing for the PHenol-3 BIF and submit recertification of compliance within three years of the previous certification.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(14)
Description: Failure to cease the burning of waste in the Phenol-3 BIF on October 12, 2003.

Effective Date: 08/30/2004 ADMINORDER 2003-1321-AIR-E

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: MAERT PERMIT
Description: Failed to comply with the permitted limit established in the MAERT of Air Permit No. 9334 for benzene. Specifically, Shell failed to prevent the unauthorized emission of benzene at the ACU Tank Farm, Tank D-371, for a period of 58 minutes on April 28, 2003. The permitted benzene limit for Tank D-371 is 0.45 lbs/hour.

See addendum for information regarding federal actions.

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

N/A

D. The approval dates of investigations. (CCEDS Inv. Track. No.)

1 09/20/2001 (IE0000485016001)
2 02/22/2002 (157682)
3 08/31/2002 (9511)
4 08/31/2002 (9388)
5 06/26/2003 (60695)
6 02/24/2003 (157683)
7 04/26/2002 (157741)
8 12/19/2002 (13703)
9 04/29/2003 (157742)
10 02/10/2003 (157684)
11 03/25/2002 (157686)
12 03/25/2003 (157687)
13 08/05/2005 (341201)
14 07/14/2006 (467608)
15 01/13/2003 (246531)
16 02/20/2003 (10139)
17 05/29/2002 (157745)
18 10/15/2002 (5839)
19 05/27/2003 (157746)
20 10/04/2004 (352006)
21 08/16/2004 (279252)
22 10/22/2003 (249626)
23 07/31/2006 (482753)

24	02/23/2005	(371820)
25	09/25/2003	(295217)
26	07/26/2006	(487301)
27	02/27/2006	(457162)
28	11/28/2005	(437043)
29	04/24/2006	(449499)
30	01/06/2005	(344370)
31	10/04/2005	(405964)
32	05/09/2005	(378729)
33	05/26/2006	(460174)
34	10/18/2004	(335028)
35	08/11/2004	(288458)
36	06/30/2006	(463111)
37	06/28/2005	(394944)
38	06/27/2002	(157749)
39	10/20/2004	(352007)
40	01/24/2006	(451885)
41	08/31/2002	(10160)
42	08/29/2002	(8058)
43	10/10/2005	(406428)
44	06/09/2004	(272409)
45	06/30/2006	(466561)
46	04/25/2006	(449838)
47	08/11/2004	(288745)
48	08/19/2002	(7668)
49	10/23/2003	(295219)
50	01/04/2004	(251319)
51	06/25/2003	(157750)
52	03/20/2006	(431859)
53	01/26/2005	(342583)
54	04/22/2002	(157692)
55	08/31/2002	(9479)
56	10/05/2005	(407310)
57	04/23/2003	(157693)
58	08/31/2002	(10241)
59	07/11/2006	(482755)
60	08/31/2002	(10071)
61	08/24/2002	(4890)
62	07/23/2003	(284079)
63	12/28/2004	(290091)
64	11/21/2003	(295220)
65	07/25/2002	(157753)
66	02/27/2006	(456661)
67	04/03/2003	(19124)
68	11/23/2004	(352008)
69	01/02/2004	(257380)
70	05/03/2005	(373899)
71	02/28/2006	(457143)
72	05/25/2005	(380203)
73	08/20/2001	(157755)
74	01/25/2006	(453221)
75	05/26/2006	(460095)
76	08/23/2005	(401945)
77	12/17/2003	(295221)
78	08/16/2002	(157756)
79	05/17/2006	(461235)
80	06/23/2006	(467537)
81	01/09/2005	(289381)
82	05/10/2006	(266908)
83	08/02/2002	(4405)

84	12/27/2004	(352009)
85	08/31/2002	(9298)
86	05/28/2002	(157696)
87	09/28/2005	(431096)
88	03/28/2006	(405965)
89	04/29/2005	(344372)
90	09/21/2001	(157758)
91	05/26/2006	(460156)
92	05/22/2003	(157697)
93	11/22/2004	(285617)
94	01/26/2004	(295222)
95	06/28/2003	(33595)
96	01/31/2005	(342585)
97	08/31/2004	(272715)
98	11/04/2005	(431796)
99	08/21/2002	(8730)
100	09/27/2002	(157759)
101	12/08/2005	(418800)
102	01/14/2004	(254260)
103	08/22/2005	(400922)
104	10/05/2005	(406803)
105	08/31/2002	(9698)
106	07/10/2006	(482757)
107	08/16/2005	(404329)
108	02/27/2004	(295223)
109	10/26/2001	(157761)
110	02/25/2006	(456944)
111	07/28/2005	(379300)
112	04/22/2005	(419640)
113	01/10/2003	(20830)
114	08/11/2004	(287418)
115	11/30/2003	(248256)
116	06/14/2006	(480612)
117	09/07/2004	(292099)
118	10/28/2002	(157762)
119	05/17/2006	(466235)
120	06/24/2002	(157700)
121	05/26/2004	(273578)
122	03/24/2004	(295225)
123	06/21/2005	(419641)
124	12/16/2005	(451110)
125	01/10/2005	(286434)
126	01/28/2004	(261052)
127	05/30/2006	(459416)
128	11/12/2004	(290146)
129	01/05/2005	(289527)
130	06/24/2003	(157701)
131	12/09/2002	(14114)
132	06/23/2004	(352010)
133	04/22/2005	(419642)
134	05/25/2004	(268601)
135	01/06/2005	(344373)
136	07/17/2002	(4842)
137	04/26/2006	(455005)
138	04/23/2004	(295226)
139	07/11/2006	(482760)
140	08/13/2002	(2149)
141	06/21/2005	(419643)
142	11/23/2001	(157765)
143	04/27/2006	(440023)

144	12/14/2004	(341177)
145	04/01/2005	(346780)
146	05/31/2006	(480622)
147	07/23/2002	(157704)
148	01/13/2002	(246530)
149	11/27/2002	(157766)
150	02/23/2006	(455872)
151	05/25/2004	(295228)
152	09/23/2005	(440775)
153	12/30/2004	(342431)
154	02/22/2005	(350798)
155	12/30/2004	(344374)
156	04/03/2006	(455004)
157	07/25/2003	(157705)
158	06/05/2003	(29924)
159	05/25/2004	(266874)
160	09/23/2005	(440776)
161	12/30/2004	(344491)
162	12/06/2002	(13895)
163	06/28/2006	(467525)
164	08/22/2001	(157707)
165	02/23/2004	(248995)
166	05/31/2006	(455293)
167	12/03/2002	(13971)
168	08/22/2002	(157708)
169	12/27/2001	(157769)
170	07/22/2004	(352011)
171	08/31/2004	(267451)
172	11/04/2005	(431865)
173	08/31/2002	(8665)
174	07/25/2003	(157709)
175	06/15/2006	(449850)
176	12/23/2002	(157770)
177	11/23/2005	(433921)
178	12/21/2004	(342546)
179	07/23/2003	(295231)
180	09/24/2001	(157711)
181	08/30/2005	(401403)
182	02/21/2006	(455170)
183	10/26/2005	(433389)
184	12/05/2004	(268602)
185	05/30/2006	(460198)
186	07/27/2006	(486448)
187	05/26/2006	(460637)
188	09/23/2002	(157712)
189	01/21/2004	(252556)
190	08/12/2003	(148558)
191	08/31/2002	(10222)
192	11/01/2001	(157713)
193	11/30/2005	(437117)
194	08/31/2002	(10117)
195	08/26/2003	(295233)
196	01/04/2005	(288475)
197	08/23/2004	(352012)
198	01/24/2002	(157773)
199	12/11/2004	(341292)
200	12/10/2004	(338725)
201	05/10/2006	(268067)
202	08/08/2006	(482747)
203	06/18/2004	(271341)

204	08/16/2004	(279239)
205	08/03/2005	(399624)
206	10/19/2001	(157715)
207	03/23/2006	(290016)
208	09/22/2004	(352013)
209	10/23/2002	(157716)
210	08/01/2002	(4773)
211	01/28/2003	(157774)
212	12/11/2004	(342406)
213	03/31/2004	(260311)
214	05/30/2003	(36614)
215	05/19/2004	(256196)
216	09/22/2003	(295235)
217	01/04/2005	(285114)
218	08/31/2004	(268068)
219	09/26/2002	(12173)
220	10/28/2003	(252341)
221	10/23/2002	(157718)
222	10/20/2004	(352014)
223	02/13/2003	(22044)
224	10/27/2003	(295237)
225	08/02/2005	(400361)
226	11/29/2004	(339553)
227	08/31/2002	(10030)
228	01/24/2003	(17948)
229	11/26/2001	(157720)
230	08/25/2005	(405926)
231	11/26/2003	(295238)
232	08/31/2002	(9860)
233	12/15/2004	(340217)
234	12/11/2004	(342558)
235	11/22/2004	(352015)
236	01/07/2005	(288436)
237	11/21/2002	(157721)
238	08/10/2005	(403710)
239	08/28/2002	(5059)
240	05/11/2003	(26340)
241	07/11/2006	(482407)
242	12/14/2004	(342547)
243	02/23/2006	(455897)
244	08/18/2005	(404406)
245	12/23/2003	(295239)
246	03/23/2005	(381809)
247	05/09/2003	(26339)
248	08/24/2002	(4888)
249	04/24/2006	(498125)
250	06/18/2004	(270854)
251	12/20/2004	(352016)
252	07/08/2002	(1368)
253	03/28/2005	(381810)
254	04/16/2004	(256199)
255	05/22/2006	(498126)
256	07/20/2005	(400891)
257	01/24/2005	(381811)
258	12/19/2001	(157724)
259	05/12/2006	(461088)
260	06/20/2006	(498127)
261	01/22/2004	(295240)
262	08/31/2002	(4913)
263	01/02/2004	(252698)

264	12/29/2004	(342425)
265	11/12/2004	(288819)
266	02/22/2005	(381812)
267	03/03/2006	(455540)
268	07/21/2005	(400399)
269	12/30/2002	(157725)
270	03/31/2003	(10812)
271	03/22/2005	(381813)
272	02/24/2006	(438342)
273	04/28/2006	(462216)
274	01/20/2005	(381814)
275	02/01/2005	(342419)
276	11/04/2002	(14763)
277	06/16/2003	(114383)
278	12/31/2002	(13462)
279	01/04/2005	(288902)
280	08/31/2002	(9964)
281	03/15/2006	(458469)
282	01/05/2005	(288541)
283	08/23/2003	(36650)
284	02/25/2006	(457085)
285	05/10/2003	(450832)
286	02/05/2003	(23703)
287	01/28/2002	(157728)
288	10/05/2005	(431097)
289	12/28/2004	(338893)
290	10/28/2005	(405406)
291	08/31/2002	(4915)
292	06/23/2006	(467329)
293	06/21/2006	(467546)
294	08/05/2005	(341194)
295	05/19/2004	(295206)
296	08/28/2002	(5060)
297	01/27/2003	(157729)
298	12/23/2002	(15106)
299	07/14/2004	(260134)
300	12/17/2002	(16626)
301	11/03/2005	(431819)
302	02/24/2003	(22731)
303	06/12/2006	(455296)
304	08/31/2002	(9758)
305	02/28/2006	(457152)
306	02/24/2006	(468329)
307	01/10/2005	(287676)
308	07/18/2005	(379933)
309	03/23/2006	(468330)
310	08/31/2002	(10403)
311	03/16/2004	(295208)
312	10/05/2005	(431095)
313	10/24/2005	(468331)
314	07/18/2005	(379934)
315	04/21/2004	(295209)
316	08/29/2003	(149848)
317	11/28/2005	(468332)
318	11/11/2004	(289756)
319	06/03/2004	(270210)
320	08/05/2005	(341195)
321	02/23/2004	(432673)
322	08/20/2001	(246533)
323	12/27/2005	(468333)

324 03/09/2006 (457675)
325 08/24/2004 (352003)
326 01/24/2006 (468334)
327 05/19/2004 (295211)
328 02/26/2002 (157733)
329 02/28/2003 (157734)
330 11/14/2005 (371956)
331 01/04/2005 (342600)
332 02/16/2006 (454090)
333 08/11/2004 (287399)
334 02/04/2002 (246532)
335 08/05/2005 (341198)
336 09/30/2004 (287575)
337 06/21/2004 (295213)
338 06/13/2006 (457735)
339 03/25/2002 (157736)
340 02/12/2003 (24287)
341 08/16/2005 (404327)
342 10/02/2002 (12436)
343 07/26/2004 (352004)
344 03/17/2006 (451544)
345 01/06/2005 (289146)
346 08/06/2003 (114294)
347 02/23/2006 (439108)
348 01/04/2005 (293105)
349 07/13/2005 (374690)
350 03/31/2003 (157737)
351 02/21/2006 (454835)
352 06/17/2005 (392662)
353 01/09/2003 (19750)
354 08/23/2005 (404915)
355 08/24/2004 (352005)
356 08/31/2004 (292677)
357 12/17/2004 (339115)
358 08/05/2005 (341200)
359 01/10/2005 (279219)

E. Written notices of violations (NOV). (CCEDS Inv. Track. No.)

Date: 01/31/2003 (157683)
Self Report? YES
Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 12/30/2004 (344491)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Failure to control emissions.

Date: 01/21/2004 (252556)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
Rqmt Prov: PERMIT IA
Description: Shell damaged the lube oil pump for the Recycle Gas Compr. Either possible root cause (failure to prime the pump or improperly installing the new motive screws) avoidably damaged those screws. Shell failed to control SO2 emissions during a startup activity.

Date: 12/14/2004 (340217)
Self Report? NO
Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(4)
30 TAC Chapter 305, SubChapter F 305.125(5)
TWC Chapter 26 26.121(a)(1)
Description: Failure to prevent the unauthorized discharge of untreated or partially treated process, sanitary, balast, and utility wastewaters through outfall 008. The permittee is authorized to discharge storm water and fire water only to outfall 008. See attached Table 1.

Date: 06/28/2006 (467525)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent overpressure of Secondary Debutanizer Column, V-613.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failed to identify the preconstruction authorization.

Date: 05/31/2002 (157749)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 08/31/2004 (272715)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to operate within the permit limits.

Date: 09/30/2004 (352007)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 09/30/2003 (295219)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/24/2003 (17948)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(10)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
Description: Failure to identify cause of the event and failure to comply with TCEQ Air Permit 3219.

Date: 12/30/2002 (13462)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to comply with permitted effluent limits for pH, Oil and Grease, TOC, and BOD.

Date: 01/07/2005 (288436)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 09/30/2001 (157761)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 11/30/2004 (352009)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 03/31/2005 (419640)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/13/2002 (246530)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 12/08/2005 (418800)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to maintain compliance with the effluent permit limits. Effluent violations were reported for ammonia-nitrogen at outfall 104 in 07/05 and for calcium, nickel and fecal coliform at outfall 001 in 03/05.

Date: 07/31/2005 (419643)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/14/2004 (254260)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT IA
Description: Main induced-draft fan on Boiler H-8610 shut down when governor seized due to dirty oil (inadequate attention to the status of the oil). The (large) boiler tripped on loss of the fan. Two olefin plants were shut down due to insufficient steam supply to the steam turbines driving the large critical compressors.

Date: 07/14/2006 (467608)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA
Description: Failure to prevent unauthorized emissions during decoking of furnace FOL170.

Date: 10/31/2001 (157765)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/09/2005 (289381)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 08/17/2005 (404327)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 110.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 150.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 180.

Date: 12/28/2004 (290091)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to avoid loss of cooling in the PRC surface condensate system.

Date: 06/20/2005 (395120)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent spill during tank heel transfer.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failure to submit an emissions event in a timely manner.

Date: 01/04/2005 (342600)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to control hydrate formation in the demethanizer column.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
Description: Failure to report emissions event in a timely manner.

Date: 04/30/2004 (295228)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 02/27/2006 (438342)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to control unauthorized emissions.

Date: 11/30/2001 (157769)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 08/31/2004 (267451)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent unauthorized emissions.

Date: 06/30/2004 (352011)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 10/10/2005 (406428)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to control emissions.

Date: 12/31/2001 (157773)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 07/13/2004 (260134)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to report an emissions event in a timely manner.

Date: 09/22/2004 (335028)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.46(m)
Description: Failure to maintain all pressure maintenance facilities and related appurtenances in a watertight condition.

Date: 02/23/2006 (439108)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 11/30/2003 (295239)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 06/15/2006 (457735)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent a leak from a line that was bent beyond its minimum flex radius creating a weak point that resulted in unauthorized emissions.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(c)

Description: Failure to submit a final record within two weeks of an emissions event.

Date: 12/31/2001 (157728)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 04/29/2005 (344372)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to control emissions.

Date: 12/31/2002 (157729)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 08/20/2001 (246533)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 05/17/2006 (461235)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.665(f)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(j)(7)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to record whether the pilot flame was continuously present during each hour for Flares OP2ELFLA and OP3ELFLA

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and OP3GRFLA.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Operation of Flares OP2ELFLA, OP3ELFLA and OP3GRFLA with visible emissions .

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Nine OELs in HT2; 2 OELs in CIPX

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: Failure to seal 18 OELs in IRU.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

Rqmt Prov: OP IA
PERMIT IA

Description: Failure to seal OELs in BD3.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: Furnaces FOL-601 and FOL-602 exceeded the permitted maximum hourly firing rates.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: The fuel gas used by Furnaces FOL601, FOL602, FOL603 and FOL604 exceeded the permitted maximum H2S concentration.

Date: 09/30/2005 (468331)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 04/04/2006 (455004)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA

Description: Failure to control unauthorized emissions for Incident #64365.

Date: 02/04/2002 (246532)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 11/22/2004 (285617)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to operate within the permit limits.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)

Description: Failure to indicate the air contaminants from the flare completely in the final report.

Date: 06/28/2003 (33595)

Self Report? NO Classification: Moderate

Citation: 5C THC Chapter 382, SubChapter A 382.085(a)

Description: Failed to prevent an emissions release by good design, operation, and maintenance practices.

Date: 05/11/2003 (26340)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

Description: Shell failed to prevent unauthorized emissions from an activity or event that could have been foreseen and avoided by good design, operation, and maintenance practices.

Date: 01/04/2004 (251319)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT IA

Description: Shell allowed 237 lbs of unauthorized emissions of mesityl oxide (a highly irritating ketone, which overflowed Tank T-40-16 due to an inaccurate level indicator and failure to respond to a high level alarm from the back up high level alarm system.

Date: 12/16/2002 (16626)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 290, SubChapter D 290.43(c)(1)

Description: Failure to protect the vent opening on the ground storage tank with a 16-mesh or finer corrosion resistant screen.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.42(e)(3)(D)

Description: Failure to provide scales for determining the amount of disinfectant used daily.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)

Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)

Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.

Date: 02/28/2002 (157736)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 05/31/2006 (455293)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to prevent an operator error resulting in unauthorized emissions.

Date: 12/30/2004 (344374)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA

Description: Failure to Control Emissions

F. Environmental audits.

Notice of Intent Date: 05/27/2003 (112481)

No DOV Associated

Notice of Intent Date: 06/13/2003 (251436)

No DOV Associated

Notice of Intent Date: 06/12/2003 (251440)

Disclosure Date: 09/04/2003

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B 115.116(a)[G]

Description: Failure to maintain and compile inspection reports that document all of the elements required by the applicable regulations.

Notice of Intent Date: 06/19/2003 (397860)
No DOV Associated

Notice of Intent Date: 08/12/2003 (251504)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251740)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251760)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263020)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263024)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263025)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263029)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263033)
Disclosure Date: 12/07/2004

Viol. Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter B 115.136(a)(1)

30 TAC Chapter 115, SubChapter B 115.136(a)(4)

Description: records not available for daily sampling/analysis results for vapor pressure of the wastewater streams procssed by the unit's API separator

Notice of Intent Date: 11/20/2003 (449697)
No DOV Associated

Notice of Intent Date: 10/28/2004 (263123)
No DOV Associated

Notice of Intent Date: 04/28/2003 (263686)
No DOV Associated

Notice of Intent Date: 02/26/2003 (263866)
No DOV Associated

Notice of Intent Date: 02/20/2004 (265126)
No DOV Associated

Notice of Intent Date: 12/20/2002 (265131)
Disclosure Date: 06/24/2003

Viol. Classification: Major
Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]

Description: Failed to authorize emissions from rail car cleaning.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.10[G]

Description: Failed to report emissions from EPN Carclean in emissions inventory.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.541[G]

Description: Failed to justify control efficiency of railcar cleaning CAS.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.546[G]

Description: Failed to keep records of CAS breakthrough monitoring.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.132(e)(4)(C)(iii)

Description: failed to submit compliance plan with application

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.541[G]

Description: failed to process tank cars with partial vapor pressure of >= 0.5 psia through properly operating control system
Notice of Intent Date: 02/26/2003 (29900)
No DOV Associated

Notice of Intent Date: 06/12/2001 (32699)
Disclosure Date: 11/13/2001

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20[G]

30 TAC Chapter 113, SubChapter C 113.120

40 CFR Part 63, Subpart G 63.114(d)

Description: Two lines routed to a Group 1 process vent have bypass lines that do not have flow indicators nor are they secured in the non-diverting position with a car seal.
Notice of Intent Date: 08/20/2001 (32762)
Disclosure Date: 09/14/2001

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)

30 TAC Chapter 116, SubChapter B 116.115(b)(2)[G]

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF
61.356(i)(1)
40 CFR Part 63, Subpart G 63.118(a)

Description: Failure to maintain complete and continuous recording of pilot flame presence for the ground flare and elevated flares.
Notice of Intent Date: 09/26/2001 (32825)
No DOV Associated

Notice of Intent Date: 11/19/2001 (32880)
No DOV Associated

Notice of Intent Date: 01/18/2002 (32901)
Disclosure Date: 02/08/2002

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.663(b)(1)

40 CFR Part 60, Subpart NNN 60.665(d)

40 CFR Part 60, Subpart NNN 60.665(f)

40 CFR Part 60, Subpart NNN 60.665(m)

Description: Failure to acquire approval to waive the requirements of a continuous pilot flame recorder for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.663(b)(2)

40 CFR Part 60, Subpart NNN 60.665(d)

40 CFR Part 60, Subpart NNN 60.665(m)

Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.665(l)(1)

40 CFR Part 60, Subpart NNN 60.665(l)(2)

40 CFR Part 60, Subpart NNN 60.665(l)(4)

40 CFR Part 60, Subpart NNN 60.665(m)

40 CFR Part 60, Subpart NNN 60.665(p)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7[G]

Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FINID numbers IRUFLR and TRUFLRG.

Notice of Intent Date: 01/12/2003 (32908)
No DOV Associated

Notice of Intent Date: 03/01/2002 (32928)
No DOV Associated

Notice of Intent Date: 03/19/2002 (32937)
No DOV Associated

Notice of Intent Date: 04/12/2002 (32949)
No DOV Associated

Notice of Intent Date: 05/30/2002 (32974)
No DOV Associated

Notice of Intent Date: 06/26/2002 (32979)
No DOV Associated

Notice of Intent Date: 08/19/2002 (33022)
No DOV Associated

Notice of Intent Date: 09/04/2002 (33051)
No DOV Associated

Notice of Intent Date: 09/16/2002 (33069)
No DOV Associated

Notice of Intent Date: 10/29/2002 (33101)
No DOV Associated

Notice of Intent Date: 11/20/2002 (33116)
No DOV Associated

Notice of Intent Date: 08/06/2004 (334038)
Disclosure Date: 10/12/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1) Req Prpv: PERMITCompliance b. Operational Requirements 1

PERMITGeneral b.

Description: noncompliance with requirement to maintain all facilities and systems of treatment and control (and related appurtenances)

Notice of Intent Date: 08/06/2004 (334047)
Disclosure Date: 08/26/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter A; 40 CFR Chapter 261, SubChapter I, PT 261, SubPT A
Description: Failure to characterize a process water stream from a leaking economizer, which contained K022 waste.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter C; 30 TAC Chapter 335, SubChapter R; 409 CFR Chapter 262, SubChapter I, PT 262, SubF
Description: Failure to characterize wastewater treatment plant residues carrying the K022 waste code.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter A
Description: of K022 WWTP residual solids at a Class 1 non-hazardous waste landfill.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter D
Description: amend RCRA permit to reflect management of K022 waste.

Viol. Classification: Moderate

Citation: Permit 1. General b.
Description: discharge of process water to storm water impoundment basins.

Notice of Intent Date: 08/27/2004 (334576)
No DOV Associated

Notice of Intent Date: 07/16/2002 (33993)
No DOV Associated

Notice of Intent Date: 10/12/2004 (349555)
No DOV Associated

Notice of Intent Date: 11/11/2004 (349565)
No DOV Associated

Notice of Intent Date: 01/04/2005 (349867)

Disclosure Date: 06/17/2005

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.320
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(d)(5)

Description: documentation was not readily available to fully demonstrate that a formal refinery maximum achievable control technology applicability determination (ie >5% HAPS) had been made for equipment in light crude service

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(1)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(3)

Description: one New Source Performance Standard (NSPS) notification for Start of Construction and Start of Operation for the CGHT unit could not be located

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(a)(3)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(b)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(4)

Description: documentation was not readily available to fully demonstrate that the process to determine if a project triggered NSPS "Modification" was being completed for NSPS Subpart GGG compliance

Viol. Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.10(b)[G]
30 TAC Chapter 101, SubChapter A 101.10(c)
30 TAC Chapter 101, SubChapter A 101.10(d)
30 TAC Chapter 101, SubChapter A 101.10(e)
40 CFR Chapter 372, SubChapter J, PT 372, SubPT B 372.30(a)

Description: emissions from fueling of vehicles in the Deer Park Refinery were not included in emissions inventories as required

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.10(d)(5)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.6(e)(3)(i)

Description: documentation was not readily available to demonstrate the development of a formal startup, shutdown, and malfunction plan (SSMP), and to document that when appropriate, a semi-annual report was submitted

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.320
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.640(l)(3)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(f)(1)(ii)

Description: documentation was not readily available to fully demonstrate the group 1 or group 2 applicability determination for miscellaneous process vents

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.110
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(4)(i)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(6)

Description: although monthly monitoring of cooling water return to the HON SWT was conducted and no leaks were detected, it is unclear whether there was complete compliance wiht HON requirements

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(a)(1)(i)(A)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(h)

Description: annual LDAR instrument monitoring of CPI and IGF benzene wastewater equipment had not been performed as required by benzene waste NESHAP regulations

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(a)(1)(i)(A)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(b)

Description: periodic visual inspection of the CPI and IGF benzene wastewater equipment to ensure access hatches and other openings are properly closed and gasketed had not been performed as required by the benzene waste NESHAP regulations

Notice of Intent Date: 01/06/2005 (349868)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350720)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350721)
Disclosure Date: 03/23/2005

Viol. Classification: Moderate

Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(b)[G]
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(c)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(d)

Description: failed to meet requirements for maintenance/start-up/shutdown related activities

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.110

Description: incorporation by reference of 40 CFR 63 Subpart F (SOCMI MACT standard)

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.120

Description: incorporation by reference of 40 CFR 63 Subpart G (SOCMI for Process Vents, Storage Vessels, Transfer Operations, and Wastewater MACT standard)

Notice of Intent Date: 01/27/2005 (350723)
Disclosure Date: 07/06/2005

Viol. Classification: Moderate

Citation: 40 CFR Chapter 262, SubChapter I, PT 262, SubPT C 262.34[G]
30 TAC Chapter 335, SubChapter C 335.69[G]

Description: Equipment associated with a decommissioned cumene unit in the Phenol Acetone Production Areas was not properly decontaminated when shut down in 2001. Process vessels, pumps, exchangers, and piping contain material that meets the definition of a characteristically hazardous waste (D002, D018).

Notice of Intent Date: 01/05/2005 (371573)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375030)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375031)
Disclosure Date: 07/14/2005

Viol. Classification: Minor
Req Prpv: PERMITAir New Source Permit No. 9334 SC 10.D
Description: no notification 30 days in advance of 11/04 seal gap measurement for Aromatics EFR tank G-359

Viol. Classification: Minor
Req Prpv: PERMITAir New Source Permits
Description: no notification 30 days in advance of refilling of Solvents IFR tank T140B, Phenol Acetone IFR tank D391, Solvents IFR tank F337

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C 113.120
Req Prpv: PERMITPermit 9334 Special Condition 10D

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.120(a)(3)(iii)
PERMITPermit 9334 Special Condition 10D
Description: no 10 yr internal seal inspection of Aromatics IFR tank F-361

Notice of Intent Date: 04/15/2005 (380864)
No DOV Associated

Notice of Intent Date: 05/18/2005 (396476)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434090)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434095)
No DOV Associated

Notice of Intent Date: 11/04/2005 (438422)
No DOV Associated

Notice of Intent Date: 12/02/2005 (451075)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452942)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452952)
No DOV Associated

Notice of Intent Date: 04/16/2006 (463688)
No DOV Associated

Notice of Intent Date: 05/22/2006 (454159)
No DOV Associated

G. Type of environmental management systems (EMSs).

Non 30 TAC CH 90 Certified, ISO 14001:2004, installed 1/12/2005, certified 1/19/2006

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

Type	Tier	Certification Date
CLEAN TEXAS	PARTNERSHIP	12/20/2004

J. Early compliance.

N/A

Sites Outside of Texas

N/A

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	MOTIVA ENTERPRISES, LLC.	CUSTOMER NO.:	CN600124051
REGULATED ENTITY:	SHELL OIL DEER PARK	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 HWY. 225		
REG. ENTITY CITY:	DEER PARK		

Violations

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	CAA
		SECT. OF STATUTE:	112
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	40CFR
		CITE PART:	61
CASE RESULT:	Final Order With Penalty	CITE SECT.:	342(C)
		PROGRAM:	NESHAPs
		VIOLATION TYPE:	Nat. Emis. Standard - Haz. Air Pollutant

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
		SECT. OF STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	40CFR
		CITE PART:	61
CASE RESULT:	Final Order With Penalty	CITE SECT.:	357
		PROGRAM:	
		VIOLATION TYPE:	Violations Of Reporting Requirements

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
		SECT. OF STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	
		CITE PART:	
CASE RESULT:	Final Order With Penalty	CITE SECT.:	
		PROGRAM:	
		VIOLATION TYPE:	Air Emissions not otherwise specified

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
		SECT. OF STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	
		CITE PART:	
CASE RESULT:	Final Order With Penalty	CITE SECT.:	
		PROGRAM:	
		VIOLATION TYPE:	Refinery Fuel Gas

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
		SECT. OF STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	
		CITE PART:	
CASE RESULT:	Final Order With Penalty	CITE SECT.:	
		PROGRAM:	
		VIOLATION TYPE:	UST Leak Detection and Repair

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	Shell Chemical Company	CUSTOMER NO.:	CN601405145
REGULATED ENTITY:	Shell Chemical Company Deer Park	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 Hwy 225		
REG. ENTITY CITY:	Deer Park		

Violations

EPA CASE NO.:	06-1998-0547	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20011015	STATUTE: CAA	SECT. OF STATUTE: 112R
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	CITE PART: CITE SECT:
CASE RESULT:	Final Order With Penalty	PROGRAM:	NESHAPs
		VIOLATION TYPE:	Other/Miscellaneous

Penalty Calculation Worksheet (PCW)

TCEQ

Policy Revision 2 (September 2002) *PCW Revision April 25, 2006*

DATES					
Assigned	14-Aug-2006				
PCW	05-Oct-2006	Screening	08-Sep-2006	EPA Due	

RESPONDENT/FACILITY INFORMATION

Respondent	Shell Chemical LP		
Reg. Ent. Ref. No.	RN100211879		
Facility/Site Region	12-Houston	Major/Minor Source	Major Source

CASE INFORMATION

Enf./Case ID No.	28867	No. of Violations	4
Docket No.	2006-0328-MLM-E	Order Type	Findings
Media Program(s)	Air Quality	Enf. Coordinator	Nadia Hameed
Multi-Media	Industrial and Hazardous Waste	EC's Team	Enforcement Team 6
Admin. Penalty $ Limit Minimum	$0	Maximum	$10,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) *Subtotal 1* $35,500

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History 301% Enhancement *Subtotals 2, 3, & 7* $106,855

Notes: Penalty enhancements due to 27 NOVs issued for the same or similar violations, 27 NOVs issued for non-similar violations, which includes 18 self-reported effluent violations, five agreed orders with denial of liability, two findings orders, and two consent decree/court orders with denial of liability. Penalty reduction due to submittal of 59 notice of audit letters, 12 violations disclosures, an environmental management system in place for one year or more, and participation in a voluntary pollution reduction program.

Culpability No 0% Enhancement *Subtotal 4* $0

Notes: The Respondent does not meet the culpability criteria.

Good Faith Effort to Comply 25% Reduction *Subtotal 5* -$8,875

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary	x	
N/A		*(mark with a small x)*

Notes: The Respondent completed the required corrective actions on June 30, 2006.

Economic Benefit 0% Enhancement* *Subtotal 6* $0

**Capped at the Total EB $ Amount*

Total EB Amounts	$202
Approx. Cost of Compliance	$10,300

SUM OF SUBTOTALS 1-7 Final Subtotal $133,480

OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment $0

Reduces or enhances the Final Subtotal by the indicated percentage. *(Enter number only; e.g. -30 for -30%.)*

Notes:

Final Penalty Amount $133,480

STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty $50,680

DEFERRAL 0% Reduction Adjustment $0

Reduces the Final Assessed Penalty by the indicted percentage. *(Enter number only; e.g. 20 for 20% reduction.)*

Notes: No deferral since this is a Findings Order.

PAYABLE PENALTY $50,680

PCW 7

Screening Date 08-Sep-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP

Policy Revision 2 (September 2002)

Case ID No. 28867

PCW Revision April 25, 2006

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Nadia Hameed

Compliance History Worksheet

>> **Compliance History *Site* Enhancement (Subtotal 2)**

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action *(number of NOVs meeting criteria)*	27	135%
	Other written NOVs	27	54%
Orders	Any agreed final enforcement orders containing a denial of liability *(number of orders meeting criteria)*	5	100%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	2	50%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government *(number of judgements or consent decrees meeting criteria)*	2	60%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government *(number of counts)*	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which notices were*	59	-59%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which violations were disclosed)*	12	-24%

		Please Enter Yes or No	
Other	Environmental management systems in place for one year or more	Yes	-10%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	Yes	-5%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) **301%**

>> **Repeat Violator (Subtotal 3)**

No

Adjustment Percentage (Subtotal 3) **0%**

>> **Compliance History *Person* Classification (Subtotal 7)**

Average Performer

Adjustment Percentage (Subtotal 7) **0%**

>> **Compliance History Summary**

Compliance History Notes

Penalty enhancements due to 27 NOVs issued for the same or similar violations, 27 NOVs issued for non-similar violations, which includes 18 self-reported effluent violations, five agreed orders with denial of liability, two findings orders, and two consent decree/court orders with denial of liability. Penalty reduction due to submittal of 59 notice of audit letters, 12 violations disclosures, an environmental management system in place for one year or more, and participation in a voluntary pollution reduction program.

Total Adjustment Percentage (Subtotals 2, 3, & 7) **301%**

Screening Date 08-Sep-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP

Policy Revision 2 (September 2002)

Case ID No. 28867

PCW Revision April 25, 2006

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Nadia Hameed

Violation Number 1

Primary Rule Cite(s)	30 Tex. Admin. Code §§ 101.20(2), 101.20(1) and 40 Code of Federal Regulations § 60.482-6(a)(2)
Secondary Rule Cite(s)	Tex. Health and Safety Code § 382.085(b)
Violation Description	Failure to properly seal open-ended lines. Specifically, three plugs in the OP-3 Unit were discovered by investigators on May 11, 2005, to be leaking. In addition, one open-ended line without a plug or a cap was observed on May 9, 2005, at the OP-3 Unit. The open-ended line was monitored and not found to be leaking.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

OR

Release	Harm: Major	Moderate	Minor
Actual			X
Potential			

Percent 25%

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: Estimated emissions of 0.73 pounds of VOC in light liquid service for the day the plugs and the open-ended line was discovered were calculated utilizing the Facility/Compound Specific Fugitive Emission Factors in the "Air Permits Technical Guidance for Chemical Sources: Equipment Leak Fugitives" publication.

Adjustment -$7,500

Base Penalty Subtotal $2,500

Violation Events

Number of Violation Events 1 — 9 Number of violation days

mark only one use a small x	
daily	
monthly	
quarterly	X
semiannual	
annual	
single event	

Violation Base Penalty $2,500

One quarterly event is recommended from discovery on May 9, 2005 to monitoring the plugs on May 18, 2005.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount $0

Violation Final Penalty Total $9,400

This violation Final Assessed Penalty (adjusted for limits) $9,400

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$200	09-May-2005	18-May-2005	0.0	$0	n/a	$0

Notes for DELAYED costs: Estimated cost of corrective actions. Required date based on the date the problem was discovered. Final date based on the date the corrective actions were completed.

Avoided Costs (ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs))							
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0

Notes for AVOIDED costs:

Approx. Cost of Compliance: $200

TOTAL $0

Screening Date 08-Sep-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision April 25, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Nadia Hameed

Violation Number 2

Primary Rule Cite(s) 30 Tex. Admin. Code § 101.20(1) and 40 Code of Federal Regulations § 60.482-7(a)

Secondary Rule Cite(s) Tex. Health and Safety Code § 382.085(b)

Violation Description Failed to monitor new valves which were put into service at the OP-3 unit on a monthly basis. Specifically, ten gas/vapor valves were installed in February 2005, and the initial monitoring was not conducted until May 11, 2005 and June 2, 2005. However, when the initial monitoring was conducted no leaks were found.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

Release	Harm: Major	Moderate	Minor
Actual			
Potential			x

OR

Percent 10%

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: .Estimated emissions of 7.79 pounds of VOC in gas/vapor service for the ten valves that were not monitored were calculated utilizing the Facility/Compound Specific Fugitive Emission Factors in the "Air Permits Technical Guidance for Chemical Sources: Equipment Leak Fugitives" publication.

Adjustment -$9,000

Base Penalty Subtotal $1,000

Violation Events

Number of Violation Events 1 — 112 Number of violation days

mark only one / use a small x:

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $1,000

One single event is recommended.

Economic Benefit (EB) for this violation — **Statutory Limit Test**

Estimated EB Amount $2 — **Violation Final Penalty Total** $3,760

This violation Final Assessed Penalty (adjusted for limits) $3,760

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$100	10-Feb-2005	02-Jun-2005	0.3	$2	n/a	$2

Notes for DELAYED costs: Estimated cost of monitoring the valves. Required date based on the date the valves were installed. Final date based on the date the corrective actions were completed.

Avoided Costs (ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs))							
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0

Notes for AVOIDED costs:

Approx. Cost of Compliance: $100

TOTAL $2

Screening Date 08-Sep-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision April 25, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Nadia Hameed

Violation Number 3

Primary Rule Cite(s)	Flexible Air Permit No. 21262/PSDTX 928, Special Condition No.1 and 30 Tex. Admin. Code § 116.715 (a)
Secondary Rule Cite(s)	30 Tex. Admin. Code § 101.20 (3) and Tex. Health & Safety Code § 382.085(b)
Violation Description	Failed to prevent unauthorized emissions. Specifically, 65,063 pounds of volatile organic compounds, 35,141 pounds of carbon monoxide, 14,277 pounds of sulfur dioxide, 4,849 pounds of nitrogen oxides, and 204 pounds of hydrogen sulfide were released from OP2 and OP3 Elevated Flares and OP3 Ground Flare during an emissions event which began on December 14, 2004 in the Olefins III Unit and lasted for 59 hours. Since this emissions event was avoidable and determined to be excessive, the Respondent failed to meet the demonstrations for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

Release	Harm: Major	Moderate	Minor
Actual	x		
Potential			

OR

Percent 100%

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: Human health or the environment has been exposed to significant amounts of pollutants which exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment $0

Base Penalty Subtotal $10,000

Violation Events

Number of Violation Events 3 | 3 Number of violation days

mark only one, use a small x	
daily	x
monthly	
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty $30,000

Three daily events are recommended.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount $97

Violation Final Penalty Total $112,800

This violation Final Assessed Penalty (adjusted for limits) $30,000

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$5,000	14-Dec-2004	04-May-2005	0.4	$97	n/a	$97
Notes for DELAYED costs	Estimated cost of implementing procedures designed to prevent recurrence of an emissions event due to the same cause as the December 14, 2004 emissions event. Date required based on the date of the emissions event. Final date based on the date the actions in the Corrective Action Plan were completed.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance: $5,000

TOTAL: $97

Screening Date 08-Sep-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision April 25, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Nadia Hameed

Violation Number 4

Primary Rule Cite(s) Hazardous Waste Permit No. 50099, Permit Provision V.I.2.b. and 30 Tex. Admin. Code § 335.221(a)(6)

Secondary Rule Cite(s) 40 Code of Federal Regulations §§ 266.102(e)(3)(i) and 266.102(e)(7)(ii)

Violation Description Failed to comply with Boiler and Industrial Furnace (BIF) operating parameters for the total ash feed rate, by not revising the data in the Distributed Control System for the correct level of ash being fed into the unit. Specifically, during the period of January 29, 2006 at 1:00 a.m. through January 30, 2006 at 12:00 a.m. and period of April 11, 2006 at 2:00 a.m. through April 13, 2006 at 3:00 a.m. the permitted maximum allowable ash feed rate of 6.5 pounds per hour was exceeded at the Phenol 3 Boiler for a total of 34 and 49 hours respectively. The total ash feed rate on both occasions reached as high as 8.5 pounds per hour.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

Release	Harm: Major	Moderate	Minor
Actual			
Potential			x

OR

Percent 10%

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: Human health or the environment could have been exposed to insignificant amounts of pollutants which do not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment -$9,000

Base Penalty Subtotal $1,000

Violation Events

Number of Violation Events 2 4 Number of violation days

mark only one use a small x	
daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $2,000

Two single events are recommended.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount $104 **Violation Final Penalty Total** $7,520

This violation Final Assessed Penalty (adjusted for limits) $7,520

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Violation No. 4

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$5,000	29-Jan-2006	30-Jun-2006	0.4	$104	n/a	$104

Notes for DELAYED costs: Estimated cost of implementing procedures designed to prevent the exceedance of the ash feed rate. Date required based on the date of the initial exceedance. Final date based on the date the corrective actions were completed.

Avoided Costs (ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs))							
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0

Notes for AVOIDED costs:

Approx. Cost of Compliance: $5,000

TOTAL: $104

Compliance History

Customer/Respondent/Owner-Operator: CN601405145 Shell Chemical LP Classification: AVERAGE Rating: 2.40

Regulated Entity: RN100211879 SHELL OIL DEER PARK Classification: AVERAGE Site Rating: 3.02

ID Number(s):

AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0659W
AIR OPERATING PERMITS	PERMIT	1669
AIR OPERATING PERMITS	PERMIT	1668
AIR OPERATING PERMITS	PERMIT	1940
AIR OPERATING PERMITS	PERMIT	1941
AIR OPERATING PERMITS	PERMIT	1942
AIR OPERATING PERMITS	PERMIT	1943
AIR OPERATING PERMITS	PERMIT	1945
AIR OPERATING PERMITS	PERMIT	1946
AIR OPERATING PERMITS	PERMIT	1947
AIR OPERATING PERMITS	PERMIT	1948
AIR OPERATING PERMITS	PERMIT	2108
AIR OPERATING PERMITS	PERMIT	3179
WASTEWATER	PERMIT	WQ0000402000
WASTEWATER	PERMIT	TPDES0004863
WASTEWATER	PERMIT	TX0004863
WASTEWATER	PERMIT	WQ0000403000
WASTEWATER	PERMIT	TPDES0004871
AIR NEW SOURCE PERMITS	PERMIT	3180
AIR NEW SOURCE PERMITS	PERMIT	47405
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	947405W
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	REGISTRATION	54895
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	REGISTRATION	55312
AIR NEW SOURCE PERMITS	REGISTRATION	76382
AIR NEW SOURCE PERMITS	REGISTRATION	75524
AIR NEW SOURCE PERMITS	REGISTRATION	55717
AIR NEW SOURCE PERMITS	REGISTRATION	55730
AIR NEW SOURCE PERMITS	REGISTRATION	55869
AIR NEW SOURCE PERMITS	REGISTRATION	76315
AIR NEW SOURCE PERMITS	EPA ID	PSDTX815
AIR NEW SOURCE PERMITS	PERMIT	PSDTX974
AIR NEW SOURCE PERMITS	PERMIT	PSDTX961
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928M1
AIR NEW SOURCE PERMITS	PERMIT	48912
AIR NEW SOURCE PERMITS	PERMIT	56476
AIR NEW SOURCE PERMITS	PERMIT	56496
AIR NEW SOURCE PERMITS	PERMIT	70389
AIR NEW SOURCE PERMITS	PERMIT	70613
AIR NEW SOURCE PERMITS	PERMIT	70903
AIR NEW SOURCE PERMITS	REGISTRATION	70893
AIR NEW SOURCE PERMITS	PERMIT	71223
AIR NEW SOURCE PERMITS	PERMIT	PSDTX896
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928
AIR NEW SOURCE PERMITS	REGISTRATION	71567
AIR NEW SOURCE PERMITS	REGISTRATION	71682
AIR NEW SOURCE PERMITS	PERMIT	52089
AIR NEW SOURCE PERMITS	PERMIT	52088
AIR NEW SOURCE PERMITS	PERMIT	50388
AIR NEW SOURCE PERMITS	PERMIT	50423
AIR NEW SOURCE PERMITS	PERMIT	50548
AIR NEW SOURCE PERMITS	PERMIT	52565
AIR NEW SOURCE PERMITS	PERMIT	50815
AIR NEW SOURCE PERMITS	PERMIT	54061
AIR NEW SOURCE PERMITS	PERMIT	53138
AIR NEW SOURCE PERMITS	PERMIT	52476
AIR NEW SOURCE PERMITS	PERMIT	52477
AIR NEW SOURCE PERMITS	PERMIT	54701
AIR NEW SOURCE PERMITS	PERMIT	70612
AIR NEW SOURCE PERMITS	REGISTRATION	74572
AIR NEW SOURCE PERMITS	REGISTRATION	75045
AIR NEW SOURCE PERMITS	EPA ID	PSDTX974
AIR NEW SOURCE PERMITS	REGISTRATION	76699
AIR NEW SOURCE PERMITS	EPA ID	PSDTX896
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928M1
AIR NEW SOURCE PERMITS	EPA ID	PSDTX961
AIR NEW SOURCE PERMITS	REGISTRATION	77284
AIR NEW SOURCE PERMITS	REGISTRATION	77952
AIR NEW SOURCE PERMITS	REGISTRATION	76265
AIR NEW SOURCE PERMITS	REGISTRATION	78624

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AIR NEW SOURCE PERMITS	REGISTRATION	78816
AIR NEW SOURCE PERMITS	REGISTRATION	78839
AIR NEW SOURCE PERMITS	REGISTRATION	78864
AIR NEW SOURCE PERMITS	PERMIT	6949
AIR NEW SOURCE PERMITS	PERMIT	7855
AIR NEW SOURCE PERMITS	PERMIT	9856
AIR NEW SOURCE PERMITS	PERMIT	11177
AIR NEW SOURCE PERMITS	PERMIT	12152
AIR NEW SOURCE PERMITS	PERMIT	12537
AIR NEW SOURCE PERMITS	PERMIT	13373
AIR NEW SOURCE PERMITS	PERMIT	13713
AIR NEW SOURCE PERMITS	PERMIT	16429
AIR NEW SOURCE PERMITS	PERMIT	1119
AIR NEW SOURCE PERMITS	PERMIT	1120
AIR NEW SOURCE PERMITS	PERMIT	3178
AIR NEW SOURCE PERMITS	PERMIT	3179
AIR NEW SOURCE PERMITS	PERMIT	3216
AIR NEW SOURCE PERMITS	PERMIT	5801
AIR NEW SOURCE PERMITS	PERMIT	6791
AIR NEW SOURCE PERMITS	PERMIT	7621
AIR NEW SOURCE PERMITS	PERMIT	9334
AIR NEW SOURCE PERMITS	PERMIT	10888
AIR NEW SOURCE PERMITS	PERMIT	11096
AIR NEW SOURCE PERMITS	PERMIT	11586
AIR NEW SOURCE PERMITS	PERMIT	12373
AIR NEW SOURCE PERMITS	PERMIT	12829
AIR NEW SOURCE PERMITS	PERMIT	13678
AIR NEW SOURCE PERMITS	PERMIT	15961
AIR NEW SOURCE PERMITS	PERMIT	8236
AIR NEW SOURCE PERMITS	PERMIT	9505
AIR NEW SOURCE PERMITS	PERMIT	15262
AIR NEW SOURCE PERMITS	PERMIT	15365
AIR NEW SOURCE PERMITS	PERMIT	15499
AIR NEW SOURCE PERMITS	PERMIT	15940
AIR NEW SOURCE PERMITS	PERMIT	18209
AIR NEW SOURCE PERMITS	PERMIT	18576
AIR NEW SOURCE PERMITS	PERMIT	18738
AIR NEW SOURCE PERMITS	PERMIT	18768
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	PERMIT	22038
AIR NEW SOURCE PERMITS	PERMIT	23273
AIR NEW SOURCE PERMITS	PERMIT	24096
AIR NEW SOURCE PERMITS	PERMIT	24874
AIR NEW SOURCE PERMITS	PERMIT	26368
AIR NEW SOURCE PERMITS	PERMIT	27598
AIR NEW SOURCE PERMITS	PERMIT	29597
AIR NEW SOURCE PERMITS	PERMIT	32282
AIR NEW SOURCE PERMITS	PERMIT	33524
AIR NEW SOURCE PERMITS	PERMIT	34230
AIR NEW SOURCE PERMITS	PERMIT	34358
AIR NEW SOURCE PERMITS	PERMIT	35243
AIR NEW SOURCE PERMITS	PERMIT	35608
AIR NEW SOURCE PERMITS	PERMIT	36226
AIR NEW SOURCE PERMITS	PERMIT	37206
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0659W
AIR NEW SOURCE PERMITS	AFS NUM	0039
AIR NEW SOURCE PERMITS	PERMIT	96
AIR NEW SOURCE PERMITS	PERMIT	97
AIR NEW SOURCE PERMITS	PERMIT	266
AIR NEW SOURCE PERMITS	PERMIT	747
AIR NEW SOURCE PERMITS	PERMIT	748
AIR NEW SOURCE PERMITS	PERMIT	920
AIR NEW SOURCE PERMITS	PERMIT	1920
AIR NEW SOURCE PERMITS	PERMIT	1968
AIR NEW SOURCE PERMITS	PERMIT	2597
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	PERMIT	3177
AIR NEW SOURCE PERMITS	PERMIT	3214
AIR NEW SOURCE PERMITS	PERMIT	3215
AIR NEW SOURCE PERMITS	PERMIT	3217
AIR NEW SOURCE PERMITS	PERMIT	3218
AIR NEW SOURCE PERMITS	PERMIT	3219
AIR NEW SOURCE PERMITS	PERMIT	3985A
AIR NEW SOURCE PERMITS	PERMIT	4256
AIR NEW SOURCE PERMITS	PERMIT	4406
AIR NEW SOURCE PERMITS	PERMIT	4596
AIR NEW SOURCE PERMITS	PERMIT	4933
AIR NEW SOURCE PERMITS	PERMIT	41920
AIR NEW SOURCE PERMITS	PERMIT	42191

AIR NEW SOURCE PERMITS	PERMIT	41875
AIR NEW SOURCE PERMITS	PERMIT	42221
AIR NEW SOURCE PERMITS	PERMIT	42573
AIR NEW SOURCE PERMITS	PERMIT	42512
AIR NEW SOURCE PERMITS	PERMIT	43605
AIR NEW SOURCE PERMITS	PERMIT	42118
AIR NEW SOURCE PERMITS	PERMIT	44820
AIR NEW SOURCE PERMITS	PERMIT	45654
AIR NEW SOURCE PERMITS	PERMIT	45653
AIR NEW SOURCE PERMITS	PERMIT	45652
AIR NEW SOURCE PERMITS	PERMIT	45944
AIR NEW SOURCE PERMITS	PERMIT	46535
AIR NEW SOURCE PERMITS	PERMIT	47575
AIR NEW SOURCE PERMITS	PERMIT	50052
AIR NEW SOURCE PERMITS	REGISTRATION	79604
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID	TXD067285973
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
UNDERGROUND INJECTION CONTROL	PERMIT	WDW172
UNDERGROUND INJECTION CONTROL	PERMIT	WDW173
PETROLEUM STORAGE TANK STAGE II	REGISTRATION	32780
WATER LICENSING	LICENSE	1010320
WASTEWATER LICENSING	LICENSE	WQ0000402000
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1013348
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	6001443
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1010320
IHW CORRECTIVE ACTION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE COMPLIANCE PLANS	PERMIT	50099
PETROLEUM STORAGE TANK REGISTRATION	REGISTRATION	32780

Location: 5900 HIGHWAY 225, DEER PARK, TX, 77536 Rating Date: 9/1/2005 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: August 14, 2006

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: August 14, 2001 to August 14, 2006

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name: Nadia Hameed Phone: 713-767-3629

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? Yes
3. If Yes, who is the current owner?
   Shell Deer Park Refining Company
   Shell Chemical LP
   Shell Oil Company
   Deer Park Refining Limited Partnership
4. if Yes, who was/were the prior owner(s)?
   Resolution Performance Products, LLC
   Shell Oil Company
   Equilon Enterprises LLC
5. When did the change(s) in ownership occur?
   12/03/2002
   06/04/2004

Components (Multimedia) for the Site :

A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.

Effective Date: 6/12/2003 ADMINORDER 2002-0478-AIR-E
Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
40 CFR Part 61, Subpart V 61.242-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 4 PERMIT
Description: Failure to install redundant valves or end caps on open ended lines.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(d)(1)(i)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to adjust monitoring schedule to monthly from quarterly when leak rate exceeds 2%.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Part 63, Subpart G 63.114(a)(1)(ii)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 2 PERMIT
Description: Failure to install a temperature monitoring device in the gas stream immediately before and after the catalyst bed.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 8(A) PERMIT
Description: Failure to operate incinerator H9200 at a VOC outlet concentration of less than 20 ppmv.

Effective Date: 09/26/2004 ADMINORDER 2004-0101-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.7(a)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.116(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to conduct flare performance testing in accordance with 40 CFR 63.11 within 180 days of startup or rule applicability.

Effective Date: 02/20/2006 ADMINORDER 2005-0765-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.721(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to obtain control emissions from an emissions event that occurred on December 21, 2000 at the Coker Unit.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)

30 TAC Chapter 101, SubChapter F 101.201(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit a complete final report for a reportable emissions event which occurred at the Coker Unit on December 21, 2000.

Effective Date: 05/12/2006 ADMINORDER 2005-1614-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to report the December 25, 2004 emissions event within 24 hours of discovery.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No 3214, Gen Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 241 lbs of 1, 3-Butadiene, 322 lbs of Butene, 1,299 lbs of Pentane, 2,182 lbs of Ethylene, 68 lbs of Benzene and 1,018 lbs of Propylene during a 10 hour and 30 minute emissions event that occurred on December 25, 2004 in the OP3 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: General Condition #8 PERMIT
Description: Failed to prevent unauthorized emissions of 686 lbs of 1, 3-Butadiene, 949 lbs of Butene, 1,299 lbs of Pentane, 4,059 lbs of Ethylene and 2,044 lbs of Propylene during a 23 minute emissions event that occurred on February 17, 2005 in the Olefins No. 3 Unit ("OP3").

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Max. Allow. Em. Rate Ta PERMIT
Description: Failed to prevent unauthorized emissions of 1847.7 lbs of Ethylene, 680.70 lbs of Carbon Monoxide, and 87.3 lbs of Nitrogen Monoxide during a 3-hour emissions event that occurred on February 24, 2005 at the Acetylene Converters in the Olefins #2 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Gen. Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 404 lbs of volatile organic compounds ("VOC") in one hour on January 13, 2005 in the OP2 Unit Elevated Flare. Specifically, 868 lbs of VOCs were released and the VOC maximum allowable emission rate for the flare is 464 lbs per hour.

Effective Date: 02/20/2006 ADMINORDER 2005-0734-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent a power outage at Switchback 6B13 which resulted in unauthorized emissions from the HIPA Flare, HIPA Vent, Benji Vent (PC5500A), and Relief Valves RV0624, RV3033B, and RV0298 on May 9, 2004. Category A.11.i(6).

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain the ratio of hydrogen to acetylene in the converter resulting in the flaring of off-specification product resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on June 17, 2004.

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC #1 PERMIT
Description: Failed to prevent the lifting of Relief Valve RV3033B on the fat acid storage tank (T-75B) on June 27, 2004 which resulted in unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain steam pressure on the Olefins 2 Unit and operated the Propylene Refrigerator Compressor with a faulty suction/pressure indicating controller resulting in the flaring of off-specification products at the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on September 13, 2004.

Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: NSR Permit #3173, Special Condition #1 PA
Description: Failed to comply with the maximum allowable emission rates for carbon monoxide, volatile organic compounds ("VOC"), and nitrogen oxides and varied from permit representations for VOC emissions from the IPA Purge Line on September 6, 2004

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also Permit No. 3219, Gen. Condition 8 PERMIT
Description: Failed to control the ammonia concentration in the sour hydrogen feed resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on May 22, 2004. Category A.11.i(6).

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit initial notification of a reportable emissions event at the Isopropyl Alcohol (IPA) Unit which occurred on September 6, 2004 within 24 hours of discovery.

Effective Date: 08/20/2005 ADMINORDER 2004-0867-IHW-E

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(11)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.103(c)

Description: Failure to conduct compliance testing for the PHenol-3 BIF and submit recertification of compliance within three years of the previous certification.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(14)
Description: Failure to cease the burning of waste in the Phenol-3 BIF on October 12, 2003.

Effective Date: 08/30/2004 ADMINORDER 2003-1321-AIR-E

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: MAERT PERMIT
Description: Failed to comply with the permitted limit established in the MAERT of Air Permit No. 9334 for benzene. Specifically, Shell failed to prevent the unauthorized emission of benzene at the ACU Tank Farm, Tank D-371, for a period of 58 minutes on April 28, 2003. The permitted benzene limit for Tank D-371 is 0.45 lbs/hour.

See addendum for information regarding federal actions.

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

N/A

D. The approval dates of investigations. (CCEDS Inv. Track. No.)

1 09/20/2001 (IE0000485016001)
2 02/22/2002 (157682)
3 08/31/2002 (9511)
4 08/31/2002 (9388)
5 06/26/2003 (60695)
6 02/24/2003 (157683)
7 04/26/2002 (157741)
8 12/19/2002 (13703)
9 04/29/2003 (157742)
10 02/10/2003 (157684)
11 03/25/2002 (157686)
12 03/25/2003 (157687)
13 08/05/2005 (341201)
14 07/14/2006 (467608)
15 01/13/2003 (246531)
16 02/20/2003 (10139)
17 05/29/2002 (157745)
18 10/15/2002 (5839)
19 05/27/2003 (157746)
20 10/04/2004 (352006)
21 08/16/2004 (279252)
22 10/22/2003 (249626)
23 07/31/2006 (482753)

24	02/23/2005	(371820)
25	09/25/2003	(295217)
26	07/26/2006	(487301)
27	02/27/2006	(457162)
28	11/28/2005	(437043)
29	04/24/2006	(449499)
30	01/06/2005	(344370)
31	10/04/2005	(405964)
32	05/09/2005	(378729)
33	05/26/2006	(460174)
34	10/18/2004	(335028)
35	08/11/2004	(288458)
36	06/30/2006	(463111)
37	06/28/2005	(394944)
38	06/27/2002	(157749)
39	10/20/2004	(352007)
40	01/24/2006	(451885)
41	08/31/2002	(10160)
42	08/29/2002	(8058)
43	10/10/2005	(406428)
44	06/09/2004	(272409)
45	06/30/2006	(466561)
46	04/25/2006	(449838)
47	08/11/2004	(288745)
48	08/19/2002	(7668)
49	10/23/2003	(295219)
50	01/04/2004	(251319)
51	06/25/2003	(157750)
52	03/20/2006	(431859)
53	01/26/2005	(342583)
54	04/22/2002	(157692)
55	08/31/2002	(9479)
56	10/05/2005	(407310)
57	04/23/2003	(157693)
58	08/31/2002	(10241)
59	07/11/2006	(482755)
60	08/31/2002	(10071)
61	08/24/2002	(4890)
62	07/23/2003	(284079)
63	12/28/2004	(290091)
64	11/21/2003	(295220)
65	07/25/2002	(157753)
66	02/27/2006	(456661)
67	04/03/2003	(19124)
68	11/23/2004	(352008)
69	01/02/2004	(257380)
70	05/03/2005	(373899)
71	02/28/2006	(457143)
72	05/25/2005	(380203)
73	08/20/2001	(157755)
74	01/25/2006	(453221)
75	05/26/2006	(460095)
76	08/23/2005	(401945)
77	12/17/2003	(295221)
78	08/16/2002	(157756)
79	05/17/2006	(461235)
80	06/23/2006	(467537)
81	01/09/2005	(289381)
82	05/10/2006	(266908)
83	08/02/2002	(4405)

84	12/27/2004	(352009)
85	08/31/2002	(9298)
86	05/28/2002	(157696)
87	09/28/2005	(431096)
88	03/28/2006	(405965)
89	04/29/2005	(344372)
90	09/21/2001	(157758)
91	05/26/2006	(460156)
92	05/22/2003	(157697)
93	11/22/2004	(285617)
94	01/26/2004	(295222)
95	06/28/2003	(33595)
96	01/31/2005	(342585)
97	08/31/2004	(272715)
98	11/04/2005	(431796)
99	08/21/2002	(8730)
100	09/27/2002	(157759)
101	12/08/2005	(418800)
102	01/14/2004	(254260)
103	08/22/2005	(400922)
104	10/05/2005	(406803)
105	08/31/2002	(9698)
106	07/10/2006	(482757)
107	08/16/2005	(404329)
108	02/27/2004	(295223)
109	10/26/2001	(157761)
110	02/25/2006	(456944)
111	07/28/2005	(379300)
112	04/22/2005	(419640)
113	01/10/2003	(20830)
114	08/11/2004	(287418)
115	11/30/2003	(248256)
116	06/14/2006	(480612)
117	09/07/2004	(292099)
118	10/28/2002	(157762)
119	05/17/2006	(466235)
120	06/24/2002	(157700)
121	05/26/2004	(273578)
122	03/24/2004	(295225)
123	06/21/2005	(419641)
124	12/16/2005	(451110)
125	01/10/2005	(286434)
126	01/28/2004	(261052)
127	05/30/2006	(459416)
128	11/12/2004	(290146)
129	01/05/2005	(289527)
130	06/24/2003	(157701)
131	12/09/2002	(14114)
132	06/23/2004	(352010)
133	04/22/2005	(419642)
134	05/25/2004	(268601)
135	01/06/2005	(344373)
136	07/17/2002	(4842)
137	04/26/2006	(455005)
138	04/23/2004	(295226)
139	07/11/2006	(482760)
140	08/13/2002	(2149)
141	06/21/2005	(419643)
142	11/23/2001	(157765)
143	04/27/2006	(440023)

144	12/14/2004	(341177)
145	04/01/2005	(346780)
146	05/31/2006	(480622)
147	07/23/2002	(157704)
148	01/13/2002	(246530)
149	11/27/2002	(157766)
150	02/23/2006	(455872)
151	05/25/2004	(295228)
152	09/23/2005	(440775)
153	12/30/2004	(342431)
154	02/22/2005	(350798)
155	12/30/2004	(344374)
156	04/03/2006	(455004)
157	07/25/2003	(157705)
158	06/05/2003	(29924)
159	05/25/2004	(266874)
160	09/23/2005	(440776)
161	12/30/2004	(344491)
162	12/06/2002	(13895)
163	06/28/2006	(467525)
164	08/22/2001	(157707)
165	02/23/2004	(248995)
166	05/31/2006	(455293)
167	12/03/2002	(13971)
168	08/22/2002	(157708)
169	12/27/2001	(157769)
170	07/22/2004	(352011)
171	08/31/2004	(267451)
172	11/04/2005	(431865)
173	08/31/2002	(8665)
174	07/25/2003	(157709)
175	06/15/2006	(449850)
176	12/23/2002	(157770)
177	11/23/2005	(433921)
178	12/21/2004	(342546)
179	07/23/2003	(295231)
180	09/24/2001	(157711)
181	08/30/2005	(401403)
182	02/21/2006	(455170)
183	10/26/2005	(433389)
184	12/05/2004	(268602)
185	05/30/2006	(460198)
186	07/27/2006	(486448)
187	05/26/2006	(460637)
188	09/23/2002	(157712)
189	01/21/2004	(252556)
190	08/12/2003	(148558)
191	08/31/2002	(10222)
192	11/01/2001	(157713)
193	11/30/2005	(437117)
194	08/31/2002	(10117)
195	08/26/2003	(295233)
196	01/04/2005	(288475)
197	08/23/2004	(352012)
198	01/24/2002	(157773)
199	12/11/2004	(341292)
200	12/10/2004	(338725)
201	05/10/2006	(268067)
202	08/08/2006	(482747)
203	06/18/2004	(271341)

204	08/16/2004	(279239)
205	08/03/2005	(399624)
206	10/19/2001	(157715)
207	03/23/2006	(290016)
208	09/22/2004	(352013)
209	10/23/2002	(157716)
210	08/01/2002	(4773)
211	01/28/2003	(157774)
212	12/11/2004	(342406)
213	03/31/2004	(260311)
214	05/30/2003	(36614)
215	05/19/2004	(256196)
216	09/22/2003	(295235)
217	01/04/2005	(285114)
218	08/31/2004	(268068)
219	09/26/2002	(12173)
220	10/28/2003	(252341)
221	10/23/2002	(157718)
222	10/20/2004	(352014)
223	02/13/2003	(22044)
224	10/27/2003	(295237)
225	08/02/2005	(400361)
226	11/29/2004	(339553)
227	08/31/2002	(10030)
228	01/24/2003	(17948)
229	11/26/2001	(157720)
230	08/25/2005	(405926)
231	11/26/2003	(295238)
232	08/31/2002	(9860)
233	12/15/2004	(340217)
234	12/11/2004	(342558)
235	11/22/2004	(352015)
236	01/07/2005	(288436)
237	11/21/2002	(157721)
238	08/10/2005	(403710)
239	08/28/2002	(5059)
240	05/11/2003	(26340)
241	07/11/2006	(482407)
242	12/14/2004	(342547)
243	02/23/2006	(455897)
244	08/18/2005	(404406)
245	12/23/2003	(295239)
246	03/23/2005	(381809)
247	05/09/2003	(26339)
248	08/24/2002	(4888)
249	04/24/2006	(498125)
250	06/18/2004	(270854)
251	12/20/2004	(352016)
252	07/08/2002	(1368)
253	03/28/2005	(381810)
254	04/16/2004	(256199)
255	05/22/2006	(498126)
256	07/20/2005	(400891)
257	01/24/2005	(381811)
258	12/19/2001	(157724)
259	05/12/2006	(461088)
260	06/20/2006	(498127)
261	01/22/2004	(295240)
262	08/31/2002	(4913)
263	01/02/2004	(252698)

264	12/29/2004	(342425)
265	11/12/2004	(288819)
266	02/22/2005	(381812)
267	03/03/2006	(455540)
268	07/21/2005	(400399)
269	12/30/2002	(157725)
270	03/31/2003	(10812)
271	03/22/2005	(381813)
272	02/24/2006	(438342)
273	04/28/2006	(462216)
274	01/20/2005	(381814)
275	02/01/2005	(342419)
276	11/04/2002	(14763)
277	06/16/2003	(114383)
278	12/31/2002	(13462)
279	01/04/2005	(288902)
280	08/31/2002	(9964)
281	03/15/2006	(458469)
282	01/05/2005	(288541)
283	08/23/2003	(36650)
284	02/25/2006	(457085)
285	05/10/2003	(450832)
286	02/05/2003	(23703)
287	01/28/2002	(157728)
288	10/05/2005	(431097)
289	12/28/2004	(338893)
290	10/28/2005	(405406)
291	08/31/2002	(4915)
292	06/23/2006	(467329)
293	06/21/2006	(467546)
294	08/05/2005	(341194)
295	05/19/2004	(295206)
296	08/28/2002	(5060)
297	01/27/2003	(157729)
298	12/23/2002	(15106)
299	07/14/2004	(260134)
300	12/17/2002	(16626)
301	11/03/2005	(431819)
302	02/24/2003	(22731)
303	06/12/2006	(455296)
304	08/31/2002	(9758)
305	02/28/2006	(457152)
306	02/24/2006	(468329)
307	01/10/2005	(287676)
308	07/18/2005	(379933)
309	03/23/2006	(468330)
310	08/31/2002	(10403)
311	03/16/2004	(295208)
312	10/05/2005	(431095)
313	10/24/2005	(468331)
314	07/18/2005	(379934)
315	04/21/2004	(295209)
316	08/29/2003	(149848)
317	11/28/2005	(468332)
318	11/11/2004	(289756)
319	06/03/2004	(270210)
320	08/05/2005	(341195)
321	02/23/2004	(432673)
322	08/20/2001	(246533)
323	12/27/2005	(468333)

324 03/09/2006 (457675)
325 08/24/2004 (352003)
326 01/24/2006 (468334)
327 05/19/2004 (295211)
328 02/26/2002 (157733)
329 02/28/2003 (157734)
330 11/14/2005 (371956)
331 01/04/2005 (342600)
332 02/16/2006 (454090)
333 08/11/2004 (287399)
334 02/04/2002 (246532)
335 08/05/2005 (341198)
336 09/30/2004 (287575)
337 06/21/2004 (295213)
338 06/13/2006 (457735)
339 03/25/2002 (157736)
340 02/12/2003 (24287)
341 08/16/2005 (404327)
342 10/02/2002 (12436)
343 07/26/2004 (352004)
344 03/17/2006 (451544)
345 01/06/2005 (289146)
346 08/06/2003 (114294)
347 02/23/2006 (439108)
348 01/04/2005 (293105)
349 07/13/2005 (374690)
350 03/31/2003 (157737)
351 02/21/2006 (454835)
352 06/17/2005 (392662)
353 01/09/2003 (19750)
354 08/23/2005 (404915)
355 08/24/2004 (352005)
356 08/31/2004 (292677)
357 12/17/2004 (339115)
358 08/05/2005 (341200)
359 01/10/2005 (279219)

E. Written notices of violations (NOV). (CCEDS Inv. Track. No.)

Date: 01/31/2003 (157683)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 12/30/2004 (344491)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Failure to control emissions.

Date: 01/21/2004 (252556)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
Rqmt Prov: PERMIT IA
Description: Shell damaged the lube oil pump for the Recycle Gas Compr. Either possible root cause (failure to prime the pump or improperly installing the new motive screws) avoidably damaged those screws. Shell failed to control SO2 emissions during a startup activity.

Date: 12/14/2004 (340217)
Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(4)
30 TAC Chapter 305, SubChapter F 305.125(5)
TWC Chapter 26 26.121(a)(1)
Description: Failure to prevent the unauthorized discharge of untreated or partially treated process, sanitary, balast, and utility wastewaters through outfall 008. The permittee is authorized to discharge storm water and fire water only to outfall 008. See attached Table 1.

Date: 06/28/2006 (467525)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent overpressure of Secondary Debutanizer Column, V-613.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failed to identify the preconstruction authorization.

Date: 05/31/2002 (157749)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 08/31/2004 (272715)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to operate within the permit limits.

Date: 09/30/2004 (352007)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 09/30/2003 (295219)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/24/2003 (17948)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(10)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
Description: Failure to identify cause of the event and failure to comply with TCEQ Air Permit 3219.

Date: 12/30/2002 (13462)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to comply with permitted effluent limits for pH, Oil and Grease, TOC, and BOD.

Date: 01/07/2005 (288436)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 09/30/2001 (157761)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 11/30/2004 (352009)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 03/31/2005 (419640)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/13/2002 (246530)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 12/08/2005 (418800)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to maintain compliance with the effluent permit limits. Effluent violations were reported for ammonia-nitrogen at outfall 104 in 07/05 and for calcium, nickel and fecal coliform at outfall 001 in 03/05.

Date: 07/31/2005 (419643)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/14/2004 (254260)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT IA
Description: Main induced-draft fan on Boiler H-8610 shut down when governor seized due to dirty oil (inadequate attention to the status of the oil). The (large) boiler tripped on loss of the fan. Two olefin plants were shut down due to insufficient steam supply to the steam turbines driving the large critical compressors.

Date: 07/14/2006 (467608)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA
Description: Failure to prevent unauthorized emissions during decoking of furnace FOL170.

Date: 10/31/2001 (157765)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/09/2005 (289381)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 08/17/2005 (404327)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 110.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 150.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 180.

Date: 12/28/2004 (290091)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to avoid loss of cooling in the PRC surface condensate system.

Date: 06/20/2005 (395120)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent spill during tank heel transfer.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failure to submit an emissions event in a timely manner.

Date: 01/04/2005 (342600)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to control hydrate formation in the demethanizer column.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
Description: Failure to report emissions event in a timely manner.

Date: 04/30/2004 (295228)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 02/27/2006 (438342)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to control unauthorized emissions.

Date: 11/30/2001 (157769)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 08/31/2004 (267451)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent unauthorized emissions.

Date: 06/30/2004 (352011)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 10/10/2005 (406428)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to control emissions.

Date: 12/31/2001 (157773)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 07/13/2004 (260134)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to report an emissions event in a timely manner.

Date: 09/22/2004 (335028)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.46(m)
Description: Failure to maintain all pressure maintenance facilities and related appurtenances in a watertight condition.

Date: 02/23/2006 (439108)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 11/30/2003 (295239)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 06/15/2006 (457735)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent a leak from a line that was bent beyond its minimum flex radius creating a weak point that resulted in unauthorized emissions.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(c)

Description: Failure to submit a final record within two weeks of an emissions event.

Date: 12/31/2001 (157728)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 04/29/2005 (344372)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to control emissions.

Date: 12/31/2002 (157729)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 08/20/2001 (246533)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 05/17/2006 (461235)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.665(f)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(j)(7)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to record whether the pilot flame was continuously present during each hour for Flares OP2ELFLA and OP3ELFLA

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and OP3GRFLA.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Operation of Flares OP2ELFLA, OP3ELFLA and OP3GRFLA with visible emissions .

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Nine OELs in HT2; 2 OELs in CIPX

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: Failure to seal 18 OELs in IRU.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

Rqmt Prov: OP IA
PERMIT IA

Description: Failure to seal OELs in BD3.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: Furnaces FOL-601 and FOL-602 exceeded the permitted maximum hourly firing rates.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: The fuel gas used by Furnaces FOL601, FOL602, FOL603 and FOL604 exceeded the permitted maximum H2S concentration.

Date: 09/30/2005 (468331)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 04/04/2006 (455004)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA

Description: Failure to control unauthorized emissions for Incident #64365.

Date: 02/04/2002 (246532)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 11/22/2004 (285617)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to operate within the permit limits.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)

Description: Failure to indicate the air contaminants from the flare completely in the final report.

Date: 06/28/2003 (33595)

Self Report? NO Classification: Moderate

Citation: 5C THC Chapter 382, SubChapter A 382.085(a)

Description: Failed to prevent an emissions release by good design, operation, and maintenance practices.

Date: 05/11/2003 (26340)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

Description: Shell failed to prevent unauthorized emissions from an activity or event that could have been foreseen and avoided by good design, operation, and maintenance practices.

Date: 01/04/2004 (251319)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT IA

Description: Shell allowed 237 lbs of unauthorized emissions of mesityl oxide (a highly irritating ketone, which overflowed Tank T-40-16 due to an inaccurate level indicator and failure to respond to a high level alarm from the back up high level alarm system.

Date: 12/16/2002 (16626)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 290, SubChapter D 290.43(c)(1)

Description: Failure to protect the vent opening on the ground storage tank with a 16-mesh or finer corrosion resistant screen.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.42(e)(3)(D)

Description: Failure to provide scales for determining the amount of disinfectant used daily.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)

Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)

Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.

Date: 02/28/2002 (157736)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 05/31/2006 (455293)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to prevent an operator error resulting in unauthorized emissions.

Date: 12/30/2004 (344374)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA

Description: Failure to Control Emissions

F. Environmental audits.

Notice of Intent Date: 05/27/2003 (112481)

No DOV Associated

Notice of Intent Date: 06/13/2003 (251436)

No DOV Associated

Notice of Intent Date: 06/12/2003 (251440)

Disclosure Date: 09/04/2003

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B 115.116(a)[G]

Description: Failure to maintain and compile inspection reports that document all of the elements required by the applicable regulations.

Notice of Intent Date: 06/19/2003 (397860)
No DOV Associated

Notice of Intent Date: 08/12/2003 (251504)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251740)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251760)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263020)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263024)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263025)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263029)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263033)
Disclosure Date: 12/07/2004

Viol. Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter B 115.136(a)(1)

30 TAC Chapter 115, SubChapter B 115.136(a)(4)

Description: records not available for daily sampling/analysis results for vapor pressure of the wastewater streams procssed by the unit's API separator

Notice of Intent Date: 11/20/2003 (449697)
No DOV Associated

Notice of Intent Date: 10/28/2004 (263123)
No DOV Associated

Notice of Intent Date: 04/28/2003 (263686)
No DOV Associated

Notice of Intent Date: 02/26/2003 (263866)
No DOV Associated

Notice of Intent Date: 02/20/2004 (265126)
No DOV Associated

Notice of Intent Date: 12/20/2002 (265131)
Disclosure Date: 06/24/2003

Viol. Classification: Major
Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]

Description: Failed to authorize emissions from rail car cleaning.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.10[G]

Description: Failed to report emissions from EPN Carclean in emissions inventory.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.541[G]

Description: Failed to justify control efficiency of railcar cleaning CAS.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.546[G]

Description: Failed to keep records of CAS breakthrough monitoring.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.132(e)(4)(C)(iii)

Description: failed to submit compliance plan with application

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.541[G]

Description: failed to process tank cars with partial vapor pressure of >= 0.5 psia through properly operating control system
Notice of Intent Date: 02/26/2003 (29900)
No DOV Associated

Notice of Intent Date: 06/12/2001 (32699)
Disclosure Date: 11/13/2001

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20[G]

30 TAC Chapter 113, SubChapter C 113.120

40 CFR Part 63, Subpart G 63.114(d)

Description: Two lines routed to a Group 1 process vent have bypass lines that do not have flow indicators nor are they secured in the non-diverting position with a car seal.
Notice of Intent Date: 08/20/2001 (32762)
Disclosure Date: 09/14/2001

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)

30 TAC Chapter 116, SubChapter B 116.115(b)(2)[G]

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF
61.356(i)(1)
40 CFR Part 63, Subpart G 63.118(a)

Description: Failure to maintain complete and continuous recording of pilot flame presence for the ground flare and elevated flares.
Notice of Intent Date: 09/26/2001 (32825)
No DOV Associated

Notice of Intent Date: 11/19/2001 (32880)
No DOV Associated

Notice of Intent Date: 01/18/2002 (32901)
Disclosure Date: 02/08/2002

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.663(b)(1)

40 CFR Part 60, Subpart NNN 60.665(d)

40 CFR Part 60, Subpart NNN 60.665(f)

40 CFR Part 60, Subpart NNN 60.665(m)

Description: Failure to acquire approval to waive the requirements of a continuous pilot flame recorder for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.663(b)(2)

40 CFR Part 60, Subpart NNN 60.665(d)

40 CFR Part 60, Subpart NNN 60.665(m)

Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.665(l)(1)

40 CFR Part 60, Subpart NNN 60.665(l)(2)

40 CFR Part 60, Subpart NNN 60.665(l)(4)

40 CFR Part 60, Subpart NNN 60.665(m)

40 CFR Part 60, Subpart NNN 60.665(p)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7[G]

Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FINID numbers IRUFLR and TRUFLRG.

Notice of Intent Date: 01/12/2003 (32908)
No DOV Associated

Notice of Intent Date: 03/01/2002 (32928)
No DOV Associated

Notice of Intent Date: 03/19/2002 (32937)
No DOV Associated

Notice of Intent Date: 04/12/2002 (32949)
No DOV Associated.

Notice of Intent Date: 05/30/2002 (32974)
No DOV Associated

Notice of Intent Date: 06/26/2002 (32979)
No DOV Associated

Notice of Intent Date: 08/19/2002 (33022)
No DOV Associated

Notice of Intent Date: 09/04/2002 (33051)
No DOV Associated

Notice of Intent Date: 09/16/2002 (33069)
No DOV Associated

Notice of Intent Date: 10/29/2002 (33101)
No DOV Associated

Notice of Intent Date: 11/20/2002 (33116)
No DOV Associated

Notice of Intent Date: 08/06/2004 (334038)
Disclosure Date: 10/12/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1) Req Prpv: PERMITCompliance b. Operational Requirements 1

PERMITGeneral b.

Description: noncompliance with requirement to maintain all facilities and systems of treatment and control (and related appurtenances)

Notice of Intent Date: 08/06/2004 (334047)
Disclosure Date: 08/26/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter A; 40 CFR Chapter 261, SubChapter I, PT 261, SubPT A
Description: Failure to characterize a process water stream from a leaking economizer, which contained K022 waste.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter C; 30 TAC Chapter 335, SubChapter R; 409 CFR Chapter 262, SubChapter I, PT 262, SubF
Description: Failure to characterize wastewater treatment plant residues carrying the K022 waste code.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter A
Description: of K022 WWTP residual solids at a Class 1 non-hazardous waste landfill.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter D
Description: amend RCRA permit to reflect management of K022 waste.

Viol. Classification: Moderate

Citation: Permit 1. General b.
Description: discharge of process water to storm water impoundment basins.

Notice of Intent Date: 08/27/2004 (334576)
No DOV Associated

Notice of Intent Date: 07/16/2002 (33993)
No DOV Associated

Notice of Intent Date: 10/12/2004 (349555)
No DOV Associated

Notice of Intent Date: 11/11/2004 (349565)
No DOV Associated

Notice of Intent Date: 01/04/2005 (349867)

Disclosure Date: 06/17/2005

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.320
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(d)(5)

Description: documentation was not readily available to fully demonstrate that a formal refinery maximum achievable control technology applicability determination (ie >5% HAPS) had been made for equipment in light crude service

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(1)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(3)

Description: one New Source Performance Standard (NSPS) notification for Start of Construction and Start of Operation for the CGHT unit could not be located

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(a)(3)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(b)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(4)

Description: documentation was not readily available to fully demonstrate that the process to determine if a project triggered NSPS "Modification" was being completed for NSPS Subpart GGG compliance

Viol. Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.10(b)[G]
30 TAC Chapter 101, SubChapter A 101.10(c)
30 TAC Chapter 101, SubChapter A 101.10(d)
30 TAC Chapter 101, SubChapter A 101.10(e)
40 CFR Chapter 372, SubChapter J, PT 372, SubPT B 372.30(a)

Description: emissions from fueling of vehicles in the Deer Park Refinery were not included in emissions inventories as required

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.10(d)(5)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.6(e)(3)(i)

Description: documentation was not readily available to demonstrate the development of a formal startup, shutdown, and malfunction plan (SSMP), and to document that when appropriate, a semi-annual report was submitted

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.320
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.640(l)(3)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(f)(1)(ii)

Description: documentation was not readily available to fully demonstrate the group 1 or group 2 applicability determination for miscellaneous process vents

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.110
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(4)(i)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(6)

Description: although monthly monitoring of cooling water return to the HON SWT was conducted and no leaks were detected, it is unclear whether there was complete compliance wiht HON requirements

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(a)(1)(i)(A)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(h)

Description: annual LDAR instrument monitoring of CPI and IGF benzene wastewater equipment had not been performed as required by benzene waste NESHAP regulations

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(a)(1)(i)(A)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(b)

Description: periodic visual inspection of the CPI and IGF benzene wastewater equipment to ensure access hatches and other openings are properly closed and gasketed had not been performed as required by the benzene waste NESHAP regulations

Notice of Intent Date: 01/06/2005 (349868)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350720)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350721)
Disclosure Date: 03/23/2005

Viol. Classification: Moderate

Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(b)[G]
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(c)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(d)

Description: failed to meet requirements for maintenance/start-up/shutdown related activities

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.110

Description: incorporation by reference of 40 CFR 63 Subpart F (SOCMI MACT standard)

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.120

Description: incorporation by reference of 40 CFR 63 Subpart G (SOCMI for Process Vents, Storage Vessels, Transfer Operations, and Wastewater MACT standard)

Notice of Intent Date: 01/27/2005 (350723)
Disclosure Date: 07/06/2005

Viol. Classification: Moderate

Citation: 40 CFR Chapter 262, SubChapter I, PT 262, SubPT C 262.34[G]
30 TAC Chapter 335, SubChapter C 335.69[G]

Description: Equipment associated with a decommissioned cumene unit in the Phenol Acetone Production Areas was not properly decontaminated when shut down in 2001. Process vessels, pumps, exchangers, and piping contain material that meets the definition of a characteristically hazardous waste (D002, D018).

Notice of Intent Date: 01/05/2005 (371573)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375030)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375031)
Disclosure Date: 07/14/2005

Viol. Classification: Minor
Req Prpv: PERMITAir New Source Permit No. 9334 SC 10.D
Description: no notification 30 days in advance of 11/04 seal gap measurement for Aromatics EFR tank G-359

Viol. Classification: Minor
Req Prpv: PERMITAir New Source Permits
Description: no notification 30 days in advance of refilling of Solvents IFR tank T140B, Phenol Acetone IFR tank D391, Solvents IFR tank F337

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C 113.120
Req Prpv: PERMITPermit 9334 Special Condition 10D

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G
63.120(a)(3)(iii)
PERMITPermit 9334 Special Condition 10D
Description: no 10 yr internal seal inspection of Aromatics IFR tank F-361

Notice of Intent Date: 04/15/2005 (380864)
No DOV Associated

Notice of Intent Date: 05/18/2005 (396476)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434090)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434095)
No DOV Associated

Notice of Intent Date: 11/04/2005 (438422)
No DOV Associated

Notice of Intent Date: 12/02/2005 (451075)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452942)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452952)
No DOV Associated

Notice of Intent Date: 04/16/2006 (463688)
No DOV Associated

Notice of Intent Date: 05/22/2006 (454159)
No DOV Associated

G. Type of environmental management systems (EMSs).

Non 30 TAC CH 90 Certified, ISO 14001:2004, installed 1/12/2005, certified 1/19/2006

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

Type	Tier	Certification Date
CLEAN TEXAS	PARTNERSHIP	12/20/2004

J. Early compliance.

N/A

Sites Outside of Texas

N/A

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	MOTIVA ENTERPRISES, LLC.	CUSTOMER NO.:	CN600124051
REGULATED ENTITY:	SHELL OIL DEER PARK	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 HWY. 225		
REG. ENTITY CITY:	DEER PARK		

Violations

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	CAA
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	112
CASE RESULT:	Final Order With Penalty	CITATION:	40CFR
		CITE PART:	61
		CITE SECT.:	342(C)
		PROGRAM:	NESHAPs
		VIOLATION TYPE:	Nat. Emis. Standard - Haz. Air Pollutant

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	
CASE RESULT:	Final Order With Penalty	CITATION:	40CFR
		CITE PART:	61
		CITE SECT.:	357
		PROGRAM:	
		VIOLATION TYPE:	Violations Of Reporting Requirements

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	
CASE RESULT:	Final Order With Penalty	CITATION:	
		CITE PART:	
		CITE SECT.:	
		PROGRAM:	
		VIOLATION TYPE:	Air Emissions not otherwise specified

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	
CASE RESULT:	Final Order With Penalty	CITATION:	
		CITE PART:	
		CITE SECT.:	
		PROGRAM:	
		VIOLATION TYPE:	Refinery Fuel Gas

EPA CASE NO.:	06-2000-1232	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20010820	STATUTE:	
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	SECT. OF STATUTE:	
CASE RESULT:	Final Order With Penalty	CITATION:	
		CITE PART:	
		CITE SECT.:	
		PROGRAM:	
		VIOLATION TYPE:	UST Leak Detection and Repair

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	Shell Chemical Company	CUSTOMER NO.:	CN601405145
REGULATED ENTITY:	Shell Chemical Company Deer Park	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 Hwy 225		
REG. ENTITY CITY:	Deer Park		

Violations

EPA CASE NO.:	06-1998-0547	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20011015	STATUTE: CAA	SECT. OF STATUTE: 112R
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	CITE PART: CITE SECT:
CASE RESULT:	Final Order With Penalty	PROGRAM:	NESHAPs
		VIOLATION TYPE:	Other/Miscellaneous

Penalty Calculation Worksheet (PCW)

Policy Revision 2 (September 2002) — PCW Revision April 25, 2006

TCEQ

DATES					
Assigned	09-Oct-2006				
PCW	22-Jan-2008	Screening	20-Oct-2006	EPA Due	17-Jul-2007

RESPONDENT/FACILITY INFORMATION

Respondent	Shell Chemical LP		
Reg. Ent. Ref. No.	RN100211879		
Facility/Site Region	12-Houston	Major/Minor Source	Major Source

CASE INFORMATION

Enf./Case ID No.	28867	No. of Violations	3
Docket No.	2006-0328-MLM-E	Order Type	Findings
Media Program(s)	Air Quality	Enf. Coordinator	Trina Grieco
Multi-Media		EC's Team	Enforcement Team 5
Admin. Penalty $ Limit	Minimum $0	Maximum	$10,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) — Subtotal 1: $5,100

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History — 302% Enhancement — Subtotals 2, 3, & 7: $15,402

Notes: The penalty was enhanced by 32 NOVs for the same or similar violations, 28 NOVs for unrelated violations, two findings orders, five 1660-style orders, and one court order. The penalty was reduced by 57 Notices of Audit, 11 Disclosures of Violations, an environmental management system in place for one year or more, and participation in a voluntary pollution reduction program.

Culpability — No — 0% Enhancement — Subtotal 4: $0

Notes: The Respondent does not meet the culpability criteria.

Good Faith Effort to Comply — 0% Reduction — Subtotal 5: $0

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary		
N/A	x	*(mark with a small x)*

Notes: The Respondent does not meet the good faith effort criteria.

Economic Benefit — 0% Enhancement* — Subtotal 6: $0

*Capped at the Total EB $ Amount

Total EB Amounts	$120
Approx. Cost of Compliance	$3,250

SUM OF SUBTOTALS 1-7 — Final Subtotal: $20,502

OTHER FACTORS AS JUSTICE MAY REQUIRE — Adjustment: $0

Reduces or enhances the Final Subtotal by the indicated percentage. *(Enter number only; e.g. -30 for -30%.)*

Notes:

Final Penalty Amount: $20,502

STATUTORY LIMIT ADJUSTMENT — Final Assessed Penalty: $20,452

DEFERRAL — 0% Reduction — Adjustment: $0

Reduces the Final Assessed Penalty by the indicted percentage. *(Enter number only; e.g. 20 for 20% reduction.)*

Notes: No deferral, as this is a findings order.

PAYABLE PENALTY $20,452

PCW 8

Screening Date 20-Oct-2006 **Docket No.** 2006-0328-MLM-E **PCW**
Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*
Case ID No. 28867 *PCW Revision April 25, 2006*
Reg. Ent. Reference No. RN100211879
Media [Statute] Air Quality
Enf. Coordinator Trina Grieco

Compliance History Worksheet

>> Compliance History *Site* Enhancement (Subtotal 2)

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action *(number of NOVs meeting criteria)*	32	160%
	Other written NOVs	28	56%
Orders	Any agreed final enforcement orders containing a denial of liability *(number of orders meeting criteria)*	5	100%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	2	50%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government *(number of judgements or consent decrees meeting criteria)*	1	30%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government *(number of counts)*	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which notices were*	57	-57%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which violations were disclosed)*	11	-22%
		Please Enter Yes or No	
Other	Environmental management systems in place for one year or more	Yes	-10%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	Yes	-5%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) **302%**

>> Repeat Violator (Subtotal 3)

No ***Adjustment Percentage (Subtotal 3)*** **0%**

>> Compliance History *Person* Classification (Subtotal 7)

Average Performer ***Adjustment Percentage (Subtotal 7)*** **0%**

>> Compliance History Summary

Compliance History Notes

The penalty was enhanced by 32 NOVs for the same or similar violations, 28 NOVs for unrelated violations, two findings orders, five 1660-style orders, and one court order. The penalty was reduced by 57 Notices of Audit, 11 Disclosures of Violations, an environmental management system in place for one year or more, and participation in a voluntary pollution reduction program.

Total Adjustment Percentage (Subtotals 2, 3, & 7) **302%**

Screening Date 20-Oct-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision April 25, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number 1

Primary Rule Cite(s)	30 Tex. Admin. Code §§ 101.20(3), 116.115(b)(2)(F) and Permit No. 3219/ PSD-TX-974, General Condition No. 8
Secondary Rule Cite(s)	Tex. Health and Safety Code § 382.085(b)
Violation Description	Failed to comply with the permitted emission limits of 287 pounds per hour ("lbs/hr") of carbon monoxide, 40 lbs/hr of nitrogen oxides, and 464 lbs/hr of Volatile Organic Compounds (VOCs). Unauthorized emissions of 150 pounds ("lbs") of 1,3 butadiene, 570 lbs of propylene, 615 lbs of other VOCs, 1,059 lbs of carbon monoxide, and 150 lbs of nitrogen oxides were released from the OP2, OP3 Elevated Flares, and the OP3 Ground Flares. The event occurred on June 23, 2006 and lasted for 2 hours. Since the emissions event was avoidable, Shell failed to meet the demonstrations for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> Environmental, Property and Human Health Matrix

	Harm		
Release	Major	Moderate	Minor
Actual			x
Potential			

OR

Percent 25%

>> Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: Human health or the environment has been exposed to insignificant amounts of pollutants which do not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment -$7,500

Base Penalty Subtotal $2,500

Violation Events

Number of Violation Events 1 — 1 Number of violation days

mark only one use a small x

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $2,500

One single event is recommended.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount $27

Violation Final Penalty Total $10,050

This violation Final Assessed Penalty (adjusted for limits) $10,000

Economic Benefit Worksheet

Respondent: Shell Chemical LP
Case ID No.: 28867
Reg. Ent. Reference No.: RN100211879
Media [Statute]: Air Quality
Violation No.: 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$1,500	23-Jun-2006	30-Oct-2006	0.4	$27	n/a	$27
Notes for DELAYED costs	Estimated costs to improve the procedures, equipment, and communications that contributed to the emissions event. Date required is the date of the emissions event. Final date is the date of compliance.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance: $1,500

TOTAL: $27

Screening Date 20-Oct-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision April 25, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number 2

Primary Rule Cite(s)	30 Tex. Admin. Code § 116.115(c) and Permit No. 3173, Special Condition No. 1
Secondary Rule Cite(s)	Tex. Health and Safety Code § 382.085(b)
Violation Description	Failed to comply with the permitted emission limits of 0.42 pounds per hour ("lbs/hr") of Volatile Organic Compounds (VOCs). Unauthorized emissions of 26.56 pounds ("lbs") of 2-methyl-2-pentene, 6.64 lbs of 2-methyl-pentane, 6.64 lbs of isopropyl alcohol, and 6,599.17 lbs of isopropyl ether were released from Tank T-75A in the Oxygenated Solvents Unit. The event occurred from June 28, 2006 to July 17, 2006 and lasted a duration of 467 hours and 20 minutes. Since the emissions event was avoidable, Shell failed to meet the demonstrations for an affirmative defense in 30 Tex. Admin. Code § 101.222

Base Penalty $10,000

>> Environmental, Property and Human Health Matrix

Release	Harm: Major	Moderate	Minor
Actual			x
Potential			

OR

Percent 25%

>> Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent

Matrix Notes: Human health or the environment has been exposed to insignificant amounts of pollutants which do not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment -$7,500

Base Penalty Subtotal $2,500

Violation Events

Number of Violation Events: 1 — 19 Number of violation days

mark only one, use a small x:

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $2,500

One single event is recommended.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount $36

Violation Final Penalty Total $10,050

This violation Final Assessed Penalty (adjusted for limits) $10,050

Economic Benefit Worksheet

Respondent: Shell Chemical LP
Case ID No.: 28867
Reg. Ent. Reference No.: RN100211879
Media [Statute]: Air Quality
Violation No.: 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$1,500	28-Jun-2006	20-Dec-2006	0.5	$36	n/a	$36
Notes for DELAYED costs	Estimated costs to improve the procedures, equipment, and communications that contributed to the emissions event. Date required is the date of the emissions event. Final date is the date of compliance.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance: $1,500

TOTAL: $36

Screening Date 20-Oct-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision April 25, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number	3
Primary Rule Cite(s)	30 Tex. Admin. Code § 101.201(a)(1)
Secondary Rule Cite(s)	Tex. Health and Safety Code § 382.085(b)
Violation Description	Failure to submit an initial notification of an emissions event within the 24-hour period for the emissions event that occurred on June 28, 2006 at Tank T-75A.

Base Penalty $10,000

>> **Environmental, Property and Human Health Matrix**

Harm			
Release	Major	Moderate	Minor
Actual			
Potential			

OR

Percent

>> **Programmatic Matrix**

Falsification	Major	Moderate	Minor
			x

Percent 1%

Matrix Notes: At least 70% of the rule requirement was met.

Adjustment -$9,900

Base Penalty Subtotal $100

Violation Events

Number of Violation Events: 1 — 1 Number of violation days

mark only one use a small x	
daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $100

One single is recommended.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount $58 **Violation Final Penalty Total** $402

This violation Final Assessed Penalty (adjusted for limits) $402

Economic Benefit Worksheet

Respondent: Shell Chemical LP
Case ID No.: 28867
Reg. Ent. Reference No.: RN100211879
Media [Statute]: Air Quality
Violation No.: 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost (No commas or $)	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System	$200	29-Jun-2006	18-Apr-2007	0.8	$8	n/a	$8
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)				0.0	$0	n/a	$0
Notes for DELAYED costs	Estimated cost to improve recordkeeping and reporting procedures for emissions event notifications. Date required is the date the notification was due. Final date is the date the respondent is expected to return compliance.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)	$50	29-Jun-2006	29-Jun-2006	0.0	$0	$50	$50
Notes for AVOIDED costs	Estimated cost to submit initial notification of an emissions event report within the 24 hour period.						

Approx. Cost of Compliance: $250

TOTAL: $58

Compliance History

Customer/Respondent/Owner-Operator: CN601405145 Shell Chemical LP Classification: AVERAGE Rating: 2.84

Regulated Entity: RN100211879 SHELL OIL DEER PARK Classification: AVERAGE Site Rating: 4.75

ID Number(s):

AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0659W
AIR OPERATING PERMITS	PERMIT	1669
AIR OPERATING PERMITS	PERMIT	1668
AIR OPERATING PERMITS	PERMIT	1940
AIR OPERATING PERMITS	PERMIT	1941
AIR OPERATING PERMITS	PERMIT	1942
AIR OPERATING PERMITS	PERMIT	1943
AIR OPERATING PERMITS	PERMIT	1945
AIR OPERATING PERMITS	PERMIT	1946
AIR OPERATING PERMITS	PERMIT	1947
AIR OPERATING PERMITS	PERMIT	1948
AIR OPERATING PERMITS	PERMIT	2108
AIR OPERATING PERMITS	PERMIT	3179
WASTEWATER	PERMIT	WQ0000402000
WASTEWATER	PERMIT	TPDES0004863
WASTEWATER	PERMIT	TX0004863
WASTEWATER	PERMIT	WQ0000403000
WASTEWATER	PERMIT	TPDES0004871
AIR NEW SOURCE PERMITS	PERMIT	3180
AIR NEW SOURCE PERMITS	PERMIT	47405
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	947405W
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	REGISTRATION	54895
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	REGISTRATION	55312
AIR NEW SOURCE PERMITS	REGISTRATION	76382
AIR NEW SOURCE PERMITS	REGISTRATION	75524
AIR NEW SOURCE PERMITS	REGISTRATION	55717
AIR NEW SOURCE PERMITS	REGISTRATION	55730
AIR NEW SOURCE PERMITS	REGISTRATION	55869
AIR NEW SOURCE PERMITS	REGISTRATION	76315
AIR NEW SOURCE PERMITS	EPA ID	PSDTX815
AIR NEW SOURCE PERMITS	PERMIT	PSDTX974
AIR NEW SOURCE PERMITS	PERMIT	PSDTX961
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928M1
AIR NEW SOURCE PERMITS	PERMIT	48912
AIR NEW SOURCE PERMITS	PERMIT	56476
AIR NEW SOURCE PERMITS	PERMIT	56496
AIR NEW SOURCE PERMITS	PERMIT	70389
AIR NEW SOURCE PERMITS	PERMIT	70613
AIR NEW SOURCE PERMITS	PERMIT	70903
AIR NEW SOURCE PERMITS	REGISTRATION	70893
AIR NEW SOURCE PERMITS	PERMIT	71223
AIR NEW SOURCE PERMITS	PERMIT	PSDTX896
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928
AIR NEW SOURCE PERMITS	REGISTRATION	71567
AIR NEW SOURCE PERMITS	REGISTRATION	71682
AIR NEW SOURCE PERMITS	PERMIT	52089
AIR NEW SOURCE PERMITS	PERMIT	52088
AIR NEW SOURCE PERMITS	PERMIT	50388
AIR NEW SOURCE PERMITS	PERMIT	50423
AIR NEW SOURCE PERMITS	PERMIT	50548
AIR NEW SOURCE PERMITS	PERMIT	52565
AIR NEW SOURCE PERMITS	PERMIT	50815
AIR NEW SOURCE PERMITS	PERMIT	54061
AIR NEW SOURCE PERMITS	PERMIT	53138
AIR NEW SOURCE PERMITS	PERMIT	52476
AIR NEW SOURCE PERMITS	PERMIT	52477
AIR NEW SOURCE PERMITS	PERMIT	54701
AIR NEW SOURCE PERMITS	PERMIT	70612
AIR NEW SOURCE PERMITS	REGISTRATION	74572
AIR NEW SOURCE PERMITS	REGISTRATION	75045
AIR NEW SOURCE PERMITS	EPA ID	PSDTX974
AIR NEW SOURCE PERMITS	REGISTRATION	76699
AIR NEW SOURCE PERMITS	EPA ID	PSDTX896
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928M1
AIR NEW SOURCE PERMITS	EPA ID	PSDTX961
AIR NEW SOURCE PERMITS	REGISTRATION	77284
AIR NEW SOURCE PERMITS	REGISTRATION	77952

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AIR NEW SOURCE PERMITS	REGISTRATION	76265
AIR NEW SOURCE PERMITS	REGISTRATION	78624
AIR NEW SOURCE PERMITS	REGISTRATION	78816
AIR NEW SOURCE PERMITS	REGISTRATION	78839
AIR NEW SOURCE PERMITS	REGISTRATION	78864
AIR NEW SOURCE PERMITS	PERMIT	6949
AIR NEW SOURCE PERMITS	PERMIT	7855
AIR NEW SOURCE PERMITS	PERMIT	9856
AIR NEW SOURCE PERMITS	PERMIT	11177
AIR NEW SOURCE PERMITS	PERMIT	12152
AIR NEW SOURCE PERMITS	PERMIT	12537
AIR NEW SOURCE PERMITS	PERMIT	13373
AIR NEW SOURCE PERMITS	PERMIT	13713
AIR NEW SOURCE PERMITS	PERMIT	16429
AIR NEW SOURCE PERMITS	PERMIT	1119
AIR NEW SOURCE PERMITS	PERMIT	1120
AIR NEW SOURCE PERMITS	PERMIT	3178
AIR NEW SOURCE PERMITS	PERMIT	3179
AIR NEW SOURCE PERMITS	PERMIT	3216
AIR NEW SOURCE PERMITS	PERMIT	5801
AIR NEW SOURCE PERMITS	PERMIT	6791
AIR NEW SOURCE PERMITS	PERMIT	7621
AIR NEW SOURCE PERMITS	PERMIT	9334
AIR NEW SOURCE PERMITS	PERMIT	10888
AIR NEW SOURCE PERMITS	PERMIT	11096
AIR NEW SOURCE PERMITS	PERMIT	11586
AIR NEW SOURCE PERMITS	PERMIT	12373
AIR NEW SOURCE PERMITS	PERMIT	12829
AIR NEW SOURCE PERMITS	PERMIT	13678
AIR NEW SOURCE PERMITS	PERMIT	15961
AIR NEW SOURCE PERMITS	PERMIT	8236
AIR NEW SOURCE PERMITS	PERMIT	9505
AIR NEW SOURCE PERMITS	PERMIT	15262
AIR NEW SOURCE PERMITS	PERMIT	15365
AIR NEW SOURCE PERMITS	PERMIT	15499
AIR NEW SOURCE PERMITS	PERMIT	15940
AIR NEW SOURCE PERMITS	PERMIT	18209
AIR NEW SOURCE PERMITS	PERMIT	18576
AIR NEW SOURCE PERMITS	PERMIT	18738
AIR NEW SOURCE PERMITS	PERMIT	18768
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	PERMIT	22038
AIR NEW SOURCE PERMITS	PERMIT	23273
AIR NEW SOURCE PERMITS	PERMIT	24096
AIR NEW SOURCE PERMITS	PERMIT	24874
AIR NEW SOURCE PERMITS	PERMIT	26368
AIR NEW SOURCE PERMITS	PERMIT	27598
AIR NEW SOURCE PERMITS	PERMIT	29597
AIR NEW SOURCE PERMITS	PERMIT	32282
AIR NEW SOURCE PERMITS	PERMIT	33524
AIR NEW SOURCE PERMITS	PERMIT	34230
AIR NEW SOURCE PERMITS	PERMIT	34358
AIR NEW SOURCE PERMITS	PERMIT	35243
AIR NEW SOURCE PERMITS	PERMIT	35608
AIR NEW SOURCE PERMITS	PERMIT	36226
AIR NEW SOURCE PERMITS	PERMIT	37206
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0659W
AIR NEW SOURCE PERMITS	AFS NUM	0039
AIR NEW SOURCE PERMITS	PERMIT	96
AIR NEW SOURCE PERMITS	PERMIT	97
AIR NEW SOURCE PERMITS	PERMIT	266
AIR NEW SOURCE PERMITS	PERMIT	747
AIR NEW SOURCE PERMITS	PERMIT	748
AIR NEW SOURCE PERMITS	PERMIT	920
AIR NEW SOURCE PERMITS	PERMIT	1920
AIR NEW SOURCE PERMITS	PERMIT	1968
AIR NEW SOURCE PERMITS	PERMIT	2597
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	PERMIT	3177
AIR NEW SOURCE PERMITS	PERMIT	3214
AIR NEW SOURCE PERMITS	PERMIT	3215
AIR NEW SOURCE PERMITS	PERMIT	3217
AIR NEW SOURCE PERMITS	PERMIT	3218
AIR NEW SOURCE PERMITS	PERMIT	3219
AIR NEW SOURCE PERMITS	PERMIT	3985A
AIR NEW SOURCE PERMITS	PERMIT	4256
AIR NEW SOURCE PERMITS	PERMIT	4406

AIR NEW SOURCE PERMITS	PERMIT	4596
AIR NEW SOURCE PERMITS	PERMIT	4933
AIR NEW SOURCE PERMITS	PERMIT	41920
AIR NEW SOURCE PERMITS	PERMIT	41875
AIR NEW SOURCE PERMITS	PERMIT	42221
AIR NEW SOURCE PERMITS	PERMIT	42573
AIR NEW SOURCE PERMITS	PERMIT	42512
AIR NEW SOURCE PERMITS	PERMIT	43605
AIR NEW SOURCE PERMITS	PERMIT	42118
AIR NEW SOURCE PERMITS	PERMIT	44820
AIR NEW SOURCE PERMITS	PERMIT	45654
AIR NEW SOURCE PERMITS	PERMIT	45653
AIR NEW SOURCE PERMITS	PERMIT	45652
AIR NEW SOURCE PERMITS	PERMIT	45944
AIR NEW SOURCE PERMITS	PERMIT	46535
AIR NEW SOURCE PERMITS	PERMIT	47575
AIR NEW SOURCE PERMITS	PERMIT	50052
AIR NEW SOURCE PERMITS	REGISTRATION	79604
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID	TXD067285973
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
UNDERGROUND INJECTION CONTROL	PERMIT	WDW172
UNDERGROUND INJECTION CONTROL	PERMIT	WDW173
PETROLEUM STORAGE TANK STAGE II	REGISTRATION	32780
WATER LICENSING	LICENSE	1010320
WASTEWATER LICENSING	LICENSE	WQ0000402000
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1013348
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	6001443
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1010320
IHW CORRECTIVE ACTION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE COMPLIANCE PLANS	PERMIT	50099
PETROLEUM STORAGE TANK REGISTRATION	REGISTRATION	32780

Location: 5900 HIGHWAY 225, DEER PARK, TX, 77536 Rating Date: 9/1/2006 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: October 20, 2006

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: October 19, 2001 to October 19, 2006

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name: Trina Grieco Phone: (210) 403-4006

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? Yes
3. If Yes, who is the current owner?
   Shell Deer Park Refining Company
   Shell Chemical LP
   Shell Oil Company
   Deer Park Refining Limited Partnership
4. If Yes, who was/were the prior owner(s)?
   Resolution Performance Products, LLC
   Shell Oil Company
   Equilon Enterprises LLC
5. When did the change(s) in ownership occur?
   12/3/2002
   6/4/2004

Components (Multimedia) for the Site :

A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.

Effective Date: 06/12/2003 ADMINORDER 2002-0478-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
40 CFR Part 61, Subpart V 61.242-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 4 PERMIT
Description: Failure to install redundant valves or end caps on open ended lines.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(d)(1)(i)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to adjust monitoring schedule to monthly from quarterly when leak rate exceeds 2%.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Part 63, Subpart G 63.114(a)(1)(ii)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 2 PERMIT
Description: Failure to install a temperature monitoring device in the gas stream immediately before and after the catalyst bed.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 8(A) PERMIT
Description: Failure to operate incinerator H9200 at a VOC outlet concentration of less than 20 ppmv.

Effective Date: 09/26/2004 ADMINORDER 2004-0101-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.7(a)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.116(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to conduct flare performance testing in accordance with 40 CFR 63.11 within 180 days of startup or rule applicability.

Effective Date: 02/20/2006 ADMINORDER 2005-0765-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
~~30 TAC Chapter 116, SubChapter G 116.715(a)~~

30 TAC Chapter 116, SubChapter G 116.721(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to obtain control emissions from an emissions event that occurred on December 21, 2000 at the Coker Unit.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)

30 TAC Chapter 101, SubChapter F 101.201(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit a complete final report for a reportable emissions event which occurred at the Coker Unit on December 21, 2000.

Effective Date: 05/12/2006 ADMINORDER 2005-1614-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to report the December 25, 2004 emissions event within 24 hours of discovery.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No 3214, Gen Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 241 lbs of 1, 3-Butadiene, 322 lbs of Butene, 1,299 lbs of Pentane, 2,182 lbs of Ethylene, 68 lbs of Benzene and 1,018 lbs of Propylene during a 10 hour and 30 minute emissions event that occurred on December 25, 2004 in the OP3 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: General Condition #8 PERMIT
Description: Failed to prevent unauthorized emissions of 686 lbs of 1, 3-Butadiene, 949 lbs of Butene, 1,299 lbs of Pentane, 4,059 lbs of Ethylene and 2,044 lbs of Propylene during a 23 minute emissions event that occurred on February 17, 2005 in the Olefins No. 3 Unit ("OP3").

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Max. Allow. Em. Rate Ta PERMIT
Description: Failed to prevent unauthorized emissions of 1847.7 lbs of Ethylene, 680.70 lbs of Carbon Monoxide, and 87.3 lbs of Nitrogen Monoxide during a 3-hour emissions event that occurred on February 24, 2005 at the Acetylene Converters in the Olefins #2 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Gen. Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 404 lbs of volatile organic compounds ("VOC") in one hour on January 13, 2005 in the OP2 Unit Elevated Flare. Specifically, 868 lbs of VOCs were released and the VOC maximum allowable emission rate for the flare is 464 lbs per hour.

Effective Date: 02/20/2006 ADMINORDER 2005-0734-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent a power outage at Switchback 6B13 which resulted in unauthorized emissions from the HIPA Flare, HIPA Vent, Benji Vent (PC5500A), and Relief Valves RV0624, RV3033B, and RV0298 on May 9, 2004. Category A.11.i(6).

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT

Description: Failed to maintain the ratio of hydrogen to acetylene in the converter resulting in the flaring of off-specification product resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on June 17, 2004.

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC #1 PERMIT
Description: Failed to prevent the lifting of Relief Valve RV3033B on the fat acid storage tank (T-75B) on June 27, 2004 which resulted in unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT

Description: Failed to maintain steam pressure on the Olefins 2 Unit and operated the Propylene Refrigerator Compressor with a faulty suction/pressure indicating controller resulting in the flaring of off-specification products at the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on September 13, 2004.

Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: NSR Permit #3173, Special Condition #1 PA
Description: Failed to comply with the maximum allowable emission rates for carbon monoxide, volatile organic compounds ("VOC"), and nitrogen oxides and varied from permit representations for VOC emissions from the IPA Purge Line on September 6, 2004

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also Permit No. 3219, Gen. Condition 8 PERMIT
Description: Failed to control the ammonia concentration in the sour hydrogen feed resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on May 22, 2004. Category A.11.i(6).

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit initial notification of a reportable emissions event at the Isopropyl Alcohol (IPA) Unit which occurred on September 6, 2004 within 24 hours of discovery.

Effective Date: 08/20/2005 ADMINORDER 2004-0867-IHW-E

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(11)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.103(c)

Description: Failure to conduct compliance testing for the PHenol-3 BIF and submit recertification of compliance within three years of the previous certification.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(14)
Description: Failure to cease the burning of waste in the Phenol-3 BIF on October 12, 2003.

Effective Date: 08/29/2006 COURTORDER

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
30 TAC Chapter 101, SubChapter A 101.5

30 TAC Chapter 111, SubChapter B 111.201

Description: Shell caused, suffered, allowed the outdoor burning of low sulfur diesel fuel and heavy crude oil sludge in such concentration and of such duration to interfere with the normal use and enjoyment of property and caused a freeway closure.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
30 TAC Chapter 101, SubChapter A 101.5

30 TAC Chapter 111, SubChapter B 111.201

Description: Shell caused, suffered, allowed the outdoor burning of natural gas in such concentration and of such duration to interfere with the normal use and enjoyment of property and caused a freeway closure.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)

Rqmt Prov: mact rates PERMIT
Description: Exceeded maximum allowable emission rates for hydrogen sulfide.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
Description: Discharged approximately 327 pounds of unspeciated VOC resulting in air contaminants in such concentration and duration so as to interfere with the normal use and enjoyment of property in teh area.

Effective Date: 08/30/2004 ADMINORDER 2003-1321-AIR-E

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: MAERT PERMIT

Description: Failed to comply with the permitted limit established in the MAERT of Air Permit No. 9334 for benzene. Specifically, Shell failed to prevent the unauthorized emission of benzene at the ACU Tank Farm, Tank D-371, for a period of 58 minutes on April 28, 2003. The permitted benzene limit for Tank D-371 is 0.45 lbs/hour.

See addendum for information regarding federal actions.

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

N/A

D. The approval dates of investigations. (CCEDS Inv. Track. No.)

1 02/22/2002 (157682)
2 08/31/2002 (9511)
3 08/31/2002 (9388)
4 06/26/2003 (60695)
5 02/24/2003 (157683)
6 04/26/2002 (157741)
7 12/19/2002 (13703)
8 04/29/2003 (157742)
9 02/10/2003 (157684)
10 03/25/2002 (157686)
11 03/25/2003 (157687)
12 08/05/2005 (341201)
13 07/14/2006 (467608)
14 01/13/2003 (246531)
15 02/20/2003 (10139)
16 05/29/2002 (157745)
17 10/15/2002 (5839)
18 05/27/2003 (157746)
19 10/04/2004 (352006)
20 08/16/2004 (279252)
21 10/22/2003 (249626)
22 07/31/2006 (482753)
23 02/23/2005 (371820)
24 09/25/2003 (295217)
25 07/26/2006 (487301)
26 02/27/2006 (457162)
27 11/28/2005 (437043)
28 04/24/2006 (449499)
29 01/06/2005 (344370)
30 10/04/2005 (405964)
31 05/09/2005 (378729)
32 05/26/2006 (460174)
33 10/18/2004 (335028)
34 08/11/2004 (288458)
35 06/30/2006 (463111)
36 06/28/2005 (394944)
37 06/27/2002 (157749)
38 10/20/2004 (352007)
39 01/24/2006 (451885)
40 08/31/2002 (10160)
41 08/29/2002 (8058)
42 10/10/2005 (406428)
43 10/05/2006 (510021)
44 06/09/2004 (272409)
45 06/30/2006 (466561)
46 04/25/2006 (449838)
47 08/11/2004 (288745)
48 08/19/2002 (7668)
49 10/23/2003 (295219)
50 01/04/2004 (251319)
51 06/25/2003 (157750)
52 03/20/2006 (431859)
53 01/26/2005 (342583)
54 04/22/2002 (157692)
55 08/31/2002 (9479)
56 08/18/2006 (457259)
57 10/05/2005 (407310)
58 04/23/2003 (157693)
59 08/31/2002 (10241)
60 07/11/2006 (482755)
61 08/31/2002 (10071)
62 08/24/2002 (4890)
63 07/23/2003 (284079)
64 12/28/2004 (290091)

65	11/21/2003	(295220)
66	07/25/2002	(157753)
67	02/27/2006	(456661)
68	04/03/2003	(19124)
69	11/23/2004	(352008)
70	01/02/2004	(257380)
71	05/03/2005	(373899)
72	02/28/2006	(457143)
73	05/25/2005	(380203)
74	08/15/2005	(453221)
75	05/26/2006	(460095)
76	08/23/2005	(401945)
77	12/17/2003	(295221)
78	08/16/2002	(157756)
79	05/17/2006	(461235)
80	06/23/2006	(467537)
81	08/25/2006	(510170)
82	10/04/2006	(510017)
83	01/09/2005	(289381)
84	05/10/2006	(266908)
85	08/02/2002	(4405)
86	12/27/2004	(352009)
87	08/31/2002	(9298)
88	05/28/2002	(157696)
89	09/28/2005	(431096)
90	03/28/2006	(405965)
91	08/23/2006	(457432)
92	04/29/2005	(344372)
93	05/26/2006	(460156)
94	05/22/2003	(157697)
95	11/22/2004	(285617)
96	01/26/2004	(295222)
97	06/28/2003	(33595)
98	01/31/2005	(342585)
99	08/31/2004	(272715)
100	08/29/2006	(509957)
101	11/04/2005	(431796)
102	08/21/2002	(8730)
103	09/27/2002	(157759)
104	12/08/2005	(418800)
105	01/14/2004	(254260)
106	08/22/2005	(400922)
107	10/05/2005	(406803)
108	08/31/2002	(9698)
109	07/10/2006	(482757)
110	08/16/2005	(404329)
111	02/27/2004	(295223)
112	10/26/2001	(157761)
113	02/25/2006	(456944)
114	07/28/2005	(379300)
115	04/22/2005	(419640)
116	01/10/2003	(20830)
117	08/11/2004	(287418)
118	11/30/2003	(248256)
119	06/14/2006	(480612)
120	09/07/2004	(292099)
121	10/28/2002	(157762)
122	05/17/2006	(466235)
123	06/24/2002	(157700)
124	05/26/2004	(273578)
125	03/24/2004	(295225)
126	06/21/2005	(419641)
127	12/16/2005	(451110)
128	01/10/2005	(286434)
129	09/07/2006	(510326)
130	01/28/2004	(261052)
131	05/30/2006	(459416)
132	11/12/2004	(290146)
133	01/05/2005	(289527)
134	06/24/2003	(157701)
135	12/09/2002	(14114)
136	06/23/2004	(352010)
137	04/22/2005	(419642)
138	05/25/2004	(268601)
139	01/06/2005	(344373)
140	07/17/2002	(4842)
141	04/26/2006	(455005)
142	04/23/2004	(295226)
143	07/11/2006	(482760)

144	08/13/2002	(2149)
145	06/21/2005	(419643)
146	11/23/2001	(157765)
147	04/27/2006	(440023)
148	12/14/2004	(341177)
149	04/01/2005	(346780)
150	05/31/2006	(480622)
151	07/23/2002	(157704)
152	01/13/2002	(246530)
153	11/27/2002	(157766)
154	02/23/2006	(455872)
155	05/25/2004	(295228)
156	09/23/2005	(440775)
157	12/30/2004	(342431)
158	02/22/2005	(350798)
159	12/30/2004	(344374)
160	04/03/2006	(455004)
161	07/25/2003	(157705)
162	06/05/2003	(29924)
163	05/25/2004	(266874)
164	09/23/2005	(440776)
165	12/30/2004	(344491)
166	09/29/2006	(487313)
167	12/06/2002	(13895)
168	06/28/2006	(467525)
169	02/23/2004	(248995)
170	10/13/2006	(510023)
171	05/31/2006	(455293)
172	12/03/2002	(13971)
173	08/31/2006	(457283)
174	08/22/2002	(157708)
175	12/27/2001	(157769)
176	07/22/2004	(352011)
177	08/31/2004	(267451)
178	11/04/2005	(431865)
179	08/31/2002	(8665)
180	07/25/2003	(157709)
181	06/15/2006	(449850)
182	12/23/2002	(157770)
183	11/23/2005	(433921)
184	12/21/2004	(342546)
185	07/23/2003	(295231)
186	08/30/2005	(401403)
187	02/21/2006	(455170)
188	10/26/2005	(433389)
189	12/05/2004	(268602)
190	05/30/2006	(460198)
191	07/27/2006	(486448)
192	05/26/2006	(460637)
193	09/23/2002	(157712)
194	01/21/2004	(252556)
195	08/12/2003	(148558)
196	08/31/2002	(10222)
197	08/18/2006	(457480)
198	11/01/2001	(157713)
199	11/30/2005	(437117)
200	08/31/2002	(10117)
201	08/26/2003	(295233)
202	08/30/2006	(509636)
203	01/04/2005	(288475)
204	08/23/2004	(352012)
205	01/24/2002	(157773)
206	12/11/2004	(341292)
207	12/10/2004	(338725)
208	05/10/2006	(268067)
209	08/08/2006	(482747)
210	06/18/2004	(271341)
211	08/16/2004	(279239)
212	08/03/2005	(399624)
213	03/23/2006	(290016)
214	09/22/2004	(352013)
215	10/23/2002	(157716)
216	08/01/2002	(4773)
217	01/28/2003	(157774)
218	12/11/2004	(342406)
219	03/31/2004	(260311)
220	05/30/2003	(36614)
221	05/19/2004	(256196)

222	08/16/2006	(392732)
223	09/22/2003	(295235)
224	01/04/2005	(285114)
225	08/31/2004	(268068)
226	09/26/2002	(12173)
227	10/28/2003	(252341)
228	10/23/2002	(157718)
229	10/20/2004	(352014)
230	02/13/2003	(22044)
231	10/27/2003	(295237)
232	08/02/2005	(400361)
233	11/29/2004	(339553)
234	08/31/2002	(10030)
235	01/24/2003	(17948)
236	10/04/2006	(512388)
237	11/26/2001	(157720)
238	08/25/2005	(405926)
239	11/26/2003	(295238)
240	08/31/2002	(9860)
241	12/15/2004	(340217)
242	12/11/2004	(342558)
243	11/22/2004	(352015)
244	01/07/2005	(288436)
245	11/21/2002	(157721)
246	08/10/2005	(403710)
247	08/28/2002	(5059)
248	05/11/2003	(26340)
249	07/11/2006	(482407)
250	12/14/2004	(342547)
251	02/23/2006	(455897)
252	08/18/2005	(404406)
253	12/23/2003	(295239)
254	03/23/2005	(381809)
255	05/09/2003	(26339)
256	08/24/2002	(4888)
257	04/24/2006	(498125)
258	06/18/2004	(270854)
259	12/20/2004	(352016)
260	07/08/2002	(1368)
261	03/28/2005	(381810)
262	04/16/2004	(256199)
263	08/28/2006	(479997)
264	05/22/2006	(498126)
265	07/20/2005	(400891)
266	01/24/2005	(381811)
267	12/19/2001	(157724)
268	05/12/2006	(461088)
269	06/20/2006	(498127)
270	01/22/2004	(295240)
271	08/31/2002	(4913)
272	01/02/2004	(252698)
273	12/29/2004	(342425)
274	11/12/2004	(288819)
275	02/22/2005	(381812)
276	03/03/2006	(455540)
277	08/29/2006	(479999)
278	07/21/2005	(400399)
279	12/30/2002	(157725)
280	03/31/2003	(10812)
281	03/22/2005	(381813)
282	02/24/2006	(438342)
283	04/28/2006	(462216)
284	01/20/2005	(381814)
285	02/01/2005	(342419)
286	11/04/2002	(14763)
287	06/16/2003	(114383)
288	12/31/2002	(13462)
289	10/05/2006	(512393)
290	01/04/2005	(288902)
291	08/31/2002	(9964)
292	03/15/2006	(458469)
293	01/05/2005	(288541)
294	08/23/2003	(36650)
295	02/25/2006	(457085)
296	05/10/2003	(450832)
297	02/05/2003	(23703)
298	01/28/2002	(157728)
299	10/05/2005	(431097)

300 12/28/2004 (338893)
301 10/28/2005 (405406)
302 08/31/2002 (4915)
303 06/23/2006 (467329)
304 06/21/2006 (467546)
305 08/05/2005 (341194)
306 05/19/2004 (295206)
307 08/28/2002 (5060)
308 01/27/2003 (157729)
309 12/23/2002 (15106)
310 07/14/2004 (260134)
311 12/17/2002 (16626)
312 11/03/2005 (431819)
313 02/24/2003 (22731)
314 06/12/2006 (455296)
315 08/31/2002 (9758)
316 02/28/2006 (457152)
317 02/24/2006 (468329)
318 01/10/2005 (287676)
319 07/18/2005 (379933)
320 03/23/2006 (468330)
321 08/31/2002 (10403)
322 03/16/2004 (295208)
323 10/05/2005 (431095)
324 10/24/2005 (468331)
325 07/18/2005 (379934)
326 04/21/2004 (295209)
327 08/29/2003 (149848)
328 11/28/2005 (468332)
329 11/11/2004 (289756)
330 06/03/2004 (270210)
331 08/05/2005 (341195)
332 02/23/2004 (432673)
333 08/14/2006 (480383)
334 12/27/2005 (468333)
335 03/09/2006 (457675)
336 08/24/2004 (352003)
337 01/24/2006 (468334)
338 05/19/2004 (295211)
339 02/26/2002 (157733)
340 02/28/2003 (157734)
341 11/14/2005 (371956)
342 01/04/2005 (342600)
343 02/16/2006 (454090)
344 08/11/2004 (287399)
345 02/04/2002 (246532)
346 08/05/2005 (341198)
347 09/30/2004 (287575)
348 06/21/2004 (295213)
349 06/13/2006 (457735)
350 03/25/2002 (157736)
351 02/12/2003 (24287)
352 10/05/2006 (512392)
353 08/16/2005 (404327)
354 10/02/2002 (12436)
355 07/26/2004 (352004)
356 03/17/2006 (451544)
357 01/06/2005 (289146)
358 08/06/2003 (114294)
359 02/23/2006 (439108)
360 01/04/2005 (293105)
361 07/13/2005 (374690)
362 03/31/2003 (157737)
363 02/21/2006 (454835)
364 06/17/2005 (392662)
365 01/09/2003 (19750)
366 08/23/2005 (404915)
367 08/24/2004 (352005)
368 08/31/2004 (292677)
369 12/17/2004 (339115)
370 08/05/2005 (341200)
371 01/10/2005 (279219)

E. Written notices of violations (NOV). (CCEDS Inv. Track. No.)

Date: 01/31/2003 (157683)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 12/30/2004 (344491) Classification: Moderate

Self Report? NO

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA

Description: Failure to control emissions.

Date: 01/21/2004 (252556) Classification: Moderate

Self Report? NO

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

Rqmt Prov: PERMIT IA

Description: Shell damaged the lube oil pump for the Recycle Gas Compr. Either possible root cause (failure to prime the pump or improperly installing the new motive screws) avoidably damaged those screws. Shell failed to control SO2 emissions during a startup activity.

Date: 08/18/2006 (457259) Classification: Minor

Self Report? NO

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

OP IA

PERMIT IA

Description: 3 OELs in SITEFE and 1 OEL in WRACKFE

Date: 12/14/2004 (340217) Classification: Moderate

Self Report? NO

Citation: 30 TAC Chapter 305, SubChapter F 305.125(4)

30 TAC Chapter 305, SubChapter F 305.125(5)

TWC Chapter 26 26.121(a)(1)

Description: Failure to prevent the unauthorized discharge of untreated or partially treated process, sanitary, balast, and utility wastewaters through outfall 008. The permittee is authorized to discharge storm water and fire water only to outfall 008. See attached Table 1.

Date: 06/28/2006 (467525) Classification: Moderate

Self Report? NO

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to prevent overpressure of Secondary Debutanizer Column, V-613.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(8)

Description: Failed to identify the preconstruction authorization.

Date: 05/31/2002 (157749) Classification: Moderate

Self Report? YES

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 08/31/2004 (272715) Classification: Moderate

Self Report? NO

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to operate within the permit limits.

Date: 09/30/2004 (352007) Classification: Moderate

Self Report? YES

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 09/30/2003 (295219) Classification: Moderate

Self Report? YES

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 08/23/2006 (457432)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Components associated with Tank F-347 and Tank F-349 were not identified as being subject to 40 CFR 63, Subpart H.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: 10 OELs in MPLANTFE

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: 5 OELs in LPGFE; 15 OELs in IPAFINFE; 8 OELs in IPACRUFE; 1 OEL in HPLANTFE

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(2)(C)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to monitor Valve Tag No. 301622 in IPAFINFE during the first quarter of 2005

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to inspect Tank T667B by the due date of March 2005

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 106, SubChapter K 106.261(a)(2)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: VOC emissions from V118 exceeded the combined hourly emissions limit of 6.49 lb/hr-0.52 lb/hr permitted in Permit 3173 and 5.97 lb/hr represented in PBR Registration No. 74572.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(1)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to repair Component No. 200706 in IPACRUFE within seven days

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(4)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to monitor a relief valve in Unit LPGFE within 24 hours after the valve released emissions to the

atmosphere

Date: 01/24/2003 (17948)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(10)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
Description: Failure to identify cause of the event and failure to comply with TCEQ Air Permit 3219.

Date: 12/30/2002 (13462)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to comply with permitted effluent limits for pH, Oil and Grease, TOC, and BOD.

Date: 01/07/2005 (288436)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 11/30/2004 (352009)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 03/31/2005 (419640)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/13/2002 (246530)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 12/08/2005 (418800)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to maintain compliance with the effluent permit limits. Effluent violations were reported for ammonia-nitrogen at outfall 104 in 07/05 and for calcium, nickel and fecal coliform at outfall 001 in 03/05.

Date: 07/31/2005 (419643)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/14/2004 (254260)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT IA
Description: Main induced-draft fan on Boiler H-8610 shut down when governor seized due to dirty oil (inadequate attention to the status of the oil). The (large) boiler tripped on loss of the fan. Two olefin plants were shut down due to insufficient steam supply to the steam turbines driving the large critical compressors.

Date: 07/14/2006 (467608)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent unauthorized emissions during decoking of furnace FOL170.

Date: 10/31/2001 (157765)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/09/2005 (289381)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 06/16/2006 (510170)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Rqmt Prov: PERMIT IA
Description: Using unapproved self-generated Discharge Monitoring Report (DMR) forms to report monitoring results.

Date: 08/17/2005 (404327)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 110.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 150.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 180.

Date: 12/28/2004 (290091)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to avoid loss of cooling in the PRC surface condensate system.

Date: 06/20/2005 (395120)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent spill during tank heel transfer.

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failure to submit an emissions event in a timely manner.

Date: 01/04/2005 (342600)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to control hydrate formation in the demethanizer column.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
Description: Failure to report emissions event in a timely manner.

Date: 04/30/2004 (295228)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 02/27/2006 (438342)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failed to control unauthorized emissions.

Date: 11/30/2001 (157769)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 08/31/2004 (267451)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent unauthorized emissions.

Date: 06/30/2004 (352011)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 10/10/2005 (406428)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to control emissions.

Date: 12/31/2001 (157773)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 07/31/2006 (440775)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 07/13/2004 (260134)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to report an emissions event in a timely manner.

Date: 09/22/2004 (335028)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.46(m)
Description: Failure to maintain all pressure maintenance facilities and related appurtenances in a watertight condition.

Date: 02/23/2006 (439108)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 08/31/2006 (457283)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA

Description: Failure to analyze wastewater for isobutyraldehyde

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.132(a)[G]

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to meet the control requirements for VOC water separators NAPI and SAPI

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.116b(f)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to obtain vapor pressure sample from T-1318

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(f)(2)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to monitor the presence of the pilot flame on the A&S Flare, EPN A1301

Date: 08/28/2006 (479997)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(2)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to repair Component No. 64110.P in OP2FUG within 15 days

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Forty-nine incidences of open-ended lines in OP2FUG

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: 26 OELs in OL3FUG and 4 OELs in PYR3FUG

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT UU 63.1033(b)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: 28 OELs in OL3FUG, 4 OELs in OP2FUG, and 25 OELs in PYR3FUG

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Exceedance of VOC MAER in tpy for the Olefins Flare System

Date: 11/30/2003 (295239)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 06/15/2006 (457735)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to prevent a leak from a line that was bent beyond its minimum flex radius creating a weak point that resulted in unauthorized emissions.

Date: 12/31/2001 (157728)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 04/29/2005 (344372)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to control emissions.

Date: 12/31/2002 (157729)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 05/17/2006 (461235)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.665(f)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(j)(7)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to record whether the pilot flame was continuously present during each hour for Flares OP2ELFLA and OP3ELFLA

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and OP3GRFLA.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Operation of Flares OP2ELFLA, OP3ELFLA and OP3GRFLA with visible emissions .

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Nine OELs in HT2; 2 OELs in CIPX

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to seal 18 OELs in IRU.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to seal OELs in BD3.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Furnaces FOL-601 and FOL-602 exceeded the permitted maximum hourly firing rates.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: The fuel gas used by Furnaces FOL601, FOL602, FOL603 and FOL604 exceeded the permitted maximum H2S concentration.

Date: 09/30/2005 (468331)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 04/04/2006 (455004)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA

Description: Failure to control unauthorized emissions for Incident #64365.

Date: 02/04/2002 (246532)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 11/22/2004 (285617)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to operate within the permit limits.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)

Description: Failure to indicate the air contaminants from the flare completely in the final report.

Date: 06/28/2003 (33595)

Self Report? NO Classification: Moderate

Citation: 5C THC Chapter 382, SubChapter A 382.085(a)
Description: Failed to prevent an emissions release by good design, operation, and maintenance practices.

Date: 05/11/2003 (26340)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
Description: Shell failed to prevent unauthorized emissions from an activity or event that could have been foreseen and avoided by good design, operation, and maintenance practices.

Date: 08/29/2006 (479999)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: One OEL in ACUFUG and one OEL in FUGOXU
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: Incomplete records of furnace firing rates for the ACU furnace, EPN H902
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.120(a)(3)(iii)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
Description: Failure to conduct internal inspection of Tank F-361 by the due date of May 2005

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: Operation of the East Property Flare with visible emissions
Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to visually inspect Tank G-359 by the due date of August 16, 2005
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: Failure to provide notification to the TCEQ 30 days in advance of taking gap measurements in Tank G-359

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(2)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: Failure to perform the annual seal gap inspection for Tank G-343 by the due date of September 1, 2005.

Date: 01/04/2004 (251319)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT IA
Description: Shell allowed 237 lbs of unauthorized emissions of mesityl oxide (a highly irritating ketone, which overflowed Tank T-40-16 due to an inaccurate level indicator and failure to respond to a high level alarm from the back up high level alarm system.

Date: 12/16/2002 (16626)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 290, SubChapter D 290.43(c)(1)
Description: Failure to protect the vent opening on the ground storage tank with a 16-mesh or finer corrosion resistant screen.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.42(e)(3)(D)
Description: Failure to provide scales for determining the amount of disinfectant used daily.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)
Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)
Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.

Date: 02/28/2002 (157736)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 05/31/2006 (455293)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent an operator error resulting in unauthorized emissions.

Date: 07/31/2003 (157709)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 12/30/2004 (344374)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Failure to Control Emissions

F. Environmental audits.

Notice of Intent Date: 05/27/2003 (112481)
No DOV Associated

Notice of Intent Date: 06/13/2003 (251436)
No DOV Associated

Notice of Intent Date: 06/12/2003 (251440)
Disclosure Date: 09/04/2003

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B 115.116(a)[G]

Description: Failure to maintain and compile inspection reports that document all of the elements required by the applicable regulations.

Notice of Intent Date: 08/12/2003 (251504)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251740)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251760)

No DOV Associated

Notice of Intent Date: 10/20/2003 (263020)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263024)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263025)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263029)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263033)
Disclosure Date: 12/07/2004

Viol. Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter B 115.136(a)(1)

30 TAC Chapter 115, SubChapter B 115.136(a)(4)

Description: records not available for daily sampling/analysis results for vapor pressure of the wastewater streams procssed by the unit's API separator

Notice of Intent Date: 10/28/2004 (263123)
No DOV Associated

Notice of Intent Date: 04/28/2003 (263686)
No DOV Associated

Notice of Intent Date: 02/26/2003 (263866)
No DOV Associated

Notice of Intent Date: 02/20/2004 (265126)
No DOV Associated

Notice of Intent Date: 12/20/2002 (265131)
Disclosure Date: 06/24/2003

Viol. Classification: Major
Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]

Description: Failed to authorize emissions from rail car cleaning.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.10[G]

Description: Failed to report emissions from EPN Carclean in emissions inventory.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.541[G]

Description: Failed to justify control efficiency of railcar cleaning CAS.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.546[G]

Description: Failed to keep records of CAS breakthrough monitoring.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.132(e)(4)(C)(iii)

Description: failed to submit compliance plan with application

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.541[G]

Description: failed to process tank cars with partial vapor pressure of >= 0.5 psia through properly operating control system

Notice of Intent Date: 02/26/2003 (29900)
No DOV Associated

Notice of Intent Date: 06/12/2001 (32699)
Disclosure Date: 11/13/2001

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20[G]

30 TAC Chapter 113, SubChapter C 113.120

40 CFR Part 63, Subpart G 63.114(d)

Description: Two lines routed to a Group 1 process vent have bypass lines that do not have flow indicators nor are they secured in the non-diverting position with a car seal.

Notice of Intent Date: 11/19/2001 (32880)
No DOV Associated

Notice of Intent Date: 01/18/2002 (32901)

Disclosure Date: 02/08/2002
Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.663(b)(1)

40 CFR Part 60, Subpart NNN 60.665(d)

40 CFR Part 60, Subpart NNN 60.665(f)

40 CFR Part 60, Subpart NNN 60.665(m)

Description: Failure to acquire approval to waive the requirements of a continuous pilot flame recorder for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.663(b)(2)

40 CFR Part 60, Subpart NNN 60.665(d)

40 CFR Part 60, Subpart NNN 60.665(m)

Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.665(l)(1)

40 CFR Part 60, Subpart NNN 60.665(l)(2)

40 CFR Part 60, Subpart NNN 60.665(l)(4)

40 CFR Part 60, Subpart NNN 60.665(m)

40 CFR Part 60, Subpart NNN 60.665(p)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7[G]

Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FIN ID numbers IRUFLR and IRUFLRG.

Notice of Intent Date: 01/12/2003 (32908)
No DOV Associated

Notice of Intent Date: 03/01/2002 (32928)
No DOV Associated

Notice of Intent Date: 03/19/2002 (32937)
No DOV Associated

Notice of Intent Date: 04/12/2002 (32949)

No DOV Associated

Notice of Intent Date: 05/30/2002 (32974)
No DOV Associated

Notice of Intent Date: 06/26/2002 (32979)
No DOV Associated

Notice of Intent Date: 08/19/2002 (33022)
No DOV Associated

Notice of Intent Date: 09/04/2002 (33051)
No DOV Associated

Notice of Intent Date: 09/16/2002 (33069)
No DOV Associated

Notice of Intent Date: 10/29/2002 (33101)
No DOV Associated

Notice of Intent Date: 11/20/2002 (33116)
No DOV Associated

Notice of Intent Date: 08/06/2004 (334038)
Disclosure Date: 10/12/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1) Req Prpv: PERMITCompliance b. Operational Requirements 1
PERMITGeneral b.

Description: noncompliance with requirement to maintain all facilities and systems of treatment and control (and related appurtenances)

Notice of Intent Date: 08/06/2004 (334047)
Disclosure Date: 08/26/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter A; 40 CFR Chapter 261, SubChapter I, PT 261, SubPT A
Description: Failure to characterize a process water stream from a leaking economizer, which contained K022 waste.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter C; 30 TAC Chapter 335, SubChapter R; 409 CFR Chapter 262, SubChapter I, PT 262, SubPT A
Description: Failure to characterize wastewater treatment plant residues carrying the K022 waste code.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter A
Description: Improper disposal of K022 WWTP residual solids at a Class 1 non-hazardous waste landfill.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter D
Description: Failure to amend RCRA permit to reflect management of K022 waste.

Viol. Classification: Moderate
Citation: Permit 1. General b.
Description: discharge of process water to storm water impoundment basins.

Notice of Intent Date: 08/27/2004 (334576)
No DOV Associated

Notice of Intent Date: 07/16/2002 (33993)
No DOV Associated

Notice of Intent Date: 10/12/2004 (349555)
No DOV Associated

Notice of Intent Date: 11/11/2004 (349565)
No DOV Associated

Notice of Intent Date: 01/04/2005 (349867)
Disclosure Date: 06/17/2005

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.320

40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(d)(5)

Description: documentation was not readily available to fully demonstrate that a formal refinery maximum achievable control technology applicability determination (ie >5% HAPS) had been made for equipment in light crude service

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(1)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(3)

Description: one New Source Performance Standard (NSPS) notification for Start of Construction and Start of Operation for the CGHT unit could not be located

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(a)(3)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(b)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(4)

Description: documentation was not readily available to fully demonstrate that the process to determine if a project triggered NSPS "Modification" was being completed for NSPS Subpart GGG compliance

Viol. Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.10(b)[G]

30 TAC Chapter 101, SubChapter A 101.10(c)

30 TAC Chapter 101, SubChapter A 101.10(d)

30 TAC Chapter 101, SubChapter A 101.10(e)

40 CFR Chapter 372, SubChapter J, PT 372, SubPT B 372.30(a)

Description: emissions from fueling of vehicles in the Deer Park Refinery were not included in emissions inventories as required

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.10(d)(5)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.6(e)(3)(i)

Description: documentation was not readily available to demonstrate the development of a formal startup, shutdown, and malfunction plan (SSMP), and to document that when appropriate, a semi-annual report was submitted

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.320

40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.640(l)(3)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(f)(1)(ii)

Description: documentation was not readily available to fully demonstrate the group 1 or group 2 applicablity determination for miscellaneous process vents

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.110

40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(4)(i)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(6)

Description: although monthly monitoring of cooling water return to the HON SWT was conducted and no leaks were detected, it is unclear whether there was complete compliance wiht HON requirements

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(a)(1)(i)(A)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(h)

Description: annual LDAR instrument monitoring of CPI and IGF benzene wastewater equipment had not been performed as required by benzene waste NESHAP regulations

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(a)(1)(i)(A)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(b)

Description: periodic visual inspection of the CPI and IGF benzene wastewater equipment to ensure access hatches and other openings are properly closed and gasketed had not been performed as required by the benzene waste NESHAP regulations

Notice of Intent Date: 01/06/2005 (349868)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350720)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350721)
Disclosure Date: 03/23/2005

Viol. Classification: Moderate
Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(b)[G]

40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(c)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(d)

Description: failed to meet requirements for maintenance/start-up/shutdown related activities
Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C 113.110

Description: incorporation by reference of 40 CFR 63 Subpart F (SOCMI MACT standard)
Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C 113.120

Description: incorporation by reference of 40 CFR 63 Subpart G (SOCMI for Process Vents, Storage Vessels, Transfer Operations, and Wastewater MACT standard)

Notice of Intent Date: 01/27/2005 (350723)
Disclosure Date: 07/06/2005

Viol. Classification: Moderate
Citation: 40 CFR Chapter 262, SubChapter I, PT 262, SubPT C 262.34[G]

30 TAC Chapter 335, SubChapter C 335.69[G]

Description: Equipment associated with a decommissioned cumene unit in the Phenol Acetone Production Areas was not properly decontaminated when shut down in 2001. Process vessels, pumps, exchangers, and piping contain material that meets the definition of a characteristically hazardous waste (D002, D018).

Notice of Intent Date: 01/05/2005 (371573)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375030)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375031)
Disclosure Date: 07/14/2005

Viol. Classification: Minor
Req Prpv: PERMITAir New Source Permit No. 9334 SC 10.D

Description: no notification 30 days in advance of 11/04 seal gap measurement for Aromatics EFR tank G-359
Viol. Classification: Minor
Req Prpv: PERMITAir New Source Permits

Description: no notification 30 days in advance of refilling of Solvents IFR tank T140B, Phenol Acetone IFR tank D391, Solvents IFR tank F337

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C 113.120 Req Prpv: PERMITPermit 9334 Special Condition 10D

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.120(a)(3)(iii) PERMITPermit 9334 Special Condition 10D

Description: no 10 yr internal seal inspection of Aromatics IFR tank F-361

Notice of Intent Date: 04/15/2005 (380864)
No DOV Associated

Notice of Intent Date: 05/18/2005 (396476)
No DOV Associated

Notice of Intent Date: 06/19/2003 (397860)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434090)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434095)
No DOV Associated

Notice of Intent Date: 11/04/2005 (438422)
No DOV Associated

Notice of Intent Date: 11/20/2003 (449697)
No DOV Associated

Notice of Intent Date: 12/02/2005 (451075)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452942)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452952)
No DOV Associated

Notice of Intent Date: 04/16/2006 (463688)
No DOV Associated

Notice of Intent Date: 05/22/2006 (454159)
No DOV Associated

G. Type of environmental management systems (EMSs).

Non 30 TAC CH 90 Certified, ISO 14001:2004, installed 1/12/2005, certified 1/19/2006

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

Type	Tier	Certification Date
CLEAN TEXAS PROGRAM	PARTNERSHIP	12/20/2004
CLEAN TEXAS PROGRAM	PARTNER	12/20/2004

J. Early compliance.

N/A

Sites Outside of Texas

N/A

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	Shell Chemical Company	CUSTOMER NO.:	CN601405145
REGULATED ENTITY:	Shell Chemical Company Deer Park	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 Hwy 225		
REG. ENTITY CITY:	Deer Park		

Violations

EPA CASE NO.:	06-1998-0547	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20011015	STATUTE: CAA	SECT. OF STATUTE: 112R
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	CITE PART: CITE SECT:
CASE RESULT:	Final Order With Penalty	PROGRAM:	NESHAPs
		VIOLATION TYPE:	Other/Miscellaneous

Penalty Calculation Worksheet (PCW)

Policy Revision 2 (September 2002) — *PCW Revision November 17, 2006*

TCEQ

DATES						
Assigned	6-Nov-2006					
PCW	22-Jan-2008	Screening	16-Nov-2006	EPA Due	13-Aug-2007	

RESPONDENT/FACILITY INFORMATION

Respondent	Shell Chemical LP		
Reg. Ent. Ref. No.	RN100211879		
Facility/Site Region	12-Houston	Major/Minor Source	Major

CASE INFORMATION

Enf./Case ID No.	28867	No. of Violations	2
Docket No.	2006-0328-MLM-E	Order Type	Findings
Media Program(s)	Air Quality	Enf. Coordinator	Trina Grieco
Multi-Media		EC's Team	EnforcementTeam 5
Admin. Penalty $ Limit Minimum	$0	Maximum	$10,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) — *Subtotal 1*: $12,500

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History — 304% Enhancement — *Subtotals 2, 3, & 7*: $38,000

Notes: The penalty was enhanced by 32 NOVs for the same or similar violations, 28 NOVs for unrelated violations, two findings orders, five 1660-style orders, and one court order. The penalty was reduced by 57 Notices of Audit, ten Disclosures of Violations, an environmental management system in place for one year or more, and participation in a voluntary pollution reduction program.

Culpability — No — 0% Enhancement — *Subtotal 4*: $0

Notes: The Respondent does not meet the culpability criteria.

Good Faith Effort to Comply — 0% Reduction — *Subtotal 5*: $0

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary		
N/A	X	(mark with x)

Notes: The Respondent does not meet the good faith criteria.

0% Enhancement* — *Subtotal 6*: $0

**Capped at the Total EB $ Amount*

Total EB Amounts	$94
Approx. Cost of Compliance	$4,000

SUM OF SUBTOTALS 1-7 — *Final Subtotal*: $50,500

OTHER FACTORS AS JUSTICE MAY REQUIRE — *Adjustment*: $0

Reduces or enhances the Final Subtotal by the indicated percentage. *(Enter number only; e.g. -30 for -30%.)*

Notes:

Final Penalty Amount: $50,500

STATUTORY LIMIT ADJUSTMENT — *Final Assessed Penalty*: $20,000

DEFERRAL — 0% Reduction — *Adjustment*: $0

Reduces the Final Assessed Penalty by the indicted percentage. *(Enter number only; e.g. 20 for 20% reduction.)*

Notes: No deferral, as this is a findings order.

PAYABLE PENALTY: $20,000

PCW 9

Screening Date 16-Nov-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP

Policy Revision 2 (September 2002)

Case ID No. 28867

PCW Revision November 17, 2006

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Compliance History Worksheet

>> Compliance History *Site* Enhancement (Subtotal 2)

Component	Number of...	*Enter Number Here*	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (*number of NOVs meeting criteria*)	32	160%
	Other written NOVs	28	56%
Orders	Any agreed final enforcement orders containing a denial of liability (*number of orders meeting criteria*)	5	100%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	2	50%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (*number of judgements or consent decrees meeting criteria*)	1	30%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (*number of counts*)	0	0%
Emissions	Chronic excessive emissions events (*number of events*)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which notices were submitted)*	57	-57%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (*number of audits for which violations were disclosed*)	10	-20%

Other		*Please Enter Yes or No*	
	Environmental management systems in place for one year or more	Yes	-10%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	Yes	-5%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 304%

>> Repeat Violator (Subtotal 3)

No

Adjustment Percentage (Subtotal 3) 0%

>> Compliance History Person Classification (Subtotal 7)

Average Performer

Adjustment Percentage (Subtotal 7) 0%

>> Compliance History Summary

Compliance History Notes

The penalty was enhanced by 32 NOVs for the same or similar violations, 28 NOVs for unrelated violations, two findings orders, five 1660-style orders, and one court order. The penalty was reduced by 57 Notices of Audit, ten Disclosures of Violations, an environmental management system in place for one year or more, and participation in a voluntary pollution reduction program.

Total Adjustment Percentage (Subtotals 2, 3, & 7) 304%

Screening Date 16-Nov-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Policy Revision 2 (September 2002)

PCW Revision November 17, 2006

Respondent Shell Chemical LP

Case ID No. 28867

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number 1 Item 191; Inv. 343595; Incident 47540

Rule Cite(s) 30 Tex. Admin. Code § 116.715(a), Flexible Air Permit No. 21262, Special Condition No. 1 and Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to prevent unauthorized emissions of 728 pounds ("lbs") of Volatile Organic Compounds ("VOCs"), 37,914 lbs of sulfur dioxide, and 490 lbs of hydrogen sulfide from being released from the West Property Flare. The event (Incident No. 47540) occurred on October 7, 2004 and lasted for 11 hours and 23 minutes. Since the emissions event was caused by operator error and the amount and duration of the emissions were not minimized, Shell failed to meet the demonstrations for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> Environmental, Property and Human Health Matrix

	Harm		
Release	Major	Moderate	Minor
OR Actual	x		
Potential			

Percent 100%

>>Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent 0%

Matrix Notes: Human health or the environment has been exposed to a significant amount of pollutants which exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment $0

$10,000

Violation Events

Number of Violation Events 1 1 Number of violation days

mark only one with an x

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $10,000

One single event is recommended.

Economic Benefit (EB) for this violation **Statutory Limit Test**

Estimated EB Amount $0 **Violation Final Penalty Total** $40,400

This violation Final Assessed Penalty (adjusted for limits) $10,000

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media Air Quality
Violation No. 1

Percent Interest	Years of Depreciation
5.0	15

Item Description (No commas or $)	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$2,000	7-Oct-2004	7-Oct-2004	0.0	$0	n/a	$0
Notes for DELAYED costs	Estimated costs to improve the procedures, equipment, and communications that contributed to the emissions event. Date required is the date of the emissions event. Final date is the date of compliance.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							
Approx. Cost of Compliance	$2,000				TOTAL		$0

Screening Date 16-Nov-2006 Docket No. 2006-0328-MLM-E PCW

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision November 17, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number 2 Item 167; Inv. 509694; Incident 76716

Rule Cite(s) 30 Tex. Admin. Code § 116.115(c), Permit No. 3178, Special Condition No. 1 and Tex. Health & Safety Code § 382.085(b)

Violation Description: Failed to comply with the permitted emission limits of 0.02 pounds per hour ("lbs/hr") of nitrogen oxides, 0.10 lbs/hr of carbon monoxide ("CO"), and 0.29 lbs/hr of benzene. Unauthorized emissions of 179 pounds ("lbs") of nitrogen oxides, 914 lbs of carbon monoxide, and 3,054 lbs of benzene were released from a control valve located within the Benzene Extraction Unit. The event (Incident No. 76716) occurred on June 6, 2006 and lasted for 11 hours and 15 minutes. Since the emissions event could have been avoided by good maintenance practices, Shell failed to meet the demonstrations for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> Environmental, Property and Human Health Matrix

OR

Release	Harm: Major	Moderate	Minor
Actual			x
Potential			

Percent 25%

>>Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent 0%

Matrix Notes: Human health or the environment has been exposed to insignificant amounts of pollutants which do not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment $7,500

$2,500

Violation Events

Number of Violation Events 1

1 Number of violation days

mark only one with an x

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $2,500

One single event is recommended.

Economic Benefit (EB) for this violation

Estimated EB Amount $94

Statutory Limit Test

Violation Final Penalty Total $10,100

This violation Final Assessed Penalty (adjusted for limits) $10,000

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media Air Quality
Violation No. 2

Percent Interest	Years of Depreciation
5.0	15

	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Item Description	No commas or $						
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$2,000	6-Jun-2006	15-May-2007	0.9	$94	n/a	$94
Notes for DELAYED costs	Estimated cost to improve design, operation, and maintenance procedures that contributed to the emissions event. Date required is the date of the emissions event. Final date is the expected date of compliance.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							
Approx. Cost of Compliance	$2,000				TOTAL		$94

Compliance History

Customer/Respondent/Owner-Operator:	CN601405145	Shell Chemical LP	Classification: AVERAGE	Rating: 2.84
Regulated Entity:	RN100211879	SHELL OIL DEER PARK	Classification: AVERAGE	Site Rating: 4.75

ID Number(s):

AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0659W
AIR OPERATING PERMITS	PERMIT	1669
AIR OPERATING PERMITS	PERMIT	1668
AIR OPERATING PERMITS	PERMIT	1940
AIR OPERATING PERMITS	PERMIT	1941
AIR OPERATING PERMITS	PERMIT	1942
AIR OPERATING PERMITS	PERMIT	1943
AIR OPERATING PERMITS	PERMIT	1945
AIR OPERATING PERMITS	PERMIT	1946
AIR OPERATING PERMITS	PERMIT	1947
AIR OPERATING PERMITS	PERMIT	1948
AIR OPERATING PERMITS	PERMIT	2108
AIR OPERATING PERMITS	PERMIT	3179
WASTEWATER	PERMIT	WQ0000402000
WASTEWATER	PERMIT	TPDES0004863
WASTEWATER	PERMIT	TX0004863
WASTEWATER	PERMIT	WQ0000403000
WASTEWATER	PERMIT	TPDES0004871
AIR NEW SOURCE PERMITS	PERMIT	3180
AIR NEW SOURCE PERMITS	PERMIT	47405
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	947405W
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	REGISTRATION	54895
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	REGISTRATION	55312
AIR NEW SOURCE PERMITS	REGISTRATION	76382
AIR NEW SOURCE PERMITS	REGISTRATION	75524
AIR NEW SOURCE PERMITS	REGISTRATION	55717
AIR NEW SOURCE PERMITS	REGISTRATION	55730
AIR NEW SOURCE PERMITS	REGISTRATION	55869
AIR NEW SOURCE PERMITS	REGISTRATION	76315
AIR NEW SOURCE PERMITS	EPA ID	PSDTX815
AIR NEW SOURCE PERMITS	PERMIT	PSDTX974
AIR NEW SOURCE PERMITS	PERMIT	PSDTX961
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928M1
AIR NEW SOURCE PERMITS	PERMIT	48912
AIR NEW SOURCE PERMITS	PERMIT	56476
AIR NEW SOURCE PERMITS	PERMIT	56496
AIR NEW SOURCE PERMITS	PERMIT	70389
AIR NEW SOURCE PERMITS	PERMIT	70613
AIR NEW SOURCE PERMITS	PERMIT	70903
AIR NEW SOURCE PERMITS	REGISTRATION	70893
AIR NEW SOURCE PERMITS	PERMIT	71223
AIR NEW SOURCE PERMITS	PERMIT	PSDTX896
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928
AIR NEW SOURCE PERMITS	REGISTRATION	71567
AIR NEW SOURCE PERMITS	REGISTRATION	71682
AIR NEW SOURCE PERMITS	PERMIT	52089
AIR NEW SOURCE PERMITS	PERMIT	52088
AIR NEW SOURCE PERMITS	PERMIT	50388
AIR NEW SOURCE PERMITS	PERMIT	50423
AIR NEW SOURCE PERMITS	PERMIT	50548
AIR NEW SOURCE PERMITS	PERMIT	52565
AIR NEW SOURCE PERMITS	PERMIT	50815
AIR NEW SOURCE PERMITS	PERMIT	54061
AIR NEW SOURCE PERMITS	PERMIT	52476
AIR NEW SOURCE PERMITS	PERMIT	52477
AIR NEW SOURCE PERMITS	PERMIT	54701
AIR NEW SOURCE PERMITS	PERMIT	70612
AIR NEW SOURCE PERMITS	REGISTRATION	74572
AIR NEW SOURCE PERMITS	REGISTRATION	75045
AIR NEW SOURCE PERMITS	EPA ID	PSDTX974
AIR NEW SOURCE PERMITS	REGISTRATION	76699
AIR NEW SOURCE PERMITS	EPA ID	PSDTX896
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928M1
AIR NEW SOURCE PERMITS	EPA ID	PSDTX961
AIR NEW SOURCE PERMITS	REGISTRATION	77284
AIR NEW SOURCE PERMITS	REGISTRATION	77952
AIR NEW SOURCE PERMITS	REGISTRATION	76265
AIR NEW SOURCE PERMITS	REGISTRATION	78624
AIR NEW SOURCE PERMITS	REGISTRATION	78816
AIR NEW SOURCE PERMITS	REGISTRATION	78839
AIR NEW SOURCE PERMITS	REGISTRATION	78864
AIR NEW SOURCE PERMITS	PERMIT	6949
AIR NEW SOURCE PERMITS	PERMIT	7855
AIR NEW SOURCE PERMITS	PERMIT	9856
AIR NEW SOURCE PERMITS	PERMIT	11177
AIR NEW SOURCE PERMITS	PERMIT	12152
AIR NEW SOURCE PERMITS	PERMIT	12537
AIR NEW SOURCE PERMITS	PERMIT	13373
AIR NEW SOURCE PERMITS	PERMIT	13713
AIR NEW SOURCE PERMITS	PERMIT	16429
AIR NEW SOURCE PERMITS	PERMIT	1119
AIR NEW SOURCE PERMITS	PERMIT	1120
AIR NEW SOURCE PERMITS	PERMIT	3178
AIR NEW SOURCE PERMITS	PERMIT	3179

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AIR NEW SOURCE PERMITS	PERMIT	3216
AIR NEW SOURCE PERMITS	PERMIT	5801
AIR NEW SOURCE PERMITS	PERMIT	6791
AIR NEW SOURCE PERMITS	PERMIT	7621
AIR NEW SOURCE PERMITS	PERMIT	9334
AIR NEW SOURCE PERMITS	PERMIT	10888
AIR NEW SOURCE PERMITS	PERMIT	11096
AIR NEW SOURCE PERMITS	PERMIT	11586
AIR NEW SOURCE PERMITS	PERMIT	12373
AIR NEW SOURCE PERMITS	PERMIT	12829
AIR NEW SOURCE PERMITS	PERMIT	13678
AIR NEW SOURCE PERMITS	PERMIT	15961
AIR NEW SOURCE PERMITS	PERMIT	8236
AIR NEW SOURCE PERMITS	PERMIT	9505
AIR NEW SOURCE PERMITS	PERMIT	15262
AIR NEW SOURCE PERMITS	PERMIT	15365
AIR NEW SOURCE PERMITS	PERMIT	15499
AIR NEW SOURCE PERMITS	PERMIT	15940
AIR NEW SOURCE PERMITS	PERMIT	18209
AIR NEW SOURCE PERMITS	PERMIT	18576
AIR NEW SOURCE PERMITS	PERMIT	18738
AIR NEW SOURCE PERMITS	PERMIT	18768
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	PERMIT	22038
AIR NEW SOURCE PERMITS	PERMIT	23273
AIR NEW SOURCE PERMITS	PERMIT	24096
AIR NEW SOURCE PERMITS	PERMIT	24874
AIR NEW SOURCE PERMITS	PERMIT	26368
AIR NEW SOURCE PERMITS	PERMIT	27598
AIR NEW SOURCE PERMITS	PERMIT	29597
AIR NEW SOURCE PERMITS	PERMIT	32282
AIR NEW SOURCE PERMITS	PERMIT	33524
AIR NEW SOURCE PERMITS	PERMIT	34230
AIR NEW SOURCE PERMITS	PERMIT	34358
AIR NEW SOURCE PERMITS	PERMIT	35243
AIR NEW SOURCE PERMITS	PERMIT	35608
AIR NEW SOURCE PERMITS	PERMIT	36226
AIR NEW SOURCE PERMITS	PERMIT	37206
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0659W
AIR NEW SOURCE PERMITS	AFS NUM	0039
AIR NEW SOURCE PERMITS	PERMIT	96
AIR NEW SOURCE PERMITS	PERMIT	97
AIR NEW SOURCE PERMITS	PERMIT	266
AIR NEW SOURCE PERMITS	PERMIT	747
AIR NEW SOURCE PERMITS	PERMIT	748
AIR NEW SOURCE PERMITS	PERMIT	920
AIR NEW SOURCE PERMITS	PERMIT	1920
AIR NEW SOURCE PERMITS	PERMIT	1968
AIR NEW SOURCE PERMITS	PERMIT	2597
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	PERMIT	3177
AIR NEW SOURCE PERMITS	PERMIT	3214
AIR NEW SOURCE PERMITS	PERMIT	3215
AIR NEW SOURCE PERMITS	PERMIT	3217
AIR NEW SOURCE PERMITS	PERMIT	3218
AIR NEW SOURCE PERMITS	PERMIT	3219
AIR NEW SOURCE PERMITS	PERMIT	3985A
AIR NEW SOURCE PERMITS	PERMIT	4256
AIR NEW SOURCE PERMITS	PERMIT	4406
AIR NEW SOURCE PERMITS	PERMIT	4596
AIR NEW SOURCE PERMITS	PERMIT	4933
AIR NEW SOURCE PERMITS	PERMIT	41920
AIR NEW SOURCE PERMITS	PERMIT	41875
AIR NEW SOURCE PERMITS	PERMIT	42221
AIR NEW SOURCE PERMITS	PERMIT	42573
AIR NEW SOURCE PERMITS	PERMIT	42512
AIR NEW SOURCE PERMITS	PERMIT	43605
AIR NEW SOURCE PERMITS	PERMIT	42118
AIR NEW SOURCE PERMITS	PERMIT	44820
AIR NEW SOURCE PERMITS	PERMIT	45654
AIR NEW SOURCE PERMITS	PERMIT	45653
AIR NEW SOURCE PERMITS	PERMIT	45652
AIR NEW SOURCE PERMITS	PERMIT	45944
AIR NEW SOURCE PERMITS	PERMIT	46535
AIR NEW SOURCE PERMITS	PERMIT	47575
AIR NEW SOURCE PERMITS	PERMIT	50052
AIR NEW SOURCE PERMITS	REGISTRATION	79604
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID	TXD067285973
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
UNDERGROUND INJECTION CONTROL	PERMIT	WDW172
UNDERGROUND INJECTION CONTROL	PERMIT	WDW173
PETROLEUM STORAGE TANK STAGE II	REGISTRATION	32780
WATER LICENSING	LICENSE	1010320
WASTEWATER LICENSING	LICENSE	WQ0000402000
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1013348
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	6001443
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1010320

IHW CORRECTIVE ACTION — SOLID WASTE REGISTRATION # (SWR) 30007

INDUSTRIAL AND HAZARDOUS WASTE COMPLIANCE PLANS — PERMIT 50099

PETROLEUM STORAGE TANK REGISTRATION — REGISTRATION 32780

Location: 5900 HIGHWAY 225, DEER PARK, TX, 77536 — Rating Date: September 01 06 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: November 16, 2006

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: November 16, 2001 to November 16, 2006

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name: Trina Grieco Phone: (210) 403-4006

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? Yes
3. If Yes, who is the current owner? Shell Chemical LP; Shell Deer Park Refining Company; Shell Oil Company; Deer Park Refining Limited Partnership
4. If Yes, who was/were the prior owner(s)? Resolution Performance Products, LLC; Shell Oil Company; Equilon Enterprises LLC
5. When did the change(s) in ownership occur? 12/03/2002; 06/04/2004

Components (Multimedia) for the Site :

A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.

Effective Date: 6/12/2003 — ADMINORDER 2002-0478-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
40 CFR Part 61, Subpart V 61.242-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 4 PERMIT
Description: Failure to install redundant valves or end caps on open ended lines.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(d)(1)(i)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to adjust monitoring schedule to monthly from quarterly when leak rate exceeds 2%.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 113, SubChapter C 113.120
40 CFR Part 63, Subpart G 63.114(a)(1)(ii)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 2 PERMIT
Description: Failure to install a temperature monitoring device in the gas stream immediately before and after the catalyst bed.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 8(A) PERMIT
Description: Failure to operate incinerator H9200 at a VOC outlet concentration of less than 20 ppmv.

Effective Date: 09/26/2004 — ADMINORDER 2004-0101-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]
30 TAC Chapter 113, SubChapter C 113.120
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.7(a)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.116(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to conduct flare performance testing in accordance with 40 CFR 63.11 within 180 days of startup or rule applicability.

Effective Date: 02/20/2006 — ADMINORDER 2005-0765-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.721(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to obtain control emissions from an emissions event that occurred on December 21, 2000 at the Coker Unit.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)

30 TAC Chapter 101, SubChapter F 101.201(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit a complete final report for a reportable emissions event which occurred at the Coker Unit on December 21, 2000.

Effective Date: 05/12/2006 ADMINORDER 2005-1614-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to report the December 25, 2004 emissions event within 24 hours of discovery.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No 3214, Gen Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 241 lbs of 1, 3-Butadiene, 322 lbs of Butene, 1,299 lbs of Pentane, 2,182 lbs of Ethylene, 68 lbs of Benzene and 1,018 lbs of Propylene during a 10 hour and 30 minute emissions event that occurred on December 25, 2004 in the OP3 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: General Condition #8 PERMIT
Description: Failed to prevent unauthorized emissions of 686 lbs of 1, 3-Butadiene, 949 lbs of Butene, 1,299 lbs of Pentane, 4,059 lbs of Ethylene and 2,044 lbs of Propylene during a 23 minute emissions event that occurred on February 17, 2005 in the Olefins No. 3 Unit ("OP3").

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Max. Allow. Em. Rate Ta PERMIT
Description: Failed to prevent unauthorized emissions of 1847.7 lbs of Ethylene, 680.70 lbs of Carbon Monoxide, and 87.3 lbs of Nitrogen Monoxide during a 3-hour emissions event that occurred on February 24, 2005 at the Acetylene Converters in the Olefins #2 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Gen. Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 404 lbs of volatile organic compounds ("VOC") in one hour on January 13, 2005 in the OP2 Unit Elevated Flare. Specifically, 868 lbs of VOCs were released and the VOC maximum allowable emission rate for the flare is 464 lbs per hour.

Effective Date: 02/20/2006 ADMINORDER 2005-0734-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent a power outage at Switchback 6B13 which resulted in unauthorized emissions from the HIPA Flare, HIPA Vent, Benji Vent (PC5500A), and Relief Valves RV0624, RV3033B, and RV0298 on May 9, 2004. Category A.11.i(6).

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain the ratio of hydrogen to acetylene in the converter resulting in the flaring of off-specification product resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on June 17, 2004.

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC #1 PERMIT
Description: Failed to prevent the lifting of Relief Valve RV3033B on the fat acid storage tank (T-75B) on June 27, 2004 which resulted in unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain steam pressure on the Olefins 2 Unit and operated the Propylene Refrigerator Compressor with a faulty suction/pressure indicating controller resulting in the flaring of off-specification products at the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on September 13, 2004.

Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: NSR Permit #3173, Special Condition #1 PA
Description: Failed to comply with the maximum allowable emission rates for carbon monoxide, volatile organic compounds ("VOC"), and nitrogen oxides and varied from permit representations for VOC emissions from the IPA Purge Line on September 6, 2004

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also Permit No. 3219, Gen. Condition 8 PERMIT
Description: Failed to control the ammonia concentration in the sour hydrogen feed resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on May 22, 2004. Category A.11.i(6).

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit initial notification of a reportable emissions event at the Isopropyl Alcohol (IPA) Unit which occurred on September 6, 2004 within 24 hours of discovery.

Effective Date: 08/20/2005 ADMINORDER 2004-0867-IHW-E

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(11)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.103(c)

Description: Failure to conduct compliance testing for the PHenol-3 BIF and submit recertification of compliance within three years of the previous certification.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(14)
Description: Failure to cease the burning of waste in the Phenol-3 BIF on October 12, 2003.

Effective Date: 08/29/2006 COURTORDER

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
30 TAC Chapter 101, SubChapter A 101.5

30 TAC Chapter 111, SubChapter B 111.201

Description: Shell caused, suffered, allowed the outdoor burning of low sulfur diesel fuel and heavy crude oil sludge in such concentration and of such duration to interfere with the normal use and enjoyment of property and caused a freeway closure.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
30 TAC Chapter 101, SubChapter A 101.5

30 TAC Chapter 111, SubChapter B 111.201

Description: Shell caused, suffered, allowed the outdoor burning of natural gas in such concentration and of such duration to interfere with the normal use and enjoyment of property and caused a freeway closure.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)

Rqmt Prov: mact rates PERMIT
Description: Exceeded maximum allowable emission rates for hydrogen sulfide.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
Description: Discharged approximately 327 pounds of unspeciated VOC resulting in air contaminants in such concentration and duration so as to interfere with the normal use and enjoyment of property in teh area.

Effective Date: 08/30/2004 ADMINORDER 2003-1321-AIR-E

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: MAERT PERMIT
Description: Failed to comply with the permitted limit established in the MAERT of Air Permit No. 9334 for benzene. Specifically, Shell failed to prevent the unauthorized emission of benzene at the ACU Tank Farm, Tank D-371, for a period of 58 minutes on April 28, 2003. The permitted benzene limit for Tank D-371 is 0.45 lbs/hour.

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

N/A

D. The approval dates of investigations. (CCEDS Inv. Track. No.)

1 02/22/2002 (157682)
2 08/31/2002 (9511)
3 08/31/2002 (9388)

4	06/26/2003	(60695)
5	02/24/2003	(157683)
6	04/26/2002	(157741)
7	12/19/2002	(13703)
8	04/29/2003	(157742)
9	02/10/2003	(157684)
10	03/25/2002	(157686)
11	03/25/2003	(157687)
12	08/05/2005	(341201)
13	07/14/2006	(467608)
14	01/13/2003	(246531)
15	02/20/2003	(10139)
16	05/29/2002	(157745)
17	10/15/2002	(5839)
18	05/27/2003	(157746)
19	07/24/2006	(520133)
20	10/04/2004	(352006)
21	08/16/2004	(279252)
22	10/22/2003	(249626)
23	07/31/2006	(482753)
24	02/23/2005	(371820)
25	09/25/2006	(520134)
26	09/25/2003	(295217)
27	07/26/2006	(487301)
28	02/27/2006	(457162)
29	11/28/2005	(437043)
30	04/24/2006	(449499)
31	01/06/2005	(344370)
32	10/04/2005	(405964)
33	05/09/2005	(378729)
34	05/26/2006	(460174)
35	10/18/2004	(335028)
36	08/11/2004	(288458)
37	06/30/2006	(463111)
38	06/28/2005	(394944)
39	06/27/2002	(157749)
40	10/20/2004	(352007)
41	01/24/2006	(451885)
42	08/31/2002	(10160)
43	08/29/2002	(8058)
44	10/10/2005	(406428)
45	10/05/2006	(510021)
46	06/09/2004	(272409)
47	06/30/2006	(466561)
48	04/25/2006	(449838)
49	08/11/2004	(288745)
50	08/19/2002	(7668)
51	10/23/2003	(295219)
52	01/04/2004	(251319)
53	06/25/2003	(157750)
54	03/20/2006	(431859)
55	01/26/2005	(342583)
56	04/22/2002	(157692)
57	08/31/2002	(9479)
58	08/18/2006	(457259)
59	10/05/2005	(407310)
60	04/23/2003	(157693)
61	08/31/2002	(10241)
62	07/11/2006	(482755)
63	08/31/2002	(10071)
64	08/24/2002	(4890)
65	07/23/2003	(284079)
66	12/28/2004	(290091)
67	11/21/2003	(295220)
68	07/25/2002	(157753)
69	02/27/2006	(456661)
70	04/03/2003	(19124)
71	11/23/2004	(352008)
72	01/02/2004	(257360)
73	05/03/2005	(373899)
74	02/28/2006	(457143)
75	05/25/2005	(380203)
76	08/15/2005	(453221)
77	05/26/2006	(460095)
78	08/23/2005	(401945)
79	12/17/2003	(295221)
80	08/16/2002	(157756)
81	05/17/2006	(461235)
82	06/23/2006	(467537)
83	08/25/2006	(510170)
84	10/04/2006	(510017)
85	01/09/2005	(289381)
86	05/10/2006	(266908)
87	08/02/2002	(4405)
88	12/27/2004	(352009)
89	08/31/2002	(9298)
90	05/28/2002	(157696)
91	09/28/2005	(431096)
92	03/28/2006	(405965)
93	08/23/2006	(457432)

94	04/29/2005	(344372)
95	05/26/2006	(460156)
96	05/22/2003	(157697)
97	11/22/2004	(285617)
98	01/26/2004	(295222)
99	06/28/2003	(33595)
100	01/31/2005	(342585)
101	08/31/2004	(272715)
102	08/29/2006	(509957)
103	11/04/2005	(431796)
104	08/21/2002	(8730)
105	09/27/2002	(157759)
106	12/08/2005	(418800)
107	01/14/2004	(254260)
108	08/22/2005	(400922)
109	10/05/2005	(406803)
110	08/31/2002	(9698)
111	07/10/2006	(482757)
112	08/16/2005	(404329)
113	02/27/2004	(295223)
114	02/25/2006	(456944)
115	07/28/2005	(379300)
116	04/22/2005	(419640)
117	01/10/2003	(20830)
118	08/11/2004	(287418)
119	11/30/2003	(248256)
120	06/14/2006	(480612)
121	09/07/2004	(292099)
122	10/28/2002	(157762)
123	05/17/2006	(466235)
124	06/24/2002	(157700)
125	05/26/2004	(273578)
126	03/24/2004	(295225)
127	06/21/2005	(419641)
128	12/16/2005	(451110)
129	01/10/2005	(286434)
130	09/07/2006	(510326)
131	01/28/2004	(261052)
132	05/30/2006	(459416)
133	11/12/2004	(290146)
134	01/05/2005	(289527)
135	06/24/2003	(157701)
136	12/09/2002	(14114)
137	06/23/2004	(352010)
138	04/22/2005	(419642)
139	05/25/2004	(268601)
140	01/06/2005	(344373)
141	07/17/2002	(4842)
142	04/26/2006	(455005)
143	04/23/2004	(295226)
144	07/11/2006	(482760)
145	08/13/2002	(2149)
146	10/27/2006	(515112)
147	06/21/2005	(419643)
148	11/23/2001	(157765)
149	04/27/2006	(440023)
150	12/14/2004	(341177)
151	04/01/2005	(346780)
152	05/31/2006	(480622)
153	07/23/2002	(157704)
154	01/13/2002	(246530)
155	11/27/2002	(157766)
156	02/23/2006	(455872)
157	05/25/2004	(295228)
158	09/23/2005	(440775)
159	12/30/2004	(342431)
160	02/22/2005	(350798)
161	12/30/2004	(344374)
162	04/03/2006	(455004)
163	10/31/2006	(513138)
164	07/25/2003	(157705)
165	06/05/2003	(29924)
166	05/25/2004	(266874)
167	09/23/2005	(440776)
168	12/30/2004	(344491)
169	09/29/2006	(487313)
170	12/06/2002	(13895)
171	06/28/2006	(467525)
172	02/23/2004	(248995)
173	10/13/2006	(510023)
174	05/31/2006	(455293)
175	11/06/2006	(515706)
176	12/03/2002	(13971)
177	08/31/2006	(457283)
178	08/22/2002	(157708)
179	12/27/2001	(157769)
180	07/22/2004	(352011)
181	08/31/2004	(267451)
182	11/04/2005	(431865)
183	08/31/2002	(8665)
184	07/25/2003	(157709)

185	06/15/2006	(449850)
186	12/23/2002	(157770)
187	11/23/2005	(433921)
188	12/21/2004	(342546)
189	07/23/2003	(295231)
190	08/30/2005	(401403)
191	02/21/2006	(455170)
192	10/26/2005	(433389)
193	12/05/2004	(268602)
194	05/30/2006	(460198)
195	07/27/2006	(486448)
196	05/26/2006	(460637)
197	09/23/2002	(157712)
198	01/21/2004	(252556)
199	08/12/2003	(148558)
200	08/31/2002	(10222)
201	08/18/2006	(457480)
202	11/30/2005	(437117)
203	08/31/2002	(10117)
204	08/26/2003	(295233)
205	08/30/2006	(509636)
206	01/04/2005	(288475)
207	08/23/2004	(352012)
208	01/24/2002	(157773)
209	12/11/2004	(341292)
210	12/10/2004	(338725)
211	05/10/2006	(268067)
212	08/08/2006	(482747)
213	06/18/2004	(271341)
214	08/16/2004	(279239)
215	08/03/2005	(399624)
216	03/23/2006	(290016)
217	09/22/2004	(352013)
218	10/23/2002	(157716)
219	08/01/2002	(4773)
220	01/28/2003	(157774)
221	12/11/2004	(342406)
222	03/31/2004	(260311)
223	05/30/2003	(36614)
224	05/19/2004	(256196)
225	08/16/2006	(392732)
226	09/22/2003	(295235)
227	01/04/2005	(285114)
228	08/31/2004	(268068)
229	09/26/2002	(12173)
230	10/28/2003	(252341)
231	10/23/2002	(157718)
232	10/20/2004	(352014)
233	02/13/2003	(22044)
234	10/27/2003	(295237)
235	10/31/2006	(509694)
236	08/02/2005	(400361)
237	11/29/2004	(339553)
238	08/31/2002	(10030)
239	01/24/2003	(17948)
240	10/04/2006	(512388)
241	11/26/2001	(157720)
242	08/25/2005	(405926)
243	11/26/2003	(295238)
244	08/31/2002	(9860)
245	12/15/2004	(340217)
246	12/11/2004	(342558)
247	11/22/2004	(352015)
248	01/07/2005	(288436)
249	11/21/2002	(157721)
250	08/10/2005	(403710)
251	08/28/2002	(5059)
252	05/11/2003	(26340)
253	07/11/2006	(482407)
254	12/14/2004	(342547)
255	02/23/2006	(455897)
256	08/18/2005	(404406)
257	12/23/2003	(295239)
258	03/23/2005	(381809)
259	05/09/2003	(26339)
260	08/24/2002	(4888)
261	04/24/2006	(498125)
262	06/18/2004	(270854)
263	12/20/2004	(352016)
264	07/08/2002	(1368)
265	03/28/2005	(381810)
266	04/16/2004	(256199)
267	08/28/2006	(479997)
268	05/22/2006	(498126)
269	07/20/2005	(400891)
270	01/24/2005	(381811)
271	12/19/2001	(157724)
272	05/12/2006	(461088)
273	06/20/2006	(498127)
274	01/22/2004	(295240)
275	08/31/2002	(4913)

276	01/02/2004	(252698)
277	12/29/2004	(342425)
278	11/12/2004	(288819)
279	02/22/2005	(381812)
280	03/03/2006	(455540)
281	08/29/2006	(479999)
282	07/21/2005	(400399)
283	12/30/2002	(157725)
284	03/31/2003	(10812)
285	03/22/2005	(381813)
286	02/24/2006	(438342)
287	04/28/2006	(462216)
288	01/20/2005	(381814)
289	02/01/2005	(342419)
290	11/04/2002	(14763)
291	06/16/2003	(114383)
292	12/31/2002	(13462)
293	10/05/2006	(512393)
294	01/04/2005	(288902)
295	08/31/2002	(9964)
296	03/15/2006	(458469)
297	01/05/2005	(288541)
298	08/23/2003	(36650)
299	02/25/2006	(457085)
300	05/10/2003	(450832)
301	02/05/2003	(23703)
302	01/28/2002	(157728)
303	10/05/2005	(431097)
304	12/28/2004	(338893)
305	10/28/2005	(405406)
306	08/31/2002	(4915)
307	06/23/2006	(467329)
308	06/21/2006	(467546)
309	08/05/2005	(341194)
310	05/19/2004	(295206)
311	08/28/2002	(5060)
312	01/27/2003	(157729)
313	12/23/2002	(15106)
314	07/14/2004	(260134)
315	12/17/2002	(16626)
316	11/03/2005	(431819)
317	02/24/2003	(22731)
318	06/12/2006	(455296)
319	08/31/2002	(9758)
320	11/03/2006	(513228)
321	02/28/2006	(457152)
322	02/24/2006	(468329)
323	01/10/2005	(287676)
324	07/18/2005	(379933)
325	03/23/2006	(468330)
326	08/31/2002	(10403)
327	03/16/2004	(295208)
328	10/05/2005	(431095)
329	10/24/2005	(468331)
330	07/18/2005	(379934)
331	04/21/2004	(295209)
332	08/29/2003	(149848)
333	11/28/2005	(468332)
334	11/11/2004	(289756)
335	06/03/2004	(270210)
336	11/03/2006	(513328)
337	08/05/2005	(341195)
338	02/23/2004	(432673)
339	08/14/2006	(480383)
340	12/27/2005	(468333)
341	03/09/2006	(457675)
342	08/24/2004	(352003)
343	10/31/2006	(343595)
344	01/24/2006	(468334)
345	05/19/2004	(295211)
346	02/26/2002	(157733)
347	02/28/2003	(157734)
348	10/26/2006	(512394)
349	11/14/2005	(371956)
350	01/04/2005	(342600)
351	02/16/2006	(454090)
352	08/11/2004	(287399)
353	02/04/2002	(246532)
354	08/05/2005	(341198)
355	09/30/2004	(287575)
356	06/21/2004	(295213)
357	06/13/2006	(457735)
358	03/25/2002	(157736)
359	02/12/2003	(24287)
360	10/05/2006	(512392)
361	08/16/2005	(404327)
362	10/02/2002	(12436)
363	07/26/2004	(352004)
364	03/17/2006	(451544)
365	01/06/2005	(289146)
366	08/06/2003	(114294)

367	02/23/2006	(439108)
368	01/04/2005	(293105)
369	07/13/2005	(374690)
370	03/31/2003	(157737)
371	02/21/2006	(454835)
372	06/17/2005	(392662)
373	01/09/2003	(19750)
374	08/23/2005	(404915)
375	08/24/2004	(352005)
376	08/31/2004	(292677)
377	12/17/2004	(339115)
378	08/05/2005	(341200)
379	01/10/2005	(279219)

E. Written notices of violations (NOV). (CCEDS Inv. Track. No.)

Date: 01/31/2003 (157683) Classification: Moderate
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 12/30/2004 (344491) Classification: Moderate
Self Report? NO
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Failure to control emissions.

Date: 01/21/2004 (252556) Classification: Moderate
Self Report? NO
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
Rqmt Prov: PERMIT IA
Description: Shell damaged the lube oil pump for the Recycle Gas Compr. Either possible root cause (failure to prime the pump or improperly installing the new motive screws) avoidably damaged those screws. Shell failed to control SO2 emissions during a startup activity.

Date: 08/18/2006 (457259) Classification: Minor
Self Report? NO
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: 3 OELs in SITEFE and 1 OEL in WRACKFE

Date: 06/30/2006 (520133) Classification: Moderate
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 12/14/2004 (340217) Classification: Moderate
Self Report? NO
Citation: 30 TAC Chapter 305, SubChapter F 305.125(4)
30 TAC Chapter 305, SubChapter F 305.125(5)
TWC Chapter 26 26.121(a)(1)
Description: Failure to prevent the unauthorized discharge of untreated or partially treated process, sanitary, balast, and utility wastewaters through outfall 008. The permittee is authorized to discharge storm water and fire water only to outfall 008. See attached Table 1.

Date: 06/28/2006 (467525) Classification: Moderate
Self Report? NO
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent overpressure of Secondary Debutanizer Column, V-613.

Classification: Minor
Self Report? NO
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failed to identify the preconstruction authorization.

Date: 05/31/2002 (157749) Classification: Moderate
Self Report? YES
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 08/31/2004 (272715)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to operate within the permit limits.

Date: 09/30/2004 (352007)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 09/30/2003 (295219)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 08/23/2006 (457432)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Components associated with Tank F-347 and Tank F-349 were not identified as being subject to 40 CFR 63, Subpart H.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: 10 OELs in MPLANTFE

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: 5 OELs in LPGFE; 15 OELs in IPAFINFE; 8 OELs in IPACRUFE; 1 OEL in HPLANTFE

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(2)(C)

30 TAC Chapter 116, SubChapter B 116.115(c)

~~30 TAC Chapter 122, SubChapter B 122.143(4)~~

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to monitor Valve Tag No. 301622 in IPAFINFE during the first quarter of 2005

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to inspect Tank T667B by the due date of March 2005

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 106, SubChapter K 106.261(a)(2)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: VOC emissions from V118 exceeded the combined hourly emissions limit of 6.49 lb/hr-0.52 lb/hr permitted in Permit 3173 and 5.97 lb/hr represented in PBR Registration No. 74572.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(1)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
Description: Failure to repair Component No. 200706 in IPACRUFE within seven days
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.354(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
Description: Failure to monitor a relief valve in Unit LPGFE within 24 hours after the valve released emissions to the atmosphere

Date: 01/24/2003 (17948)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(10)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
Description: Failure to identify cause of the event and failure to comply with TCEQ Air Permit 3219.

Date: 12/30/2002 (13462)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to comply with permitted effluent limits for pH, Oil and Grease, TOC, and BOD.

Date: 01/07/2005 (288436)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 11/30/2004 (352009)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 03/31/2005 (419640)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/13/2002 (246530)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 12/08/2005 (418800)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to maintain compliance with the effluent permit limits. Effluent violations were reported for ammonia-nitrogen at outfall 104 in 07/05 and for calcium, nickel and fecal coliform at outfall 001 in 03/05.

Date: 07/31/2005 (419643)

Self Report? YES
Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/14/2004 (254260)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT IA
Description: Main induced-draft fan on Boiler H-8610 shut down when governor seized due to dirty oil (inadequate attention to the status of the oil). The (large) boiler tripped on loss of the fan. Two olefin plants were shut down due to insufficient steam supply to the steam turbines driving the large critical compressors.

Date: 07/14/2006 (467608)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent unauthorized emissions during decoking of furnace FOL170.

Date: 01/09/2005 (289381)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 06/16/2006 (510170)
Self Report? NO
Classification: Minor
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Rqmt Prov: PERMIT IA
Description: Using unapproved self-generated Discharge Monitoring Report (DMR) forms to report monitoring results.

Date: 08/17/2005 (404327)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 110.

Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 150.

Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 180.

Date: 12/28/2004 (290091)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to avoid loss of cooling in the PRC surface condensate system.

Date: 06/20/2005 (395120)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent spill during tank heel transfer.

Self Report? NO
Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failure to submit an emissions event in a timely manner.

Date: 01/04/2005 (342600)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to control hydrate formation in the demethanizer column.

Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
Description: Failure to report emissions event in a timely manner.

Date: 04/30/2004 (295228)

Self Report? YES
Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 02/27/2006 (438342)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failed to control unauthorized emissions.

Date: 11/30/2001 (157769)
Self Report? YES
Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 08/31/2004 (267451)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA
Description: Failure to prevent unauthorized emissions.

Date: 06/30/2004 (352011)
Self Report? YES
Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 10/10/2005 (406428)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to control emissions.

Date: 12/31/2001 (157773)
Self Report? YES
Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 07/31/2006 (440775)
Self Report? YES
Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 07/13/2004 (260134)
Self Report? NO
Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA
Description: Failure to report an emissions event in a timely manner.

Date: 09/22/2004 (335028)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.46(m)
Description: Failure to maintain all pressure maintenance facilities and related appurtenances in a watertight condition.

Date: 02/23/2006 (439108)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA
Description: Exceeded permit limits during an avoidable emissions event.

Date: 08/31/2006 (457283) 410
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to analyze wastewater for isobutyraldehyde

Self Report? NO — Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.132(a)[G]
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to meet the control requirements for VOC water separators NAPI and SAPI

Self Report? NO — Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.116b(f)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to obtain vapor pressure sample from T-1318

Self Report? NO — Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(f)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to monitor the presence of the pilot flame on the A&S Flare, EPN A1301

Date: 08/28/2006 (479997)

Self Report? NO — Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(2)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: Failure to repair Component No. 64110.P in OP2FUG within 15 days

Self Report? NO — Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: Forty-nine incidences of open-ended lines in OP2FUG

Self Report? NO — Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: 26 OELs in OL3FUG and 4 OELs in PYR3FUG

Self Report? NO — Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT UU 63.1033(b)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: 28 OELs in OL3FUG, 4 OELs in OP2FUG, and 25 OELs in PYR3FUG

Self Report? NO — Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: Exceedance of VOC MAER in tpy for the Olefins Flare System

Date: 11/30/2003 (295239)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 06/15/2006 (457735)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent a leak from a line that was bent beyond its minimum flex radius creating a weak point that resulted in unauthorized emissions.

Date: 12/31/2001 (157728)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 04/29/2005 (344372)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to control emissions.

Date: 12/31/2002 (157729)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 05/17/2006 (461235)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.665(f)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(j)(7)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
Description: Failure to record whether the pilot flame was continuously present during each hour for Flares OP2ELFLA and OP3ELFLA

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and OP3GRFLA.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: Operation of Flares OP2ELFLA, OP3ELFLA and OP3GRFLA with visible emissions .

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: Nine OELs in HT2; 2 OELs in CIPX

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to seal 18 OELs in IRU.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to seal OELs in BD3.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Furnaces FOL-601 and FOL-602 exceeded the permitted maximum hourly firing rates.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: The fuel gas used by Furnaces FOL601, FOL602, FOL603 and FOL604 exceeded the permitted maximum H2S concentration.

Date: 09/30/2005 (468331)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 04/04/2006 (455004)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA

Description: Failure to control unauthorized emissions for Incident #64365.

Date: 02/04/2002 (246532)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 11/22/2004 (285617)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to operate within the permit limits.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)

Description: Failure to indicate the air contaminants from the flare completely in the final report.

Date: 06/28/2003 (33595)

Self Report? NO Classification: Moderate

Citation: 5C THC Chapter 382, SubChapter A 382.085(a)

Description: Failed to prevent an emissions release by good design, operation, and maintenance practices.

Date: 05/11/2003 (26340)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

Description: Shell failed to prevent unauthorized emissions from an activity or event that could have been foreseen and avoided by good design, operation, and maintenance practices.

Date: 08/29/2006 (479999)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: One OEL in ACUFUG and one OEL in FUGOXU

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Incomplete records of furnace firing rates for the ACU furnace, EPN H902

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.120(a)(3)(iii)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to conduct internal inspection of Tank F-361 by the due date of May 2005

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Operation of the East Property Flare with visible emissions

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to visually inspect Tank G-359 by the due date of August 16, 2005

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to provide notification to the TCEQ 30 days in advance of taking gap measurements in Tank G-359

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(2)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to perform the annual seal gap inspection for Tank G-343 by the due date of September 1, 2005.

Date: 01/04/2004 (251319)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT IA

Description: Shell allowed 237 lbs of unauthorized emissions of mesityl oxide (a highly irritating ketone, which overflowed Tank T-40-16 due to an inaccurate level indicator and failure to respond to a high level alarm from the back up high level alarm system.

Date: 12/16/2002 (16626)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 290, SubChapter D 290.43(c)(1)

Description: Failure to protect the vent opening on the ground storage tank with a 16-mesh or finer corrosion resistant screen.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.42(e)(3)(D)

Description: Failure to provide scales for determining the amount of disinfectant used daily.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)

Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)

Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.

Date: 02/28/2002 (157736) 5

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 11/03/2006 (513328)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.223(a)(1)
5C THC Chapter 382, SubChapter D 382.085(b)
Description: Shell failed to submit a CAP in a timely manner.

Date: 05/31/2006 (455293)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent an operator error resulting in unauthorized emissions.

Date: 07/31/2003 (157709)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 12/30/2004 (344374)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Failure to Control Emissions

F. Environmental audits.

Notice of Intent Date: 05/27/2003 (112481)
No DOV Associated

Notice of Intent Date: 06/13/2003 (251436)
No DOV Associated

Notice of Intent Date: 06/12/2003 (251440)
Disclosure Date: 09/04/2003
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B 115.116(a)[G]
Description: Failure to maintain and compile inspection reports that document all of the elements required by the applicable regulations.

Notice of Intent Date: 08/12/2003 (251504)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251740)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251760)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263020)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263024)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263025)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263029)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263033)
Disclosure Date: 12/07/2004
Viol. Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter B 115.136(a)(1)
30 TAC Chapter 115, SubChapter B 115.136(a)(4)
Description: records not available for daily sampling/analysis results for vapor pressure of the wastewater streams procssed by the unit's API separator

Notice of Intent Date: 10/28/2004 (263123)

No DOV Associated

Notice of Intent Date: 04/28/2003 (263686)
No DOV Associated

Notice of Intent Date: 01/12/2003 (32908)
No DOV Associated

Notice of Intent Date: 02/26/2003 (263866)
No DOV Associated

Notice of Intent Date: 02/20/2004 (265126)
No DOV Associated

Notice of Intent Date: 12/20/2002 (265131)
Disclosure Date: 06/24/2003

Viol. Classification: Major
Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]

Description: Failed to authorize emissions from rail car cleaning.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.10[G]

Description: Failed to report emissions from EPN Carclean in emissions inventory.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.541[G]

Description: Failed to justify control efficiency of railcar cleaning CAS.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.546[G]

Description: Failed to keep records of CAS breakthrough monitoring.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.132(e)(4)(C)(iii)

Description: failed to submit compliance plan with application
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F 115.541[G]

Description: failed to process tank cars with partial vapor pressure of >= 0.5 psia through properly operating control system

Notice of Intent Date: 02/26/2003 (29900)
No DOV Associated

Notice of Intent Date: 11/19/2001 (32880)
No DOV Associated

Notice of Intent Date: 01/18/2002 (32901)
Disclosure Date: 02/08/2002

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.663(b)(1)

40 CFR Part 60, Subpart NNN 60.665(d)

40 CFR Part 60, Subpart NNN 60.665(f)

40 CFR Part 60, Subpart NNN 60.665(m)

Description: Failure to acquire approval to waive the requirements of a continuous pilot flame recorder for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.663(b)(2)

40 CFR Part 60, Subpart NNN 60.665(d)

40 CFR Part 60, Subpart NNN 60.665(m)

Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN 60.665(l)(1)

40 CFR Part 60, Subpart NNN 60.665(l)(2)

40 CFR Part 60, Subpart NNN 60.665(l)(4)

40 CFR Part 60, Subpart NNN 60.665(m)

40 CFR Part 60, Subpart NNN 60.665(p)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7[G]

Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FINID numbers IRUFLR and TRUFLRG.

Notice of Intent Date: 01/12/2003 (32908)
No DOV Associated

Notice of Intent Date: 03/01/2002 (32928)
No DOV Associated

Notice of Intent Date: 03/19/2002 (32937)
No DOV Associated

Notice of Intent Date: 04/12/2002 (32949)
No DOV Associated

Notice of Intent Date: 05/30/2002 (32974)
No DOV Associated

Notice of Intent Date: 06/26/2002 (32979)
No DOV Associated

Notice of Intent Date: 08/19/2002 (33022)
No DOV Associated

Notice of Intent Date: 09/04/2002 (33051)
No DOV Associated

Notice of Intent Date: 09/16/2002 (33069)
No DOV Associated

Notice of Intent Date: 10/29/2002 (33101)
No DOV Associated

Notice of Intent Date: 11/20/2002 (33116)
No DOV Associated

Notice of Intent Date: 08/06/2004 (334038)
Disclosure Date: 10/12/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1) Req Prpv: PERMITCompliance b. Operational Requirements 1

PERMITGeneral b.

Description: noncompliance with requirement to maintain all facilities and systems of treatment and control (and related appurtenances)

Notice of Intent Date: 08/06/2004 (334047)

Disclosure Date: 08/26/2004

Viol. Classification: Moderate
Citation:
Description: 30 TAC Chapter 335, SubChapter A; 40 CFR Chapter 261, SubChapter I, PT 261, SubPT A
Failure to characterize a process water stream from a leaking economizer, which contained K022 waste.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter C; 30 TAC Chapter 335, SubChapter R; 409 CFR Chapter 262, SubChapter I, PT 262, SubPT A
Description: characterize wastewater treatment plant residues carrying the K022 waste code.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter A
Description: of K022 WWTP residual solids at a Class 1 non-hazardous waste landfill.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter D
Description: amend RCRA permit to reflect management of K022 waste.

Viol. Classification: Moderate
Requirement: Permit 1. General b.
Description: discharge of process water to storm water impoundment basins.

Notice of Intent Date: 08/27/2004 (334576)
No DOV Associated

Notice of Intent Date: 07/16/2002 (33993)
No DOV Associated

Notice of Intent Date: 10/12/2004 (349555)
No DOV Associated

Notice of Intent Date: 11/11/2004 (349565)
No DOV Associated

Notice of Intent Date: 01/04/2005 (349867)
Disclosure Date: 06/17/2005

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C 113.320

40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(d)(5)

Description: documentation was not readily available to fully demonstrate that a formal refinery maximum achievable control technology applicability determination (ie >5% HAPS) had been made for equipment in light crude service

Viol. Classification: Minor
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(1)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(3)

Description: one New Source Performance Standard (NSPS) notification for Start of Construction and Start of Operation for the CGHT unit could not be located

Viol. Classification: Minor
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(a)(3)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(b)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(4)

Description: documentation was not readily available to fully demonstrate that the process to determine if a project triggered NSPS "Modification" was being completed for NSPS Subpart GGG compliance

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.10(b)[G]

30 TAC Chapter 101, SubChapter A 101.10(c)

30 TAC Chapter 101, SubChapter A 101.10(d)

30 TAC Chapter 101, SubChapter A 101.10(e)

40 CFR Chapter 372, SubChapter J, PT 372, SubPT B 372.30(a)

Description: emissions from fueling of vehicles in the Deer Park Refinery were not included in emissions inventories as required

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.10(d)(5)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.6(e)(3)(i)

Description: documentation was not readily available to demonstrate the development of a formal startup, shutdown, and malfunction plan (SSMP), and to document that when appropriate, a semi-annual report was submitted

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C 113.320

40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.640(l)(3)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(f)(1)(ii)

Description: documentation was not readily available to fully demonstrate the group 1 or group 2 applicability determination for miscellaneous process vents

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C 113.110

40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(4)(i)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(6)

Description: although monthly monitoring of cooling water return to the HON SWT was conducted and no leaks were detected, it is unclear whether there was complete compliance wiht HON requirements

Viol. Classification: Moderate
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(a)(1)(i)(A)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(h)

Description: annual LDAR instrument monitoring of CPI and IGF benzene wastewater equipment had not been performed as required by benzene waste NESHAP regulations

Viol. Classification: Moderate
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(a)(1)(i)(A)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(b)

Description: periodic visual inspection of the CPI and IGF benzene wastewater equipment to ensure access hatches and other openings are properly closed and gasketed had not been performed as required by the benzene waste NESHAP regulations

Notice of Intent Date: 01/06/2005 (349868)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350720)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350721) 41
Disclosure Date: 03/23/2005

Viol. Classification: Moderate
Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(b)[G]

40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(c)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(d)

Description: failed to meet requirements for maintenance/start-up/shutdown related activities
Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C 113.110

Description: incorporation by reference of 40 CFR 63 Subpart F (SOCMI MACT standard)

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C 113.120

Description: incorporation by reference of 40 CFR 63 Subpart G (SOCMI for Process Vents, Storage Vessels, Transfer Operations, and Wastewater MACT standard)

Notice of Intent Date: 01/27/2005 (350723)
Disclosure Date: 07/06/2005

Viol. Classification: Moderate
Citation: 40 CFR Chapter 262, SubChapter I, PT 262, SubPT C 262.34[G]

30 TAC Chapter 335, SubChapter C 335.69[G]

Description: Equipment associated with a decommissioned cumene unit in the Phenol Acetone Production Areas was not properly decontaminated when shut down in 2001. Process vessels, pumps, exchangers, and piping contain material that meets the definition of a characteristically hazardous waste (D002, D018).

Notice of Intent Date: 01/05/2005 (371573)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375030)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375031)
Disclosure Date: 07/14/2005

Viol. Classification: Minor
Req Prpv: PERMITAir New Source Permit No. 9334 SC 10.D

Description: no notification 30 days in advance of 11/04 seal gap measurement for Aromatics EFR tank G-359
Viol. Classification: Minor
Req Prpv: PERMITAir New Source Permits

Description: no notification 30 days in advance of refilling of Solvents IFR tank T140B, Phenol Acetone IFR tank D391, Solvents IFR tank F337

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C 113.120
Req Prpv: PERMITPermit 9334 Special Condition 10D

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.120(a)(3)(iii)
PERMITPermit 9334 Special Condition 10D

Description: no 10 yr internal seal inspection of Aromatics IFR tank F-361
Notice of Intent Date: 04/15/2005 (380864)
No DOV Associated

Notice of Intent Date: 05/18/2005 (396476)
No DOV Associated

Notice of Intent Date: 06/19/2003 (397860)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434090)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434095)
No DOV Associated

Notice of Intent Date: 11/04/2005 (438422)
No DOV Associated

Notice of Intent Date: 11/20/2003 (449697)
No DOV Associated

Notice of Intent Date: 12/02/2005 (451075)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452942)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452952)
No DOV Associated

Notice of Intent Date: 04/16/2006 (463688)
No DOV Associated

Notice of Intent Date: 05/22/2006 (454159)
No DOV Associated

G. Type of environmental management systems (EMSs).

Non 30 TAC CH 90 Certified, ISO 14001:2004, installed 1/12/2005, certified 1/19/2006

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

Type	Tier	Certification Date
CLEAN TEXAS PROGRAM	PARTNERSHIP	12/20/2004
CLEAN TEXAS PROGRAM	PARTNER	12/20/2004

J. Early compliance.

N/A

Sites Outside of Texas

N/A

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	Shell Chemical Company	CUSTOMER NO.:	CN601405145
REGULATED ENTITY:	Shell Chemical Company Deer Park	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 Hwy 225		
REG. ENTITY CITY:	Deer Park		

Violations

EPA CASE NO.:	06-1998-0547	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20011015	STATUTE: CAA	SECT. OF STATUTE: 112R
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	CITE PART: CITE SECT.:
CASE RESULT:	Final Order With Penalty	PROGRAM:	NESHAPs
		VIOLATION TYPE:	Other/Miscellaneous

Penalty Calculation Worksheet (PCW)

Policy Revision 2 (September 2002) — *PCW Revision December 8, 2006*

TCEQ

DATES						
Assigned	26-Feb-2007					
PCW	30-Jan-2008	Screening	6-Mar-2007	EPA Due	1-Dec-2007	

RESPONDENT/FACILITY INFORMATION

Respondent	Shell Chemical LP		
Reg. Ent. Ref. No.	RN100211879		
Facility/Site Region	12-Houston	Major/Minor Source	Major

CASE INFORMATION

Enf./Case ID No.	28867	No. of Violations	3
Docket No.	2006-0328-MLM-E	Order Type	Findings
Media Program(s)	Air Quality	Enf. Coordinator	Trina Grieco
Multi-Media		EC's Team	EnforcementTeam 5
Admin. Penalty $ Limit Minimum	$0	Maximum	$10,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) — *Subtotal 1*: $40,000

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History — 322% Enhancement — *Subtotals 2, 3, & 7*: $128,800

Notes: The penalty was enhanced by 37 NOVs for the same or similar violations, 22 NOVs for unrelated violations, two findings orders, five 1660-style orders, and one consent decree/court order. The penalty was reduced by 54 Notices of Audit, nine Disclosures of Violations, an environmental management system in place, and participation in a voluntary pollution reduction program.

Culpability — No — 0% Enhancement — *Subtotal 4*: $0

Notes: Respondent does not meet the culpability criteria.

Good Faith Effort to Comply — 0% Reduction — *Subtotal 5*: $0

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary		
N/A	X	(mark with x)

Notes: The Respondent does not meet the good faith criteria.

0% Enhancement* — *Subtotal 6*: $0

**Capped at the Total EB $ Amount*

Total EB Amounts	$284
Approx. Cost of Compliance	$5,500

SUM OF SUBTOTALS 1-7 — *Final Subtotal*: $168,800

OTHER FACTORS AS JUSTICE MAY REQUIRE — *Adjustment*: $0

Reduces or enhances the Final Subtotal by the indicated percentage. *(Enter number only; e.g. -30 for -30%.)*

Notes: No deferral offered as this is not an expedited order.

Final Penalty Amount: $168,800

STATUTORY LIMIT ADJUSTMENT — *Final Assessed Penalty*: $40,000

DEFERRAL — 0% Reduction — *Adjustment*: $0

Reduces the Final Assessed Penalty by the indicted percentage. *(Enter number only; e.g. 20 for 20% reduction.)*

Notes: No deferral is recommended for Findings Orders.

PAYABLE PENALTY: $40,000

PCW 10

Screening Date 6-Mar-2007 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision December 8, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Compliance History Worksheet

>> Compliance History *Site* Enhancement (Subtotal 2)

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (*number of NOVs meeting criteria*)	37	185%
	Other written NOVs	22	44%
Orders	Any agreed final enforcement orders containing a denial of liability (*number of orders meeting criteria*)	5	100%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	2	50%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (*number of judgements or consent decrees meeting criteria*)	1	30%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (*number of counts*)	0	0%
Emissions	Chronic excessive emissions events (*number of events*)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which notices were submitted)*	54	-54%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (*number of audits for which violations were disclosed*)	9	-18%

		Please Enter Yes or No	
Other	Environmental management systems in place for one year or more	Yes	-10%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	Yes	-5%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 322%

>> Repeat Violator (Subtotal 3)

No ***Adjustment Percentage (Subtotal 3)*** 0%

>> Compliance History Person Classification (Subtotal 7)

Average Performer ***Adjustment Percentage (Subtotal 7)*** 0%

>> Compliance History Summary

Compliance History Notes

The penalty was enhanced by 37 NOVs for the same or similar violations, 22 NOVs for unrelated violations, two findings orders, five 1660-style orders, and one consent decree/court order. The penalty was reduced by 54 Notices of Audit, nine Disclosures of Violations, an environmental management system in place, and participation in a voluntary pollution reduction program.

Total Adjustment Percentage (Subtotals 2, 3, & 7) 322%

Screening Date 6-Mar-2007 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP and Shell Oil Company *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision December 8, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number 1 Item 171; Inv. 457345; Incident 64645

Rule Cite(s) 30 Tex. Admin. Code §§ 101.20(3) and 116.715(a), Flexible Air Permit No. 21262/PSD-TX-928, Special Condition No. 1 and Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to prevent unauthorized emissions of 9,630 pounds ("lbs") of carbon monoxide, 250 lbs of hydrogen sulfide, 1,333 lbs of nitrogen oxide, 71 lbs of particulate matter, and 23,024 lbs of sulfur dioxide from being released from the downstream recycle hydrogen line in the Coker Unit. The event occurred on September 15, 2005 and lasted for 2 hours. These emissions are not authorized by the permit. Since the emissions event could have been avoided by good operation and maintenance practices, Shell failed to meet the demonstrations for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> Environmental, Property and Human Health Matrix

OR	Release	Harm: Major	Moderate	Minor
	Actual	x		
	Potential			

Percent 100%

>>Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent 0%

Matrix Notes Human health or the environment has been exposed to a significant amount of pollutants which exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment $0

$10,000

Violation Events

Number of Violation Events 1 — 1 Number of violation days

mark only one with an x

daily	x
monthly	
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty $10,000

One daily event is recommended.

Economic Benefit (EB) for this violation — Statutory Limit Test

Estimated EB Amount $0

Violation Final Penalty Total $42,200

This violation Final Assessed Penalty (adjusted for limits) $10,000

Economic Benefit Worksheet

Respondent: Shell Chemical LP and Shell Oil Company
Case ID No.: 28867
Reg. Ent. Reference No.: RN100211879
Media: Air Quality
Violation No.: 1

Percent Interest	Years of Depreciation
5.0	15

Item Description (No commas or $)	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$2,000	15-Sep-2005	15-Sep-2005	0.0	$0	n/a	$0
Notes for DELAYED costs	Estimated costs to improve the procedures, equipment, and communications that contributed to the emissions event. Date required is the date of the emissions event. Final date is the date of compliance.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance: $2,000

TOTAL: $0

Screening Date 6-Mar-2007 | Docket No. 2006-0328-MLM-E | PCW

Respondent Shell Chemical LP and Shell Oil Company

Policy Revision 2 (September 2002)

Case ID No. 28867

PCW Revision December 8, 2006

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number 2 Item No. N/A; Inv. 509707; Incident 76808

Rule Cite(s) 30 Tex. Admin. Code §§ 101.20(3) and 116.715(a), Flexible Air Permit No. 21262/PSD-TX-928, Special Condition No. 1 and Tex. Health & Safety Code § 382.085(b)

Violation Description: Failed to prevent unauthorized emissions of 1,159.2 lbs of butane, 1,007 lbs of carbon monoxide, 5.45 lbs of hexane, 265 lbs of hydrogen sulfide, 1.01 lbs of isobutane, 2.45 lbs of isopentane, 139 lbs of nitrogen dioxide, 25.6 lbs of particulate matter, 4.83 lbs of pentane, 329 lbs of propane, 24,369 lbs of sulfur dioxide, and 494 lbs of volatile organic compounds ("VOCs") from the East Property Flare. The event occurred on June 7, 2006 and lasted for 8 hours. These emissions are not authorized by the permit. Since the emissions event could have been avoided by good operation and maintenance practices, Shell failed to meet the demonstrations for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> Environmental, Property and Human Health Matrix

OR

Release	Harm: Major	Moderate	Minor
Actual	x		
Potential			

Percent 100%

>>Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent 0%

Matrix Notes: Human health or the environment has been exposed to a significant amount of pollutants which exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment $0

$10,000

Violation Events

Number of Violation Events 1

1 Number of violation days

mark only one with an x

daily	x
monthly	
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty $10,000

One daily event is recommened.

Economic Benefit (EB) for this violation

Estimated EB Amount $124

Statutory Limit Test

Violation Final Penalty Total $42,200

This violation Final Assessed Penalty (adjusted for limits) $10,000

Economic Benefit Worksheet

Respondent Shell Chemical LP and Shell Oil Company
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media Air Quality
Violation No. 2

Percent Interest	Years of Depreciation
5.0	15

Item Description (No commas or $)	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$2,000	7-Jun-2006	2-Sep-2007	1.2	$124	n/a	$124
Notes for DELAYED costs	Estimated costs to improve the procedures, equipment, and communications that contributed to the emissions event. Date required is the date of the emissions event. Final date is the expected date of compliance.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance	$2,000	TOTAL	$124

Screening Date 6-Mar-2007 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP and Shell Oil Company *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision December 8, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Trina Grieco

Violation Number 3 Item 123; Inv. 406521; Incidents 58129, 57402, 57399, 57409, and 57403

Rule Cite(s) 30 Tex. Admin. Code §§ 101.20(3) and 116.115(b)(2)(F) and Permit No. 3219/ PSD-TX-974, General Condition No. 8 and Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to prevent unauthorized emissions of 24,291 pounds ("lbs") of VOCs, 17,091 lbs of carbon monoxide, 2,367 lbs of nitrogen oxides, and 99 lbs of sulfur dioxide released from the OP2, OP3 Elevated Flares, and the OP3 Ground Flares. The permitted emissions limit are as follows: 464 pounds per hour ("lbs/hr") of VOCs, 287 lbs/hr of carbon monoxide, 56 lbs/hr of nitrogen oxides, and 483 lbs/hr of sulfur dioxides. The event occurred on April 26, 2005 and lasted for 33 hours. Since the emissions event was avoidable and determined to be excessive, Shell failed to meet the demonstrations for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> Environmental, Property and Human Health Matrix

Release	Harm: Major	Moderate	Minor
Actual	x		
Potential			

OR

Percent 100%

>>Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent 0%

Matrix Notes: Human health or the environment has been exposed to a significant amount of pollutants which exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment $0

$10,000

Violation Events

Number of Violation Events 2 — 2 Number of violation days

mark only one with an x

daily	x
monthly	
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty $20,000

Two daily events are recommended.

Economic Benefit (EB) for this violation — Statutory Limit Test

Estimated EB Amount $160

Violation Final Penalty Total $84,400

This violation Final Assessed Penalty (adjusted for limits) $20,000

Economic Benefit Worksheet

Respondent Shell Chemical LP and Shell Oil Company
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media Air Quality
Violation No. 3

Percent Interest	Years of Depreciation
5.0	15

	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Item Description	No commas or $						
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$1,500	26-Apr-2005	16-Jun-2007	2.1	$160	n/a	$160
Notes for DELAYED costs	Estimated costs to improve the procedures, equipment, and communications that contributed to the emissions event. Date required is the date of the emissions event. Final date is the date of compliance.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance	$1,500	TOTAL	$160

Compliance History

Customer/Respondent/Owner-Operator: CN601651326 Shell Deer Park Refining Company Classification: AVERAGE Rating: 4.75

Regulated Entity: RN100211879 SHELL OIL DEER PARK Classification: AVERAGE Site Rating: 4.75

ID Number(s):

AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0659W
AIR OPERATING PERMITS	PERMIT	1669
AIR OPERATING PERMITS	PERMIT	1668
AIR OPERATING PERMITS	PERMIT	1940
AIR OPERATING PERMITS	PERMIT	1941
AIR OPERATING PERMITS	PERMIT	1942
AIR OPERATING PERMITS	PERMIT	1943
AIR OPERATING PERMITS	PERMIT	1945
AIR OPERATING PERMITS	PERMIT	1946
AIR OPERATING PERMITS	PERMIT	1947
AIR OPERATING PERMITS	PERMIT	1948
AIR OPERATING PERMITS	PERMIT	2108
AIR OPERATING PERMITS	PERMIT	3179
WASTEWATER	PERMIT	WQ0000402000
WASTEWATER	PERMIT	TPDES0004863
WASTEWATER	PERMIT	TX0004863
WASTEWATER	PERMIT	WQ0000403000
WASTEWATER	PERMIT	TPDES0004871
AIR NEW SOURCE PERMITS	PERMIT	3180
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	947405W
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	REGISTRATION	54895
AIR NEW SOURCE PERMITS	REGISTRATION	55312
AIR NEW SOURCE PERMITS	REGISTRATION	76382
AIR NEW SOURCE PERMITS	REGISTRATION	75524
AIR NEW SOURCE PERMITS	REGISTRATION	55717
AIR NEW SOURCE PERMITS	REGISTRATION	55730
AIR NEW SOURCE PERMITS	REGISTRATION	55869
AIR NEW SOURCE PERMITS	REGISTRATION	76315
AIR NEW SOURCE PERMITS	EPA ID	PSDTX815
AIR NEW SOURCE PERMITS	PERMIT	PSDTX974
AIR NEW SOURCE PERMITS	PERMIT	PSDTX961
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928M1
AIR NEW SOURCE PERMITS	PERMIT	48912
AIR NEW SOURCE PERMITS	PERMIT	56476
AIR NEW SOURCE PERMITS	PERMIT	56496
AIR NEW SOURCE PERMITS	PERMIT	70389
AIR NEW SOURCE PERMITS	PERMIT	70613
AIR NEW SOURCE PERMITS	PERMIT	70903
AIR NEW SOURCE PERMITS	PERMIT	71223
AIR NEW SOURCE PERMITS	PERMIT	48909
AIR NEW SOURCE PERMITS	PERMIT	PSDTX896
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928
AIR NEW SOURCE PERMITS	REGISTRATION	71567
AIR NEW SOURCE PERMITS	PERMIT	52089
AIR NEW SOURCE PERMITS	PERMIT	52088
AIR NEW SOURCE PERMITS	PERMIT	50388
AIR NEW SOURCE PERMITS	PERMIT	50423
AIR NEW SOURCE PERMITS	PERMIT	50548
AIR NEW SOURCE PERMITS	PERMIT	52565
AIR NEW SOURCE PERMITS	PERMIT	50815
AIR NEW SOURCE PERMITS	PERMIT	54061
AIR NEW SOURCE PERMITS	PERMIT	52476
AIR NEW SOURCE PERMITS	PERMIT	52477
AIR NEW SOURCE PERMITS	PERMIT	70612
AIR NEW SOURCE PERMITS	REGISTRATION	74572
AIR NEW SOURCE PERMITS	REGISTRATION	75045
AIR NEW SOURCE PERMITS	EPA ID	PSDTX974
AIR NEW SOURCE PERMITS	REGISTRATION	76699
AIR NEW SOURCE PERMITS	EPA ID	PSDTX896
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928M1
AIR NEW SOURCE PERMITS	EPA ID	PSDTX961
AIR NEW SOURCE PERMITS	REGISTRATION	77284
AIR NEW SOURCE PERMITS	REGISTRATION	77952
AIR NEW SOURCE PERMITS	REGISTRATION	76265
AIR NEW SOURCE PERMITS	REGISTRATION	78624
AIR NEW SOURCE PERMITS	REGISTRATION	78816
AIR NEW SOURCE PERMITS	REGISTRATION	78839
AIR NEW SOURCE PERMITS	REGISTRATION	78864
AIR NEW SOURCE PERMITS	PERMIT	6949
AIR NEW SOURCE PERMITS	PERMIT	7855
AIR NEW SOURCE PERMITS	PERMIT	9856
AIR NEW SOURCE PERMITS	PERMIT	11177
AIR NEW SOURCE PERMITS	PERMIT	12152
AIR NEW SOURCE PERMITS	PERMIT	12537
AIR NEW SOURCE PERMITS	PERMIT	13373

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AIR NEW SOURCE PERMITS	PERMIT	13713
AIR NEW SOURCE PERMITS	PERMIT	16429
AIR NEW SOURCE PERMITS	PERMIT	1119
AIR NEW SOURCE PERMITS	PERMIT	1120
AIR NEW SOURCE PERMITS	PERMIT	3178
AIR NEW SOURCE PERMITS	PERMIT	3179
AIR NEW SOURCE PERMITS	PERMIT	3216
AIR NEW SOURCE PERMITS	PERMIT	5801
AIR NEW SOURCE PERMITS	PERMIT	6791
AIR NEW SOURCE PERMITS	PERMIT	7621
AIR NEW SOURCE PERMITS	PERMIT	9334
AIR NEW SOURCE PERMITS	PERMIT	10888
AIR NEW SOURCE PERMITS	PERMIT	11096
AIR NEW SOURCE PERMITS	PERMIT	11586
AIR NEW SOURCE PERMITS	PERMIT	12373
AIR NEW SOURCE PERMITS	PERMIT	12829
AIR NEW SOURCE PERMITS	PERMIT	13678
AIR NEW SOURCE PERMITS	PERMIT	15961
AIR NEW SOURCE PERMITS	PERMIT	8236
AIR NEW SOURCE PERMITS	PERMIT	9505
AIR NEW SOURCE PERMITS	PERMIT	15262
AIR NEW SOURCE PERMITS	PERMIT	15365
AIR NEW SOURCE PERMITS	PERMIT	15499
AIR NEW SOURCE PERMITS	PERMIT	15940
AIR NEW SOURCE PERMITS	PERMIT	18209
AIR NEW SOURCE PERMITS	PERMIT	18576
AIR NEW SOURCE PERMITS	PERMIT	18738
AIR NEW SOURCE PERMITS	PERMIT	18768
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	PERMIT	22038
AIR NEW SOURCE PERMITS	PERMIT	23273
AIR NEW SOURCE PERMITS	PERMIT	24096
AIR NEW SOURCE PERMITS	PERMIT	24874
AIR NEW SOURCE PERMITS	PERMIT	26368
AIR NEW SOURCE PERMITS	PERMIT	27598
AIR NEW SOURCE PERMITS	PERMIT	29597
AIR NEW SOURCE PERMITS	PERMIT	32282
AIR NEW SOURCE PERMITS	PERMIT	33524
AIR NEW SOURCE PERMITS	PERMIT	34230
AIR NEW SOURCE PERMITS	PERMIT	34358
AIR NEW SOURCE PERMITS	PERMIT	35243
AIR NEW SOURCE PERMITS	PERMIT	35608
AIR NEW SOURCE PERMITS	PERMIT	37206
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0659W
AIR NEW SOURCE PERMITS	AFS NUM	4820100039
AIR NEW SOURCE PERMITS	PERMIT	96
AIR NEW SOURCE PERMITS	PERMIT	97
AIR NEW SOURCE PERMITS	PERMIT	266
AIR NEW SOURCE PERMITS	PERMIT	747
AIR NEW SOURCE PERMITS	PERMIT	748
AIR NEW SOURCE PERMITS	PERMIT	920
AIR NEW SOURCE PERMITS	PERMIT	1920
AIR NEW SOURCE PERMITS	PERMIT	1968
AIR NEW SOURCE PERMITS	PERMIT	2597
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	PERMIT	3177
AIR NEW SOURCE PERMITS	PERMIT	3214
AIR NEW SOURCE PERMITS	PERMIT	3215
AIR NEW SOURCE PERMITS	PERMIT	3217
AIR NEW SOURCE PERMITS	PERMIT	3218
AIR NEW SOURCE PERMITS	PERMIT	3219
AIR NEW SOURCE PERMITS	PERMIT	3985A
AIR NEW SOURCE PERMITS	PERMIT	4256
AIR NEW SOURCE PERMITS	PERMIT	4406
AIR NEW SOURCE PERMITS	PERMIT	4586
AIR NEW SOURCE PERMITS	PERMIT	4933
AIR NEW SOURCE PERMITS	PERMIT	41920
AIR NEW SOURCE PERMITS	PERMIT	41875
AIR NEW SOURCE PERMITS	PERMIT	42221
AIR NEW SOURCE PERMITS	PERMIT	42573
AIR NEW SOURCE PERMITS	PERMIT	42512
AIR NEW SOURCE PERMITS	PERMIT	43605
AIR NEW SOURCE PERMITS	PERMIT	42118
AIR NEW SOURCE PERMITS	PERMIT	45654
AIR NEW SOURCE PERMITS	PERMIT	45653
AIR NEW SOURCE PERMITS	PERMIT	45652
AIR NEW SOURCE PERMITS	PERMIT	45944
AIR NEW SOURCE PERMITS	PERMIT	46535
AIR NEW SOURCE PERMITS	PERMIT	47575
AIR NEW SOURCE PERMITS	REGISTRATION	79604
AIR NEW SOURCE PERMITS	REGISTRATION	80525
AIR NEW SOURCE PERMITS	REGISTRATION	80503
INDUSTRIAL AND HAZARDOUS WASTE	EPA ID	TXD067285973

GENERATION INDUSTRIAL AND HAZARDOUS WASTE	SOLID WASTE REGISTRATION # (SWR)	30007
GENERATION INDUSTRIAL AND HAZARDOUS WASTE	PERMIT	50099
STORAGE INDUSTRIAL AND HAZARDOUS WASTE	PERMIT	50099
STORAGE INDUSTRIAL AND HAZARDOUS WASTE	PERMIT	50099
STORAGE UNDERGROUND INJECTION CONTROL	PERMIT	WDW172
UNDERGROUND INJECTION CONTROL	PERMIT	WDW173
PETROLEUM STORAGE TANK STAGE II	REGISTRATION	32780
WATER LICENSING	LICENSE	1010320
WASTEWATER LICENSING	LICENSE	WQ0000402000
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1013348
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	6001443
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1010320
IHW CORRECTIVE ACTION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE COMPLIANCE PLANS	PERMIT	50099
PETROLEUM STORAGE TANK REGISTRATION	REGISTRATION	32780

Location: 5900 HIGHWAY 225, DEER PARK, TX, 77536 Rating Date: September 01 06 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: March 01, 2007

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: March 01, 2002 to March 01, 2007

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name: Trina Grieco Phone: (210) 403-4006

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? Yes
3. If Yes, who is the current owner? Shell Deer Park Refining Company
   Shell Chemical LP
   Shell Oil Company
   Deer Park Refining Limited Partnership
4. If Yes, who was/were the prior owner(s)? Resolution Performance Products, LLC
   Shell Oil Company
   Equilon Enterprises LLC
5. When did the change(s) in ownership occur? 12/3/2002
   06/04/2004

Components (Multimedia) for the Site :

A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.

Effective Date: 06/12/2003 ADMINORDER 2002-0478-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
40 CFR Part 61, Subpart V 61.242-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 4 PERMIT

Description: Failure to install redundant valves or end caps on open ended lines.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(d)(1)(i)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to adjust monitoring schedule to monthly from quarterly when leak rate exceeds 2%.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 113, SubChapter C 113.120
40 CFR Part 63, Subpart G 63.114(a)(1)(ii)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 2 PERMIT

Description: Failure to install a temperature monitoring device in the gas stream immediately before and after the catalyst bed.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 8(A) PERMIT
Description: Failure to operate incinerator H9200 at a VOC outlet concentration of less than 20 ppmv.

Effective Date: 08/30/2004 ADMINORDER 2003-1321-AIR-E

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: MAERT PERMIT
Description: Failed to comply with the permitted limit established in the MAERT of Air Permit No. 9334 for benzene. Specifically, Shell failed to prevent the unauthorized emission of benzene at the ACU Tank Farm, Tank D-371, for a period of 58 minutes on April 28, 2003. The permitted benzene limit for Tank D-371 is 0.45 lbs/hour.

Effective Date: 09/26/2004 ADMINORDER 2004-0101-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.7(a)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.116(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to conduct flare performance testing in accordance with 40 CFR 63.11 within 180 days of startup or rule applicability.

Effective Date: 08/20/2005 ADMINORDER 2004-0867-IHW-E

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(11)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.103(c)

Description: Failure to conduct compliance testing for the PHenol-3 BIF and submit recertification of compliance within three years of the previous certification.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(14)
Description: Failure to cease the burning of waste in the Phenol-3 BIF on October 12, 2003.

Effective Date: 02/20/2006 ADMINORDER 2005-0765-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.721(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to obtain control emissions from an emissions event that occurred on December 21, 2000 at the Coker Unit.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)

30 TAC Chapter 101, SubChapter F 101.201(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit a complete final report for a reportable emissions event which occurred at the Coker Unit on December 21, 2000.

Effective Date: 02/20/2006 ADMINORDER 2005-0734-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent a power outage at Switchback 6B13 which resulted in unauthorized emissions from the HIPA Flare, HIPA Vent, Benji Vent (PC5500A), and Relief Valves RV0624, RV3033B, and RV0298 on May 9, 2004. Category A.11.i(6).

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain the ratio of hydrogen to acetylene in the converter resulting in the flaring of off-specification product resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on June 17, 2004.

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC #1 PERMIT
Description: Failed to prevent the lifting of Relief Valve RV3033B on the fat acid storage tank (T-75B) on June 27, 2004 which resulted in unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain steam pressure on the Olefins 2 Unit and operated the Propylene Refrigerator Compressor with a faulty suction/pressure indicating controller resulting in the flaring of off-specification products at the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on September 13, 2004.

Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: NSR Permit #3173, Special Condition #1 PA
Description: Failed to comply with the maximum allowable emission rates for carbon monoxide, volatile organic compounds ("VOC"), and nitrogen oxides and varied from permit representations for VOC emissions from the IPA Purge Line on September 6, 2004

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also Permit No. 3219, Gen. Condition 8 PERMIT
Description: Failed to control the ammonia concentration in the sour hydrogen feed resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on May 22, 2004. Category A.11.I(6).

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit initial notification of a reportable emissions event at the Isopropyl Alcohol (IPA) Unit which occurred on September 6, 2004 within 24 hours of discovery.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to report the December 25, 2004 emissions event within 24 hours of discovery.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No 3214, Gen Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 241 lbs of 1, 3-Butadiene, 322 lbs of Butene, 1,299 lbs of Pentane, 2,182 lbs of Ethylene, 68 lbs of Benzene and 1,018 lbs of Propylene during a 10 hour and 30 minute emissions event that occurred on December 25, 2004 in the OP3 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: General Condition #8 PERMIT
Description: Failed to prevent unauthorized emissions of 686 lbs of 1, 3-Butadiene, 949 lbs of Butene, 1,299 lbs of Pentane, 4,059 lbs of Ethylene and 2,044 lbs of Propylene during a 23 minute emissions event that occurred on February 17, 2005 in the Olefins No. 3 Unit ("OP3").

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Max. Allow. Em. Rate Ta PERMIT
Description: Failed to prevent unauthorized emissions of 1847.7 lbs of Ethylene, 680.70 lbs of Carbon Monoxide, and 87.3 lbs of Nitrogen Monoxide during a 3-hour emissions event that occurred on February 24, 2005 at the Acetylene Converters in the Olefins #2 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Gen. Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 404 lbs of volatile organic compounds ("VOC") in one hour on January 13, 2005 in the OP2 Unit Elevated Flare. Specifically, 868 lbs of VOCs were released and the VOC maximum allowable emission rate for the flare is 464 lbs per hour.

Effective Date: 08/29/2006 COURTORDER

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
30 TAC Chapter 101, SubChapter A 101.5

30 TAC Chapter 111, SubChapter B 111.201

Description: Shell caused, suffered, allowed the outdoor burning of low sulfur diesel fuel and heavy crude oil sludge in such concentration and of such duration to interfere with the normal use and enjoyment of property and caused a freeway closure.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
30 TAC Chapter 101, SubChapter A 101.5

30 TAC Chapter 111, SubChapter B 111.201

Description: Shell caused, suffered, allowed the outdoor burning of natural gas in such concentration and of such duration to interfere with the normal use and enjoyment of property and caused a freeway closure.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)

Rqmt Prov: mact rates PERMIT
Description: Exceeded maximum allowable emission rates for hydrogen sulfide.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
Description: Discharged approximately 327 pounds of unspeciated VOC resulting in air contaminants in such concentration and duration so as to interfere with the normal use and enjoyment of property in teh area.

See addendum for information regarding federal actions.

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

N/A

D. The approval dates of investigations. (CCEDS Inv. Track. No.)

1 03/25/2002 (157686)
2 03/25/2002 (157736)
3 04/22/2002 (157692)
4 04/26/2002 (157741)
5 05/28/2002 (157696)
6 05/29/2002 (157745)
7 06/24/2002 (157700)
8 06/27/2002 (157749)
9 07/08/2002 (1368)
10 07/17/2002 (4842)
11 07/23/2002 (157704)
12 07/25/2002 (157753)
13 08/01/2002 (4773)
14 08/02/2002 (4405)
15 08/13/2002 (2149)
16 08/16/2002 (157756)
17 08/19/2002 (7668)
18 08/21/2002 (8730)
19 08/22/2002 (157708)
20 08/24/2002 (4890)
21 08/24/2002 (4888)
22 08/28/2002 (5059)
23 08/28/2002 (5060)
24 08/29/2002 (8058)
25 08/31/2002 (9511)
26 08/31/2002 (9388)
27 08/31/2002 (10160)
28 08/31/2002 (9479)
29 08/31/2002 (10241)
30 08/31/2002 (10071)
31 08/31/2002 (9298)
32 08/31/2002 (9698)
33 08/31/2002 (8665)
34 08/31/2002 (10222)
35 08/31/2002 (10117)
36 08/31/2002 (10030)

37	08/31/2002	(9860)
38	08/31/2002	(4913)
39	08/31/2002	(9964)
40	08/31/2002	(4915)
41	08/31/2002	(9758)
42	08/31/2002	(10403)
43	09/23/2002	(157712)
44	09/26/2002	(12173)
45	09/27/2002	(157759)
46	10/02/2002	(12436)
47	10/15/2002	(5839)
48	10/23/2002	(157716)
49	10/23/2002	(157718)
50	10/28/2002	(157762)
51	11/04/2002	(14763)
52	11/21/2002	(157721)
53	11/27/2002	(157766)
54	12/03/2002	(13971)
55	12/06/2002	(13895)
56	12/09/2002	(14114)
57	12/17/2002	(16626)
58	12/19/2002	(13703)
59	12/23/2002	(157770)
60	12/23/2002	(15106)
61	12/30/2002	(157725)
62	12/31/2002	(13462)
63	01/09/2003	(19750)
64	01/10/2003	(20830)
65	01/13/2003	(246531)
66	01/24/2003	(17948)
67	01/27/2003	(157729)
68	01/28/2003	(157774)
69	02/05/2003	(23703)
70	02/10/2003	(157684)
71	02/12/2003	(24287)
72	02/13/2003	(22044)
73	02/20/2003	(10139)
74	02/24/2003	(157683)
75	02/24/2003	(22731)
76	02/28/2003	(157734)
77	03/25/2003	(157687)
78	03/31/2003	(10812)
79	03/31/2003	(157737)
80	04/03/2003	(19124)
81	04/23/2003	(157693)
82	04/29/2003	(157742)
83	05/09/2003	(26339)
84	05/10/2003	(450832)
85	05/11/2003	(26340)
86	05/22/2003	(157697)
87	05/27/2003	(157746)
88	05/30/2003	(36614)
89	06/05/2003	(29924)
90	06/16/2003	(114383)
91	06/24/2003	(157701)
92	06/25/2003	(157750)
93	06/26/2003	(60695)
94	06/28/2003	(33595)
95	07/23/2003	(284079)
96	07/23/2003	(295231)
97	07/25/2003	(157705)
98	07/25/2003	(157709)
99	08/06/2003	(114294)
100	08/12/2003	(148558)
101	08/23/2003	(36650)
102	08/26/2003	(295233)
103	08/29/2003	(149848)
104	09/22/2003	(295235)
105	09/25/2003	(295217)
106	10/22/2003	(249626)
107	10/23/2003	(295219)
108	10/27/2003	(295237)
109	10/28/2003	(252341)
110	11/21/2003	(295220)
111	11/26/2003	(295238)
112	11/30/2003	(248256)
113	12/17/2003	(295221)
114	12/23/2003	(295239)
115	01/02/2004	(257380)

116	01/02/2004	(252698)
117	01/04/2004	(251319)
118	01/14/2004	(254260)
119	01/21/2004	(252556)
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128	03/31/2004	(260311)
129	04/16/2004	(256199)
130	04/21/2004	(295209)
131	04/23/2004	(295226)
132	05/19/2004	(256196)
133	05/19/2004	(295206)
134	05/19/2004	(295211)
135	05/25/2004	(268601)
136	05/25/2004	(295228)
137	05/25/2004	(266874)
138	05/26/2004	(273578)
139	06/03/2004	(270210)
140	06/09/2004	(272409)
141	06/18/2004	(271341)
142	06/18/2004	(270854)
143	06/21/2004	(295213)
144	06/23/2004	(352010)
145	07/14/2004	(260134)
146	07/22/2004	(352011)
147	07/26/2004	(352004)
148	08/11/2004	(288458)
149	08/11/2004	(288745)
150	08/11/2004	(287418)
151	08/11/2004	(287399)
152	08/16/2004	(279252)
153	08/16/2004	(279239)
154	08/23/2004	(352012)
155	08/24/2004	(352003)
156	08/24/2004	(352005)
157	08/31/2004	(272715)
158	08/31/2004	(267451)
159	08/31/2004	(268068)
160	08/31/2004	(292677)
161	09/07/2004	(292099)
162	09/22/2004	(352013)
163	09/30/2004	(287575)
164	10/04/2004	(352006)
165	10/18/2004	(335028)
166	10/20/2004	(352007)
167	10/20/2004	(352014)
168	11/11/2004	(289756)
169	11/12/2004	(290146)
170	11/12/2004	(288819)
171	11/22/2004	(285617)
172	11/22/2004	(352015)
173	11/23/2004	(352008)
174	11/29/2004	(339553)
175	12/05/2004	(268602)
176	12/10/2004	(338725)
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178	12/11/2004	(342406)
179	12/11/2004	(342558)
180	12/14/2004	(341177)
181	12/14/2004	(342547)
182	12/15/2004	(340217)
183	12/17/2004	(339115)
184	12/20/2004	(352016)
185	12/21/2004	(342546)
186	12/27/2004	(352009)
187	12/28/2004	(290091)
188	12/28/2004	(338893)
189	12/29/2004	(342425)
190	12/30/2004	(342431)
191	12/30/2004	(344374)
192	12/30/2004	(344491)
193	01/04/2005	(288475)
194	01/04/2005	(285114)

195	01/04/2005	(288902)
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197	01/04/2005	(293105)
198	01/05/2005	(289527)
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206	01/10/2005	(287676)
207	01/10/2005	(279219)
208	01/20/2005	(381814)
209	01/24/2005	(381811)
210	01/26/2005	(342583)
211	01/31/2005	(342585)
212	02/01/2005	(342419)
213	02/22/2005	(350798)
214	02/22/2005	(381812)
215	02/23/2005	(371820)
216	03/22/2005	(381813)
217	03/23/2005	(381809)
218	03/28/2005	(381810)
219	04/01/2005	(346780)
220	04/22/2005	(419640)
221	04/22/2005	(419642)
222	04/29/2005	(344372)
223	05/03/2005	(373899)
224	05/09/2005	(378729)
225	05/25/2005	(380203)
226	06/17/2005	(392662)
227	06/21/2005	(419641)
228	06/21/2005	(419643)
229	06/28/2005	(394944)
230	07/13/2005	(374690)
231	07/18/2005	(379933)
232	07/18/2005	(379934)
233	07/20/2005	(400891)
234	07/21/2005	(400399)
235	07/28/2005	(379300)
236	08/02/2005	(400361)
237	08/03/2005	(399624)
238	08/05/2005	(341201)
239	08/05/2005	(341194)
240	08/05/2005	(341195)
241	08/05/2005	(341198)
242	08/05/2005	(341200)
243	08/10/2005	(403710)
244	08/15/2005	(453221)
245	08/16/2005	(404329)
246	08/16/2005	(404327)
247	08/18/2005	(404406)
248	08/22/2005	(400922)
249	08/23/2005	(401945)
250	08/23/2005	(404915)
251	08/25/2005	(405926)
252	08/30/2005	(401403)
253	09/23/2005	(440775)
254	09/23/2005	(440776)
255	09/28/2005	(431096)
256	10/04/2005	(405964)
257	10/05/2005	(407310)
258	10/05/2005	(406803)
259	10/05/2005	(431097)
260	10/05/2005	(431095)
261	10/10/2005	(406428)
262	10/24/2005	(468331)
263	10/26/2005	(433389)
264	10/28/2005	(405406)
265	11/03/2005	(431819)
266	11/04/2005	(431796)
267	11/04/2005	(431865)
268	11/14/2005	(371956)
269	11/23/2005	(433921)
270	11/28/2005	(437043)
271	11/28/2005	(468332)
272	11/30/2005	(437117)
273	12/08/2005	(418800)

274	12/16/2005	(451110)
275	12/27/2005	(468333)
276	01/24/2006	(451885)
277	01/24/2006	(468334)
278	02/16/2006	(454090)
279	02/21/2006	(455170)
280	02/21/2006	(454835)
281	02/23/2006	(455872)
282	02/23/2006	(455897)
283	02/23/2006	(439108)
284	02/24/2006	(438342)
285	02/24/2006	(468329)
286	02/25/2006	(456944)
287	02/25/2006	(457085)
288	02/27/2006	(457162)
289	02/27/2006	(456661)
290	02/28/2006	(457143)
291	02/28/2006	(457152)
292	03/03/2006	(455540)
293	03/09/2006	(457675)
294	03/15/2006	(458469)
295	03/17/2006	(451544)
296	03/20/2006	(431859)
297	03/23/2006	(290016)
298	03/23/2006	(468330)
299	03/28/2006	(405965)
300	04/03/2006	(455004)
301	04/24/2006	(449499)
302	04/24/2006	(498125)
303	04/25/2006	(449838)
304	04/26/2006	(455005)
305	04/27/2006	(440023)
306	04/28/2006	(462216)
307	05/10/2006	(266908)
308	05/10/2006	(268067)
309	05/12/2006	(461088)
310	05/17/2006	(461235)
311	05/17/2006	(466235)
312	05/22/2006	(498126)
313	05/26/2006	(460174)
314	05/26/2006	(460095)
315	05/26/2006	(460156)
316	05/26/2006	(460637)
317	05/30/2006	(459416)
318	05/30/2006	(460198)
319	05/31/2006	(480622)
320	05/31/2006	(455293)
321	06/12/2006	(455296)
322	06/13/2006	(457735)
323	06/14/2006	(480612)
324	06/15/2006	(449850)
325	06/20/2006	(498127)
326	06/21/2006	(467546)
327	06/23/2006	(467537)
328	06/23/2006	(467329)
329	06/28/2006	(467525)
330	06/30/2006	(463111)
331	06/30/2006	(466561)
332	07/10/2006	(482757)
333	07/11/2006	(482755)
334	07/11/2006	(482760)
335	07/11/2006	(482407)
336	07/14/2006	(467608)
337	07/24/2006	(520133)
338	07/26/2006	(487301)
339	07/27/2006	(486448)
340	07/31/2006	(482753)
341	08/08/2006	(482747)
342	08/14/2006	(480383)
343	08/16/2006	(392732)
344	08/18/2006	(457259)
345	08/18/2006	(457480)
346	08/23/2006	(457432)
347	08/25/2006	(510170)
348	08/28/2006	(479997)
349	08/29/2006	(509957)
350	08/29/2006	(479999)
351	08/30/2006	(509636)
352	08/31/2006	(457283)

353 09/07/2006 (510326)
354 09/25/2006 (520134)
355 09/29/2006 (487313)
356 10/04/2006 (510017)
357 10/04/2006 (512388)
358 10/05/2006 (510021)
359 10/05/2006 (512393)
360 10/05/2006 (512392)
361 10/13/2006 (510023)
362 10/26/2006 (512394)
363 10/27/2006 (515112)
364 10/31/2006 (513138)
365 10/31/2006 (509694)
366 10/31/2006 (343595)
367 11/03/2006 (513228)
368 11/03/2006 (513328)
369 11/06/2006 (515706)
370 11/16/2006 (512687)
371 11/16/2006 (514711)
372 11/21/2006 (517284)
373 11/30/2006 (379581)
374 12/07/2006 (488023)
375 12/07/2006 (488025)
376 12/07/2006 (487985)
377 12/07/2006 (488004)
378 12/15/2006 (508968)
379 12/21/2006 (534053)
380 12/29/2006 (343599)
381 01/19/2007 (531892)
382 01/31/2007 (537439)
383 01/31/2007 (538238)
384 01/31/2007 (538659)
385 02/17/2007 (532455)
386 02/20/2007 (457345)
387 02/23/2007 (532463)
388 02/23/2007 (532452)
389 02/27/2007 (532471)
390 03/01/2007 (509707)

E. Written notices of violations (NOV). (CCEDS Inv. Track. No.)

Date: 05/31/2002 (157749)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 12/16/2002 (16626)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 290, SubChapter D 290.43(c)(1)
Description: Failure to protect the vent opening on the ground storage tank with a 16-mesh or finer corrosion resistant screen.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.42(e)(3)(D)
Description: Failure to provide scales for determining the amount of disinfectant used daily.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)
Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)
Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.

Date: 12/30/2002 (13462)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to comply with permitted effluent limits for pH, Oil and Grease, TOC, and BOD.

Date: 12/31/2002 (157729)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/24/2003 (17948)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(10)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
Description: Failure to identify cause of the event and failure to comply with TCEQ Air Permit 3219.

Date: 01/31/2003 (157683)
Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 05/11/2003 (26340)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
Description: Shell failed to prevent unauthorized emissions from an activity or event that could have been foreseen and avoided by good design, operation, and maintenance practices.

Date: 06/28/2003 (33595)
Self Report? NO Classification: Moderate
Citation: 5C THC Chapter 382, SubChapter A 382.085(a)
Description: Failed to prevent an emissions release by good design, operation, and maintenance practices.

Date: 07/31/2003 (157709)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 09/30/2003 (295219)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 11/30/2003 (295239)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

Date: 01/04/2004 (251319)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT TCEQ AIR PERMIT #19849, SC #1
Description: Shell allowed 237 lbs of unauthorized emissions of mesityl oxide (a highly irritating ketone, which overflowed Tank T-40-16 due to an inaccurate level indicator and failure to respond to a high level alarm from the back up high level alarm system.

Date: 01/14/2004 (254260)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT TCEQ AIR PERMIT #3219, SC #4
Description: Main induced-draft fan on Boiler H-8610 shut down when governor seized due to dirty oil (inadequate attention to the status of the oil). The (large) boiler tripped on loss of the fan. Two olefin plants were shut down due to insufficient steam supply to the steam turbines driving the large critical compressors.

Date: 01/21/2004 (252556)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
Rqmt Prov: PERMIT TCEQ AIR PERMIT #21262, SC #1
Description: Shell damaged the lube oil pump for the Recycle Gas Compr. Either possible root cause (failure to prime the pump or improperly installing the new motive screws) avoidably damaged those screws. Shell failed to control SO2 emissions during a startup activity.

Date: 04/30/2004 (295228)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 06/30/2004 (352011)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter
Date: 07/13/2004 (260134)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT TCEQ AIR PERMIT #920, SC #1
Description: Failure to report an emissions event in a timely manner.
Date: 08/31/2004 (272715)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC #8
Description: Failure to operate within the permit limits.
Date: 08/31/2004 (267451)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 21262 and PSD-TX-928

Description:
Failure to prevent unauthorized emissions.
Date: 09/22/2004
(335028)
Self Report? NO
Classification: Moderate
Citation:
30 TAC Chapter 290, SubChapter D 290.46(m)
Description:
Failure to maintain all pressure maintenance facilities and related appurtenances in a watertight condition.
Date: 09/30/2004
(352007)
Self Report? YES
Classification: Moderate
Citation:
30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description:
Failure to meet the limit for one or more permit parameter
Date: 11/22/2004
(285617)
Self Report? NO
Classification: Moderate
Citation:
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
PERMIT No. 3219 and PSD-TX-974, GC #8
Rqmt Prov:
Description:
Failure to operate within the permit limits.
Self Report? NO
Classification: Minor
Citation:
30 TAC Chapter 101, SubChapter F 101.201(b)(7)
Description:
Failure to indicate the air contaminants from the flare completely in the final report.
Date: 11/30/2004
(352009)
Self Report? YES
Classification: Moderate
Citation:
30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description:
Failure to meet the limit for one or more permit parameter
Date: 12/14/2004
(340217)
Self Report? NO
Classification: Moderate
Citation:
30 TAC Chapter 305, SubChapter F 305.125(4)
30 TAC Chapter 305, SubChapter F 305.125(5)
TWC Chapter 26 26.121(a)(1)
Description:
Failure to prevent the unauthorized discharge of untreated or partially treated process, sanitary, balast, and utility wastewaters through outfall 008. The permittee is authorized to discharge storm water and fire water only to outfall 008. See attached Table 1.
Date: 12/28/2004
(290091)
Self Report? NO
Classification: Moderate
Citation:
30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
PERMIT No. 3219 and PSD-TX-974, GC #8
Rqmt Prov:
Description:
Failure to avoid loss of cooling in the PRC surface condensate system.
Date: 12/30/2004
(344491)
Self Report? NO
Classification: Moderate
Citation:
30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
PA Permit #21262/PSD-TX-928, SC#1
Rqmt Prov:
Description:
Failure to control emissions.
Date: 12/30/2004
(344374)
Self Report? NO
Classification: Moderate
Citation:
30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
PA Permit #s:21262,PSD-TX-928, SC#1
Rqmt Prov:
Description:
Failure to Control Emissions
Date: 01/04/2005
(342600)
Self Report? NO
Classification: Moderate
Citation:
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
PERMIT No. 3219 and PSD-TX-974, GC # 8
Rqmt Prov:
Description:
Failure to control hydrate formation in the demethanizer column.
Self Report? NO
Classification: Moderate
Citation:
30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
Description:
Failure to report emissions event in a timely manner.
Date: 01/07/2005
(288436)
Self Report? NO
Classification: Moderate
Citation:
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
PERMIT No. 21262 and PSD-TX-928
Rqmt Prov:
Description:
Exceeded permit limits during an avoidable emissions event.
Date: 01/09/2005
(289381)
Self Report? NO
Classification: Moderate
Citation:
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
PERMIT TCEQ Air Permit #3219 and PSD-TX-974
Rqmt Prov:
Description:
Exceeded permit limits during an avoidable emissions event.
Date: 03/31/2005
(419640)
Self Report? YES
Classification: Moderate
Citation:
30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter
Date: 04/29/2005 (344372)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to control emissions.
Date: 06/20/2005 (395120)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT No. 9334, Gen. Condition #8
Description: Failure to prevent spill during tank heel transfer.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)

Description: Failure to submit an emissions event in a timely manner.
Date: 07/31/2005 (419643)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter
Date: 08/17/2005 (404327)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 110.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 150.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 180.
Date: 09/30/2005 (468331)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter
Date: 10/10/2005 (406428)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to control emissions.
Date: 12/08/2005 (418800)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to maintain compliance with the effluent permit limits. Effluent violations were reported for ammonia-nitrogen at outfall 104 in 07/05 and for calcium, nickel and fecal coliform at outfall 001 in 03/05.
Date: 02/23/2006 (439108)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA 3219 AND PSD-TX-974
Description: Exceeded permit limits during an avoidable emissions event.
Date: 02/27/2006 (438342)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to control unauthorized emissions.
Date: 04/04/2006 (455004)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA NSR Permit #3173, Special Condition #1
Description: Failure to control unauthorized emissions for Incident #64365.
Date: 05/17/2006 (461235)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.665(f)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(j)(7)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1946, Special Condition 15H
OP 1946, Special Condition 1A

Description: Failure to record whether the pilot flame was continuously present during each hour for Flares OP2ELFLA and OP3ELFLA

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1668, Special Condition 1A
Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and OP3GRFLA.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1668, Special Condition 1A
PERMIT 3219, Special Conditions 5 and 6

Description: Operation of Flares OP2ELFLA, OP3ELFLA and OP3GRFLA with visible emissions .

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1946, Special Condition 1A
OP 1946, Special Condition 21
PERMIT 3216, Special Condition 6E
PERMIT 3218, Special Condition 8E

Description: Nine OELs in HT2; 2 OELs in CIPX

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 18576, Special Condition 7E
OP 1946, Special Condition 1A
OP 1946, Special Condition 21

Description: Failure to seal 18 OELs in IRU.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

Rqmt Prov: OP 1946, Special Condition 1A
OP 1946, Special Condition 21
PERMIT 3217, Special Condition 3E

Description: Failure to seal OELs in BD3.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1946, Special Condition 21
PERMIT 3216, Special Condition 1
PERMIT 3216, Special Condition 5

Description: Furnaces FOL-601 and FOL-602 exceeded the permitted maximum hourly firing rates.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1946, Special Condition 21
PERMIT 3216, Special Conditions 1 and 4

Description: The fuel gas used by Furnaces FOL601, FOL602, FOL603 and FOL604 exceeded the permitted maximum H2S concentration.
(455293)

Date: 05/31/2006

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: PERMIT No. 3219 and PSD-TX-974 MAERT

Description: Failure to prevent an operator error resulting in unauthorized emissions.

Date: 06/15/2006
(457735)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: PERMIT 9334 MAERT

Description: Failure to prevent a leak from a line that was bent beyond its minimum flex radius creating a weak point that resulted in unauthorized emissions.

Date: 06/16/2006
(510170)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Rqmt Prov: PERMIT Self-reporting Requirements

Description: Using unapproved self-generated Discharge Monitoring Report (DMR) forms to report monitoring results.

Date: 06/28/2006
(467525)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT #21262, Special Condition #1

Description: Failure to prevent overpressure of Secondary Debutanizer Column, V-613.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(8)

Description: Failed to identify the preconstruction authorization.

Date: 06/30/2006 (520133)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 07/14/2006 (467608)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT No 3219 MAERT

Description: Failure to prevent unauthorized emissions during decoking of furnace FOL170.

Date: 07/31/2006 (440775)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

Date: 08/18/2006 (457259)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 266, SC 7E
PERMIT 3985A, SC 7E
OP O-01947, Special Condition 13
OP O-01947, Special Condition 1A

Description: 3 OELs in SITEFE and 1 OEL in WRACKFE

Date: 08/23/2006 (457432)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 1A

Description: Components associated with Tank F-347 and Tank F-349 were not identified as being subject to 40 CFR 63, Subpart H.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 13
OP 1948, Special Condition 1A
PERMIT 19849, Special Condition 11E

Description: 10 OELs in MPLANTFE

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 13
OP 1948, Special Condition 1A
PERMIT 1968, Special Condition 3E
PERMIT 19849, Special Condition 11E
PERMIT 3173, Special Condition 6E

Description: 5 OELs in LPGFE; 15 OELs in IPAFINFE; 8 OELs in IPACRUFE; 1 OEL in HPLANTFE

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(2)(C)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 13
OP 1948, Special Condition 1A
PERMIT 3173, Special Condition 6F

Description: Failure to monitor Valve Tag No. 301622 in IPAFINFE during the first quarter of 2005

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 13
PERMIT 19849, Special Condition 7D

Description: Failure to inspect Tank T667B by the due date of March 2005

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 106, SubChapter K 106.261(a)(2)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 13
PERMIT 3173, Special Condition 1

Description: VOC emissions from V118 exceeded the combined hourly emissions limit of 6.49 lb/hr-0.52 lb/hr

permitted in Permit 3173 and 5.97 lb/hr represented in PBR Registration No. 74572.

Self Report? NO — Classification: Moderate

Citation:
30 TAC Chapter 115, SubChapter H 115.782(b)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:
OP 1948, Special Condition 1H(iv)

Description:
Failure to repair Component No. 200706 in IPACRUFE within seven days

Self Report? NO — Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter D 115.354(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:
OP 1948, Special Condition 1A

Description:
Failure to monitor a relief valve in Unit LPGFE within 24 hours after the valve released emissions to the atmosphere

Date: 08/28/2006 (479997) <2

Self Report? NO — Classification: Moderate

Citation:
30 TAC Chapter 115, SubChapter H 115.782(b)(2)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:
PERMIT 3219, Special Condition 2I
OP O-1668, Special Condition 15
OP O-1668, Special Condition 1H(v)

Description:
Failure to repair Component No. 64110.P in OP2FUG within 15 days

Self Report? NO — Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:
PERMIT 3219, Special Condition 2E
OP O-1668, Special Condition 15
OP O-1668, Special Condition 1A

Description:
Forty-nine incidences of open-ended lines in OP2FUG

Self Report? NO — Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:
PERMIT 3214, Special Condition 5E
OP O-1668, Special Condition 15
OP O-1668, Special Condition 1A

Description:
26 OELs in OL3FUG and 4 OELs in PYR3FUG

Self Report? NO — Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT UU 63.1033(b)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:
PERMIT 3214, Special Condition 5E
PERMIT 3219, Special Condition 2E
OP O-1668, Special Condition 15
OP O-1668, Special Condition 1A

Description:
28 OELs in OL3FUG, 4 OELs in OP2FUG, and 25 OELs in PYR3FUG

Self Report? NO — Classification: Moderate

Citation:
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:
PERMIT 3219, Maximum Allowable Emission Rates
OP O-1668, Special Condition 15

Description:
Exceedance of VOC MAER in tpy for the Olefins Flare System

Date: 08/29/2006 (479999) <3

Self Report? NO — Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:
PERMIT 9334, Special Condition 15E
OP O-1943, Special Condition 17
OP O-1943, Special Condition 1A

Description:
One OEL in ACUFUG and one OEL in FUGOXU

Self Report? NO — Classification: Moderate

Citation:
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:
PERMIT 9334, Special Condition 7
OP O-1943, Special Condition 17

Description:
Incomplete records of furnace firing rates for the ACU furnace, EPN H902

Self Report? NO — Classification: Minor

Citation:
30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.120(a)(3)(iii)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP O-1943, Special Condition 1A

Description: Failure to conduct internal inspection of Tank F-361 by the due date of May 2005

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 8
OP O-1943, Special Condition 17

Description: Operation of the East Property Flare with visible emissions

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to visually inspect Tank G-359 by the due date of August 16, 2005

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 10D
OP O-1943, Special Condition 17

Description: Failure to provide notification to the TCEQ 30 days in advance of taking gap measurements in Tank G-359

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(2)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 10D
OP O-1943, Special Condition 17
OP O-1943, Special Condition 1A

Description: Failure to perform the annual seal gap inspection for Tank G-343 by the due date of September 1, 2005.

Date: 08/31/2006 (457263)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 48912, Special Condition 5
OP O-2108, Special Condition 15

Description: Failure to analyze wastewater for isobutyraldehyde

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.132(a)[G]
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP O-2108, Special Condition 1A

Description: Failure to meet the control requirements for VOC water separators NAPI and SAPI

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.116b(f)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP O-2108, Special Condition 1A

Description: Failure to obtain vapor pressure sample from T-1318

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(f)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP O-2108, Special Condition 1A

Description: Failure to monitor the presence of the pilot flame on the A&S Flare, EPN A1301

Date: 11/03/2006 (513328)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.223(a)(1)
5C THC Chapter 382, SubChapter D 382.085(b)

Description: Shell failed to submit a CAP in a timely manner.

Date: 11/14/2006 (512687)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP #O-01669, Special Condition #1A

Description: Failure to record the daily visual observations of flare per 30 TAC111.111(a)(4)(A)(ii).

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP #O-01669, Special Condition #1A
OP FOP #O-01669, Special Condition #1D

Description: Failure to prevent visible emissions in the operation of flares on six different occasions during the compliance certification period as required by 40 CFR 63.11(b)(4) and 40 CFR 60.18(c)(1).

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.145(2)(A)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to include all deviations in the deviation and annual compliance certification reports in accordance with 30 TAC 122.145(2)(A).

Date: 02/23/2007 (532452)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)
30 TAC Chapter 115, SubChapter H 115.782(a)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.246(b)(1)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(f)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 1A
OP FOP O-01946, Special Condition 1M(iv)
OP FOP O-01946, Special Condition 21
PA NSR #18576, Special Condition 7H
PA NSR #3216, Special Condition 6H
PA NSR #3217, Special Condition 3H

Description: Failure to maintain leaking component tags on 15 leaking LDAR components per 30 TAC 115.354(5).

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-1(d)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP # O-01946, Special Condition 1A
OP FOP #O-01946, Special Condition 21
PA NSR 3216, Special Condition 2
PA NSR 3218, Special Condition 2

Description: Failure to maintain 94 LDAR components with identification tags as required by 40 CFR 61.242-1(d) as
well NSR Permits #3216 and #3218.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 1A
OP FOP O-01946, Special Condition 1M(iv)
OP FOP O-01946, Special Condition 21
PA NSR Permit 3215, Special Condition 2E
PA NSR Permit 3216, Special Condition 2
PA NSR Permit 3216, Special Condition 6E
PA NSR Permit 3217, Special Condition 3E
PA NSR Permit 3218, Special Condition 2
PA NSR Permit 3218, Special Condition 8E

Description: Failure to cap 57 open-ended valves/lines per 30 TAC115.352(4). Some of these open-ends are violations of HON, NSPS, NESHAPs, and several NSR permits.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 21
PA NSR Permit 3216, Special Condition 5

Description: Failure to monitor the firing rate of the FOL-601 furnace for 213 hours as required by NSR Permit #3216, Special Condition #5.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(f)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 1A
OP FOP O-01946, Special Condition 21
PA NSR Permit 3219, Special Condition 4

Description: Failure to continuously monitor for the presence of a flare pilot light on the OP3ELFLA unit, on two separate occasions for a total of 156 hours, as required by 40 CFR 60.18(f)(2), 40 CFR 63.11(b)(5),
and NSR #3219, SC#4.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 21
PA NSR Permit 3216, Special Condition 1

Description: Failure to comply with NSR Permit #3216 MAERT limits for EPN FOL604, by emitting to atmosphere 93.7 lbs. of VOC during a four hour period on January 23, 2006.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(a)(1)(B)

30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 1M(ii)

Description: Failure to capture required fuel gas monitoring and recordkeeping data, for approximately eight hours on February 17, 2006, relating to uncontrolled HRVOC-service vents, as required by 30 TAC 115.725(a)(1)(B).

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.725(a)(1)(C)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 1M(ii)

Description: Failure to limit the fuel gas flow for Flare FOL-604 to 19,100scf/hr. for approximately 180 hours between February 1 through February 16, 2006. Exceeding this limit is a violation of 30 TAC 115.725(a)(1)(C).

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(2)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.113b(b)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 1A

Description: Failure to perform seal gap inspections for Tank 354 as required by 30 TAC 115.114(a)(2) and 40 CFR 60.113b(b)(1).

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 68, SubChapter C, PT 68, SubPT D 68.73(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 28

Description: Failure to provide chemical process training to refinery personnel per by 40 CFR 68.73(c).

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.145(2)(C)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP #O-01946, General Terms & Conditions

Description: Failure to submit the Deviation Report within 30 days of the end of the deviation period per 30 TAC 122.145(2)(C).

Date: 02/23/2007 (532463)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.145(2)(C)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP # O-01943, Special Condition #19

Description: Late submittal of the Deviation Report dated March 27, 2006.

Date: 02/27/2007 (532471)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.146(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP #O-01947, General Terms & Conditions

Description: Failure to submit PCC within 30 days as required.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.145(2)(C)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP #O-01947, General Terms & Conditions

Description: Failure to submit a Deviation report within 30 days as required.

F. Environmental audits.

Notice of Intent Date: 03/01/2002 (32928)
No DOV Associated

Notice of Intent Date: 03/19/2002 (32937)
No DOV Associated

Notice of Intent Date: 04/12/2002 (32949)
No DOV Associated

Notice of Intent Date: 05/30/2002 (32974)
No DOV Associated

Notice of Intent Date: 06/26/2002 (32979)
No DOV Associated

Notice of Intent Date: 07/16/2002 (33993)
No DOV Associated

Notice of Intent Date: 08/19/2002 (33022)
No DOV Associated

Notice of Intent Date: 09/04/2002 (33051)
No DOV Associated

Notice of Intent Date: 09/16/2002 (33069)
No DOV Associated

Notice of Intent Date: 10/29/2002 (33101)
No DOV Associated

Notice of Intent Date: 11/20/2002 (33116)
No DOV Associated

Notice of Intent Date: 12/20/2002 (265131)
Disclosure Date: 6/24/2003 12:00:00 AM

Viol. Classification: Major
Citation: 30 TAC Chapter 116, SubChapter B
Description: Failed to authorize emissions from rail car cleaning.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A
Description: Failed to report emissions from EPN Carclean in emissions inventory.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F
Description: Failed to justify control efficiency of railcar cleaning CAS.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F
Description: Failed to keep records of CAS breakthrough monitoring.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B
Description: failed to submit compliance plan with application

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F
Description: failed to process tank cars with partial vapor pressure of >= 0.5 psia through properly operating control system

Notice of Intent Date: 01/12/2003 (32908)
No DOV Associated

Notice of Intent Date: 02/26/2003 (263866)
No DOV Associated

Notice of Intent Date: 02/26/2003 (29900)
No DOV Associated

Notice of Intent Date: 04/28/2003 (263686)
No DOV Associated

Notice of Intent Date: 05/27/2003 (112481)
No DOV Associated

Notice of Intent Date: 06/13/2003 (251436)
No DOV Associated

Notice of Intent Date: 08/12/2003 (251440)
Disclosure Date: 9/4/2003 12:00:00 AM

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B
Description: Failure to maintain and compile inspection reports that document all of the elements required by the applicable regulations.

Notice of Intent Date: 08/19/2003 (397860)
No DOV Associated

Notice of Intent Date: 08/12/2003 (251504)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251740)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251760)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263020)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263024)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263025)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263029)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263033)
Disclosure Date: 12/7/2004 12:00:00 AM

Viol. Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter B
Description: records not available for daily sampling/analysis results for vapor pressure of the wastewater streams processed by the unit's API separator

Notice of Intent Date: 11/20/2003 (449697)
No DOV Associated

Notice of Intent Date: 02/20/2004 (265126)
No DOV Associated

Notice of Intent Date: 08/06/2004 (334038)
Disclosure Date: 10/12/2004 12:00:00 AM

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F
Rqmt Prov: PERMIT Compliance b. Operational Requirements 1
PERMIT General b.
Description: noncompliance with requirement to maintain all facilities and systems of treatment and control (and related appurtenances)

Notice of Intent Date: 08/06/2004 (334047)
Disclosure Date:8/26/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter A; 40 CFR Chapter 261, SubChapter I, PT 261, SubPT A
Description: Failure to characterize a process water stream from a leaking economizer, which contained K022 waste.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter C; 30 TAC Chapter 335, SubChapter R; 409 CFR Chapter 262, SubChapter I, PT 262, SubPT A

Description: Failure to characterize wastewater treatment plant residues carrying the K022 waste code.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter A

Description: Improper disposal of K022 WWTP residual solids at a Class 1 non-hazardous waste landfill.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter D

Description: Failure to amend RCRA permit to reflect management of K022 waste.

Viol. Classification: Moderate

Citation: Permit 1. General b.

Description: discharge of process water to storm water impoundment basins.

Notice of Intent Date: 08/27/2004 (334576)
No DOV Associated

Notice of Intent Date: 10/12/2004 (349555)
No DOV Associated

Notice of Intent Date: 10/28/2004 (263123)
No DOV Associated

Notice of Intent Date: 11/11/2004 (349565)
No DOV Associated

Notice of Intent Date: 01/04/2005 (349867)
Disclosure Date: 6/17/2005 12:00:00 AM

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA
Description: documentation was not readily available to fully demonstrate that a formal refinery maximum achievable control technology applicability determination (ie >5% HAPS) had been made for equipment in light crude service

Viol. Classification: Minor
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A
Description: one New Source Performance Standard (NSPS) notification for Start of Construction and Start of Operation for the CGHT unit could not be located

Viol. Classification: Minor
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A
40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG
Description: documentation was not readily available to fully demonstrate that the process to determine if a project triggered NSPS "Modification" was being completed for NSPS Subpart GGG compliance

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A
40 CFR Chapter 372, SubChapter J, PT 372, SubPT B
Description: emissions from fueling of vehicles in the Deer Park Refinery were not included in emissions inventories as required

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A
Description: documentation was not readily available to demonstrate the development of a formal startup, shutdown, and malfunction plan (SSMP), and to document that when appropriate, a semi-annual report was submitted

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA
Description: documentation was not readily available to fully demonstrate the group 1 or group 2 applicability determination for miscellaneous process vents

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F
Description: although monthly monitoring of cooling water return to the HON SWT was conducted and no leaks were detected, it is unclear whether there was complete compliance wiht HON requirements

Viol. Classification: Moderate
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF
Description: annual LDAR instrument monitoring of CPI and IGF benzene wastewater equipment had not been performed as required by benzene waste NESHAP regulations

Viol. Classification: Moderate
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF
Description: periodic visual inspection of the CPI and IGF benzene wastewater equipment to ensure access hatches and other openings are properly closed and gasketed had not been performed as required by the benzene waste NESHAP regulations

Notice of Intent Date: 01/06/2005 (349868)
No DOV Associated

Notice of Intent Date: 01/05/2005 (371573)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350720)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350721)
Disclosure Date: 3/23/2005 12:00:00 AM

Viol. Classification: Moderate
Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT F
Description: failed to meet requirements for maintenance/start-up/shutdown related activities

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
Description: incorporation by reference of 40 CFR 63 Subpart F (SOCMI MACT standard)

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
Description: incorporation by reference of 40 CFR 63 Subpart G (SOCMI for Process Vents, Storage Vessels, Transfer Operations, and Wastewater MACT standard)

Notice of Intent Date: 01/27/2005 (350723)

Disclosure Date: 7/6/2005 12:00:00 AM

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter C
40 CFR Chapter 262, SubChapter I, PT 262, SubPT C
Description: Equipment associated with a decommissioned cumene unit in the Phenol Acetone Production Areas was not properly decontaminated when shut down in 2001. Process vessels, pumps, exchangers, and piping contain material that meets the definition of a characteristically hazardous waste (D002, D018).

Notice of Intent Date: 03/02/2005 (375030)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375031)
Disclosure Date: 7/14/2005 12:00:00 AM

Viol. Classification: Minor
Rqmt Prov: PERMIT Air New Source Permit No. 9334 SC 10.D
Description: no notification 30 days in advance of 11/04 seal gap measurement for Aromatics EFR tank G-359

Viol. Classification: Minor
Rqmt Prov: PERMIT Air New Source Permits
Description: no notification 30 days in advance of refilling of Solvents IFR tank T140B, Phenol Acetone IFR tank D391, Solvents IFR tank F337

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G
Rqmt Prov: PERMIT Permit 9334 Special Condition 10D
Description: no 10 yr internal seal inspection of Aromatics IFR tank F-361

Notice of Intent Date: 04/15/2005 (380864)
No DOV Associated

Notice of Intent Date: 05/18/2005 (396476)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434090)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434095)
No DOV Associated

Notice of Intent Date: 11/04/2005 (438422)
No DOV Associated

Notice of Intent Date: 12/02/2005 (451075)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452942)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452952)
No DOV Associated

Notice of Intent Date: 04/16/2006 (463688)
No DOV Associated

Notice of Intent Date: 05/22/2006 (454159)
No DOV Associated

G. Type of environmental management systems (EMSs).

Non 30 TAC CH 90 Certified, ISO 14001:2004, installed 1/12/2005, certified 1/19/2006

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

Type	Tier	Certification Date
CLEAN TEXAS PROGRAM	PARTNERSHIP	12/20/2004
CLEAN TEXAS PROGRAM	PARTNER	12/20/2004

J. Early compliance.

N/A

Sites Outside of Texas

N/A

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	Shell Chemical Company	CUSTOMER NO.:	CN601405145
REGULATED ENTITY:	Shell Chemical Company Deer Park	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 Hwy 225		
REG. ENTITY CITY:	Deer Park		

Violations

EPA CASE NO.:	06-1998-0547	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20011015	STATUTE: CAA	SECT. OF STATUTE: 112R
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	CITE PART: CITE SECT:
CASE RESULT:	Final Order With Penalty	PROGRAM:	NESHAPs
		VIOLATION TYPE:	Other/Miscellaneous

Penalty Calculation Worksheet (PCW)

Policy Revision 2 (September 2002) — *PCW Revision December 8, 2006*

TCEQ

DATES						
Assigned	22-Jan-2007					
PCW	31-Jan-2007	Screening	29-Jan-2007	EPA Due		

RESPONDENT/FACILITY INFORMATION

Respondent	Shell Chemical LP		
Reg. Ent. Ref. No.	RN100211879		
Facility/Site Region	12-Houston	Major/Minor Source	Major

CASE INFORMATION

Enf./Case ID No.	28867	No. of Violations	1
Docket No.	2006-0328-MLM-E	Order Type	Findings
Media Program(s)	Air Quality	Enf. Coordinator	Roshondra Lowe
Multi-Media		EC's Team	EnforcementTeam 6
Admin. Penalty $ Limit Minimum	$0	Maximum	$10,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) — *Subtotal 1*: $5,000

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History — 289% Enhancement — *Subtotals 2, 3, & 7*: $14,450

Notes: Penalty was enhanced due to twenty-five NOVs for same or similar violations, eighteen NOVs issued for unrelated issues, eighteen self-reported effluent discharge violations, five 1660-style Orders containing a denial of liability, two Findings Orders without denial of liability and one court judgement containing a denial of liability. Penalty reduction due to fifty-five audits, nine disclosures, an environmental management program, and participation in a voluntary pollution reduction program.

Culpability — No — 0% Enhancement — *Subtotal 4*: $0

Notes: Respondent does not meet the culpability criteria.

Good Faith Effort to Comply — 0% Reduction — *Subtotal 5*: $0

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary		
N/A	x	(mark with x)

Notes: The Respondent does not meet the good faith criteria.

0% Enhancement* — *Subtotal 6*: $0

**Capped at the Total EB $ Amount*

Total EB Amounts	$76
Approx. Cost of Compliance	$1,000

SUM OF SUBTOTALS 1-7 — *Final Subtotal*: $19,450

OTHER FACTORS AS JUSTICE MAY REQUIRE — *Adjustment*: $0

Reduces or enhances the Final Subtotal by the indicated percentage. *(Enter number only; e.g. -30 for -30%.)*

Notes:

Final Penalty Amount: $19,450

STATUTORY LIMIT ADJUSTMENT — *Final Assessed Penalty*: $19,450

DEFERRAL — 0% Reduction — *Adjustment*: $0

Reduces the Final Assessed Penalty by the indicted percentage. *(Enter number only; e.g. 20 for 20% reduction.)*

Notes: No deferral is recommended for Findings Orders.

PAYABLE PENALTY: $19,450

PCW 11

Screening Date 29-Jan-2007 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision December 8, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Roshondra Lowe

Compliance History Worksheet

>> Compliance History *Site* Enhancement (Subtotal 2)

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (*number of NOVs meeting criteria*)	25	125%
	Other written NOVs	36	72%
Orders	Any agreed final enforcement orders containing a denial of liability (*number of orders meeting criteria*)	5	100%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	2	50%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (*number of judgements or consent decrees meeting criteria*)	1	30%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (*number of counts*)	0	0%
Emissions	Chronic excessive emissions events (*number of events*)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which notices were submitted)*	55	-55%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (*number of audits for which violations were disclosed*)	9	-18%

		Please Enter Yes or No	
Other	Environmental management systems in place for one year or more	Yes	-10%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	Yes	-5%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 289%

>> Repeat Violator (Subtotal 3)

No

Adjustment Percentage (Subtotal 3) 0%

>> Compliance History Person Classification (Subtotal 7)

Average Performer

Adjustment Percentage (Subtotal 7) 0%

>> Compliance History Summary

Compliance History Notes

Penalty was enhanced due to twenty-five NOVs for same or similar violations, eighteen NOVs issued for unrelated issues, eighteen self-reported effluent discharge violations, five 1660-style Orders containing a denial of liability, two Findings Orders without denial of liability and one court judgement containing a denial of liability. Penalty reduction due to fifty-five audits, nine disclosures, an environmental management program, and participation in a voluntary pollution reduction program.

Total Adjustment Percentage (Subtotals 2, 3, & 7) 289%

Screening Date 29-Jan-2007 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision December 8, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Roshondra Lowe

Violation Number 1

Rule Cite(s) 30 Tex. Admin. Code § 116.715(a), Tex. Health & Safety Code § 382.085(b), and Air Permit No. 21262, Special Condition 1

Violation Description Failed to prevent an avoidable emissions event that resulted in the unauthorized release of 0.15 pounds (lbs) of 1,3 butadiene, 6.18 lbs of butene, 2.14 lbs of 2-methyl-1 butene, 4.61 benzene, 2.16 lbs of butane, 2.22 lbs of ethylene, 1.39 lbs of hydrogen sulfide, 5.63 lbs of isobutane, 3.63 lbs of isobutylene, 6.48 lbs of isopentane, 89,380 lbs of particulate matter, 1.1 lbs of pentane, 1.12 lbs of pentene, 3.48 lbs of propane, 11.65 lbs of propylene, 1.10 lbs of trans-1,3-pentadiene, 3.94 lbs of trans-2-butene, and 85.36 lbs of VOC to the atmosphere. A crack was discovered in the secondary cyclone of the catalytic cracking unit (CCU) which allowed spent catalysts to be released to the atmosphere. The cause of the emissions event was due to internal corrosion of the piping. The emissions event which began on August 1, 2006 lasted twenty-seven hours. Since the emissions event was avoidable, Shell failed to meet the demonstration criteria for an affirmative defense under 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> Environmental, Property and Human Health Matrix

	Release	Harm: Major	Moderate	Minor
OR	Actual		x	
	Potential			

Percent 50%

>>Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent 0%

Matrix Notes: Human health or the environment in the Houston-Galveston-Brazoria nonattainment area has been exposed to significant amounts of pollutants which do not exceed levels that are protective of human health or environment receptors as a result of the violation.

Adjustment $5,000

$5,000

Violation Events

Number of Violation Events 1 — 2 Number of violation days

mark only one with an x

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $5,000

One single event is recommended.

Economic Benefit (EB) for this violation

Estimated EB Amount $76

Statutory Limit Test

Violation Final Penalty Total $19,450

This violation Final Assessed Penalty (adjusted for limits) $19,450

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 28867
Reg. Ent. Reference No. RN100211879
Media Air Quality
Violation No. 1

Percent Interest	Years of Depreciation
5.0	15

Item Description (No commas or $)	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$1,000	1-Aug-2006	6-Feb-2008	1.5	$76	n/a	$76
Notes for DELAYED costs	Estimated cost to implement measures designed to prevent internal pipe corrosion. Date required based on the date of the emissions event. Final date based on projected date corrective action will be completed.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance $1,000

TOTAL $76

Compliance History

Customer/Respondent/Owner-Operator: CN601405145 Shell Chemical LP Classification: AVERAGE Rating: 4.75

Regulated Entity: RN100211879 SHELL OIL DEER PARK Classification: AVERAGE Site Rating: 4.75

ID Number(s):

AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0659W
AIR OPERATING PERMITS	PERMIT	1669
AIR OPERATING PERMITS	PERMIT	1668
AIR OPERATING PERMITS	PERMIT	1940
AIR OPERATING PERMITS	PERMIT	1941
AIR OPERATING PERMITS	PERMIT	1942
AIR OPERATING PERMITS	PERMIT	1943
AIR OPERATING PERMITS	PERMIT	1945
AIR OPERATING PERMITS	PERMIT	1946
AIR OPERATING PERMITS	PERMIT	1947
AIR OPERATING PERMITS	PERMIT	1948
AIR OPERATING PERMITS	PERMIT	2108
AIR OPERATING PERMITS	PERMIT	3179
WASTEWATER	PERMIT	WQ0000402000
WASTEWATER	PERMIT	TPDES0004863
WASTEWATER	PERMIT	TX0004863
WASTEWATER	PERMIT	WQ0000403000
WASTEWATER	PERMIT	TPDES0004871
AIR NEW SOURCE PERMITS	PERMIT	3180
AIR NEW SOURCE PERMITS	PERMIT	47405
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	947405W
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	REGISTRATION	54895
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	REGISTRATION	55312
AIR NEW SOURCE PERMITS	REGISTRATION	76382
AIR NEW SOURCE PERMITS	REGISTRATION	75524
AIR NEW SOURCE PERMITS	REGISTRATION	55717
AIR NEW SOURCE PERMITS	REGISTRATION	55730
AIR NEW SOURCE PERMITS	REGISTRATION	55869
AIR NEW SOURCE PERMITS	REGISTRATION	76315
AIR NEW SOURCE PERMITS	EPA ID	PSDTX815
AIR NEW SOURCE PERMITS	PERMIT	PSDTX974
AIR NEW SOURCE PERMITS	PERMIT	PSDTX961
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928M1
AIR NEW SOURCE PERMITS	PERMIT	48912
AIR NEW SOURCE PERMITS	PERMIT	56476
AIR NEW SOURCE PERMITS	PERMIT	56496
AIR NEW SOURCE PERMITS	PERMIT	70389
AIR NEW SOURCE PERMITS	PERMIT	70613
AIR NEW SOURCE PERMITS	PERMIT	70903
AIR NEW SOURCE PERMITS	REGISTRATION	70893
AIR NEW SOURCE PERMITS	PERMIT	71223
AIR NEW SOURCE PERMITS	PERMIT	PSDTX896
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928
AIR NEW SOURCE PERMITS	REGISTRATION	71567
AIR NEW SOURCE PERMITS	REGISTRATION	71682
AIR NEW SOURCE PERMITS	PERMIT	52089
AIR NEW SOURCE PERMITS	PERMIT	52088
AIR NEW SOURCE PERMITS	PERMIT	50388
AIR NEW SOURCE PERMITS	PERMIT	50423
AIR NEW SOURCE PERMITS	PERMIT	50548
AIR NEW SOURCE PERMITS	PERMIT	52565
AIR NEW SOURCE PERMITS	PERMIT	50815
AIR NEW SOURCE PERMITS	PERMIT	54061
AIR NEW SOURCE PERMITS	PERMIT	52476
AIR NEW SOURCE PERMITS	PERMIT	52477
AIR NEW SOURCE PERMITS	PERMIT	54701
AIR NEW SOURCE PERMITS	PERMIT	70612
AIR NEW SOURCE PERMITS	REGISTRATION	74572

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AIR NEW SOURCE PERMITS	REGISTRATION	75045
AIR NEW SOURCE PERMITS	EPA ID	PSDTX974
AIR NEW SOURCE PERMITS	REGISTRATION	76699
AIR NEW SOURCE PERMITS	EPA ID	PSDTX896
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928M1
AIR NEW SOURCE PERMITS	EPA ID	PSDTX961
AIR NEW SOURCE PERMITS	REGISTRATION	77284
AIR NEW SOURCE PERMITS	REGISTRATION	77952
AIR NEW SOURCE PERMITS	REGISTRATION	76265
AIR NEW SOURCE PERMITS	REGISTRATION	78624
AIR NEW SOURCE PERMITS	REGISTRATION	78816
AIR NEW SOURCE PERMITS	REGISTRATION	78839
AIR NEW SOURCE PERMITS	REGISTRATION	78864
AIR NEW SOURCE PERMITS	PERMIT	6949
AIR NEW SOURCE PERMITS	PERMIT	7855
AIR NEW SOURCE PERMITS	PERMIT	9856
AIR NEW SOURCE PERMITS	PERMIT	11177
AIR NEW SOURCE PERMITS	PERMIT	12152
AIR NEW SOURCE PERMITS	PERMIT	12537
AIR NEW SOURCE PERMITS	PERMIT	13373
AIR NEW SOURCE PERMITS	PERMIT	13713
AIR NEW SOURCE PERMITS	PERMIT	16429
AIR NEW SOURCE PERMITS	PERMIT	1119
AIR NEW SOURCE PERMITS	PERMIT	1120
AIR NEW SOURCE PERMITS	PERMIT	3178
AIR NEW SOURCE PERMITS	PERMIT	3179
AIR NEW SOURCE PERMITS	PERMIT	3216
AIR NEW SOURCE PERMITS	PERMIT	5801
AIR NEW SOURCE PERMITS	PERMIT	6791
AIR NEW SOURCE PERMITS	PERMIT	7621
AIR NEW SOURCE PERMITS	PERMIT	9334
AIR NEW SOURCE PERMITS	PERMIT	10888
AIR NEW SOURCE PERMITS	PERMIT	11096
AIR NEW SOURCE PERMITS	PERMIT	11586
AIR NEW SOURCE PERMITS	PERMIT	12373
AIR NEW SOURCE PERMITS	PERMIT	12829
AIR NEW SOURCE PERMITS	PERMIT	13678
AIR NEW SOURCE PERMITS	PERMIT	15961
AIR NEW SOURCE PERMITS	PERMIT	8236
AIR NEW SOURCE PERMITS	PERMIT	9505
AIR NEW SOURCE PERMITS	PERMIT	15262
AIR NEW SOURCE PERMITS	PERMIT	15365
AIR NEW SOURCE PERMITS	PERMIT	15499
AIR NEW SOURCE PERMITS	PERMIT	15940
AIR NEW SOURCE PERMITS	PERMIT	18209
AIR NEW SOURCE PERMITS	PERMIT	18576
AIR NEW SOURCE PERMITS	PERMIT	18738
AIR NEW SOURCE PERMITS	PERMIT	18768
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	PERMIT	22038
AIR NEW SOURCE PERMITS	PERMIT	23273
AIR NEW SOURCE PERMITS	PERMIT	24096
AIR NEW SOURCE PERMITS	PERMIT	24874
AIR NEW SOURCE PERMITS	PERMIT	26368
AIR NEW SOURCE PERMITS	PERMIT	27598
AIR NEW SOURCE PERMITS	PERMIT	29597
AIR NEW SOURCE PERMITS	PERMIT	32282
AIR NEW SOURCE PERMITS	PERMIT	33524
AIR NEW SOURCE PERMITS	PERMIT	34230
AIR NEW SOURCE PERMITS	PERMIT	34358
AIR NEW SOURCE PERMITS	PERMIT	35243
AIR NEW SOURCE PERMITS	PERMIT	35608
AIR NEW SOURCE PERMITS	PERMIT	36226
AIR NEW SOURCE PERMITS	PERMIT	37206
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0659W

AIR NEW SOURCE PERMITS	AFS NUM	0039
AIR NEW SOURCE PERMITS	PERMIT	96
AIR NEW SOURCE PERMITS	PERMIT	97
AIR NEW SOURCE PERMITS	PERMIT	266
AIR NEW SOURCE PERMITS	PERMIT	747
AIR NEW SOURCE PERMITS	PERMIT	748
AIR NEW SOURCE PERMITS	PERMIT	920
AIR NEW SOURCE PERMITS	PERMIT	1920
AIR NEW SOURCE PERMITS	PERMIT	1968
AIR NEW SOURCE PERMITS	PERMIT	2597
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	PERMIT	3177
AIR NEW SOURCE PERMITS	PERMIT	3214
AIR NEW SOURCE PERMITS	PERMIT	3215
AIR NEW SOURCE PERMITS	PERMIT	3217
AIR NEW SOURCE PERMITS	PERMIT	3218
AIR NEW SOURCE PERMITS	PERMIT	3219
AIR NEW SOURCE PERMITS	PERMIT	3985A
AIR NEW SOURCE PERMITS	PERMIT	4256
AIR NEW SOURCE PERMITS	PERMIT	4406
AIR NEW SOURCE PERMITS	PERMIT	4596
AIR NEW SOURCE PERMITS	PERMIT	4933
AIR NEW SOURCE PERMITS	PERMIT	41920
AIR NEW SOURCE PERMITS	PERMIT	41875
AIR NEW SOURCE PERMITS	PERMIT	42221
AIR NEW SOURCE PERMITS	PERMIT	42573
AIR NEW SOURCE PERMITS	PERMIT	42512
AIR NEW SOURCE PERMITS	PERMIT	43605
AIR NEW SOURCE PERMITS	PERMIT	42118
AIR NEW SOURCE PERMITS	PERMIT	44820
AIR NEW SOURCE PERMITS	PERMIT	45654
AIR NEW SOURCE PERMITS	PERMIT	45653
AIR NEW SOURCE PERMITS	PERMIT	45652
AIR NEW SOURCE PERMITS	PERMIT	45944
AIR NEW SOURCE PERMITS	PERMIT	46535
AIR NEW SOURCE PERMITS	PERMIT	47575
AIR NEW SOURCE PERMITS	PERMIT	50052
AIR NEW SOURCE PERMITS	REGISTRATION	79604
AIR NEW SOURCE PERMITS	REGISTRATION	80525
AIR NEW SOURCE PERMITS	REGISTRATION	80503
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID	TXD067285973
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
UNDERGROUND INJECTION CONTROL	PERMIT	WDW172
UNDERGROUND INJECTION CONTROL	PERMIT	WDW173
PETROLEUM STORAGE TANK STAGE II	REGISTRATION	32780
WATER LICENSING	LICENSE	1010320
WASTEWATER LICENSING	LICENSE	WQ0000402000
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1013348
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	6001443
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1010320
IHW CORRECTIVE ACTION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE COMPLIANCE PLANS	PERMIT	50099
PETROLEUM STORAGE TANK REGISTRATION	REGISTRATION	32780

Location: 5900 HIGHWAY 225, DEER PARK, TX, 77536 Rating Date: 9/1/2006 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: December 27, 2006

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: December 05, 2001 to December 05, 2006

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name: Roshondra Lowe Phone: (713) 757-3553

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes

2. Has there been a (known) change in ownership of the site during the compliance period? Yes

3. If Yes, who is the current owner? Shell Deer Park Refining Company
Shell Chemical LP
Shell Oil Company
Deer Park Refining Limited Partnership

4. if Yes, who was/were the prior owner(s)? Resolution Performance Products, LLC
Shell Oil Company
Equilon Enterprises LLC

5. When did the change(s) in ownership occur? N/A
12/03/2002
06/04/2004

Components (Multimedia) for the Site :

A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.

1660-1 Effective Date: 06/12/2003 ADMINORDER 2002-0478-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
40 CFR Part 61, Subpart V 61.242-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 4 PERMIT
Description: Failure to install redundant valves or end caps on open ended lines.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(d)(1)(i)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to adjust monitoring schedule to monthly from quarterly when leak rate exceeds 2%.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Part 63, Subpart G 63.114(a)(1)(ii)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 2 PERMIT
Description: Failure to install a temperature monitoring device in the gas stream immediately before and after the catalyst bed.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 8(A) PERMIT
Description: Failure to operate incinerator H9200 at a VOC outlet concentration of less than 20 ppmv.

1660-2 Effective Date: 09/26/2004 ADMINORDER 2004-0101-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.7(a)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.116(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to conduct flare performance testing in accordance with 40 CFR 63.11 within 180 days of startup or rule applicability.

FINDINGS-1 Effective Date: 02/20/2006 ADMINORDER 2005-0765-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.721(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to obtain control emissions from an emissions event that occurred on December 21, 2000 at the Coker Unit.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)

30 TAC Chapter 101, SubChapter F 101.201(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit a complete final report for a reportable emissions event which occurred at the Coker Unit on December 21, 2000.

FINDINGS-2 Effective Date: 05/12/2006 ADMINORDER 2005-1614-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to report the December 25, 2004 emissions event within 24 hours of discovery.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No 3214, Gen Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 241 lbs of 1, 3-Butadiene, 322 lbs of Butene, 1,299 lbs of Pentane, 2,182 lbs of Ethylene, 68 lbs of Benzene and 1,018 lbs of Propylene during a 10 hour and 30 minute emissions event that occurred on December 25, 2004 in the OP3 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: General Condition #8 PERMIT
Description: Failed to prevent unauthorized emissions of 686 lbs of 1, 3-Butadiene, 949 lbs of Butene, 1,299 lbs of Pentane, 4,059 lbs of Ethylene and 2,044 lbs of Propylene during a 23 minute emissions event that occurred on February 17, 2005 in the Olefins No. 3 Unit ("OP3").

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Max. Allow. Em. Rate Ta PERMIT
Description: Failed to prevent unauthorized emissions of 1847.7 lbs of Ethylene, 680.70 lbs of Carbon Monoxide, and 87.3 lbs of Nitrogen Monoxide during a 3-hour emissions event that occurred on February 24, 2005 at the Acetylene Converters in the Olefins #2 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Gen. Cond. No. 8 OP

Description: Failed to prevent unauthorized emissions of 404 lbs of volatile organic compounds ("VOC") in one hour on January 13, 2005 in the OP2 Unit Elevated Flare. Specifically, 868 lbs of VOCs were released and the VOC maximum allowable emission rate for the flare is 464 lbs per hour.

1660-3 Effective Date: 02/20/2006 ADMINORDER 2005-0734-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent a power outage at Switchback 6B13 which resulted in unauthorized emissions from the HIPA Flare, HIPA Vent, Benji Vent (PC5500A), and Relief Valves RV0624, RV3033B, and RV0298 on May 9, 2004. Category A.11.i(6).

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain the ratio of hydrogen to acetylene in the converter resulting in the flaring of off-specification product resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on June 17, 2004.

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC #1 PERMIT
Description: Failed to prevent the lifting of Relief Valve RV3033B on the fat acid storage tank (T-75B) on June 27, 2004 which resulted in unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain steam pressure on the Olefins 2 Unit and operated the Propylene Refrigerator Compressor with a faulty suction/pressure indicating controller resulting in the flaring of off-specification products at the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on September 13, 2004.

Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: NSR Permit #3173, Special Condition #1 PA
Description: Failed to comply with the maximum allowable emission rates for carbon monoxide, volatile organic compounds ("VOC"), and nitrogen oxides and varied from permit representations for VOC emissions from the IPA Purge Line on September 6, 2004

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also Permit No. 3219, Gen. Condition 8 PERMIT
Description: Failed to control the ammonia concentration in the sour hydrogen feed resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on May 22, 2004. Category A.11.i(6).

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit initial notification of a reportable emissions event at the Isopropyl Alcohol (IPA) Unit which occurred on September 6, 2004 within 24 hours of discovery.

1660-4 Effective Date: 08/20/2005 ADMINORDER 2004-0867-IHW-E

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(11)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.103(c)

Description: Failure to conduct compliance testing for the PHenol-3 BIF and submit recertification of compliance within three years of the previous certification.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(14)
Description: Failure to cease the burning of waste in the Phenol-3 BIF on October 12, 2003.

COURT/O Effective Date: 08/29/2006 COURTORDER

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
30 TAC Chapter 101, SubChapter A 101.5

30 TAC Chapter 111, SubChapter B 111.201

Description: Shell caused, suffered, allowed the outdoor burning of low sulfur diesel fuel and heavy crude oil sludge in such concentration and of such duration to interfere with the normal use and enjoyment of property and caused a freeway closure.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
30 TAC Chapter 101, SubChapter A 101.5

30 TAC Chapter 111, SubChapter B 111.201

Description: Shell caused, suffered, allowed the outdoor burning of natural gas in such concentration and of such duration to interfere with the normal use and enjoyment of property and caused a freeway closure.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)

Rqmt Prov: mact rates PERMIT
Description: Exceeded maximum allowable emission rates for hydrogen sulfide.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
Description: Discharged approximately 327 pounds of unspeciated VOC resulting in air contaminants in such concentration and duration so as to interfere with the normal use and enjoyment of property in teh area.

1660-5 Effective Date: 08/30/2004 ADMINORDER 2003-1321-AIR-E

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: MAERT PERMIT

Description: Failed to comply with the permitted limit established in the MAERT of Air Permit No. 9334 for benzene. Specifically, Shell failed to prevent the unauthorized emission of benzene at the ACU Tank Farm, Tank D-371, for a period of 58 minutes on April 28, 2003. The permitted benzene limit for Tank D-371 is 0.45 lbs/hour.

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

N/A

D. The approval dates of investigations. (CCEDS Inv. Track. No.)

1 02/22/2002 (157682)

N/A

2 08/31/2002 (9511)
3 08/31/2002 (9388)
4 06/26/2003 (60695)
5 02/24/2003 (157683)
6 04/26/2002 (157741)
7 12/19/2002 (13703)
8 04/29/2003 (157742)
9 02/10/2003 (157684)
10 03/25/2002 (157686)
11 03/25/2003 (157687)
12 08/05/2005 (341201)
13 07/14/2006 (467608)
14 01/13/2003 (246531)
15 02/20/2003 (10139)
16 05/29/2002 (157745)
17 10/15/2002 (5839)
18 05/27/2003 (157746)
19 07/24/2006 (520133)
20 10/04/2004 (352006)
21 08/16/2004 (279252)
22 10/22/2003 (249626)
23 07/31/2006 (482753)
24 02/23/2005 (371820)

25 09/25/2006 (520134)
26 09/25/2003 (295217)
27 07/26/2006 (487301)
28 02/27/2006 (457162)
29 11/28/2005 (437043)
30 04/24/2006 (449499)
31 01/06/2005 (344370)
32 10/04/2005 (405964)
33 05/09/2005 (378729)
34 05/26/2006 (460174)
35 10/18/2004 (335028)
36 08/11/2004 (288458)
37 06/30/2006 (463111)
38 06/28/2005 (394944)
39 06/27/2002 (157749)
40 10/20/2004 (352007)
41 01/24/2006 (451885)
42 08/31/2002 (10160)
43 08/29/2002 (8058)
44 10/10/2005 (406428)
45 10/05/2006 (510021)
46 06/09/2004 (272409)
47 06/30/2006 (466561)
48 04/25/2006 (449838)
49 08/11/2004 (288745)
50 08/19/2002 (7668)
51 10/23/2003 (295219)

52	01/04/2004	(251319)
53	06/25/2003	(157750)
54	03/20/2006	(431859)
55	01/26/2005	(342583)
56	04/22/2002	(157692)
57	08/31/2002	(9479)
58	08/18/2006	(457259)
59	10/05/2005	(407310)
60	04/23/2003	(157693)
61	08/31/2002	(10241)
62	07/11/2006	(482755)
63	08/31/2002	(10071)
64	08/24/2002	(4890)
65	07/23/2003	(284079)
66	12/28/2004	(290091)
67	11/21/2003	(295220)
68	07/25/2002	(157753)
69	02/27/2006	(456661)
70	04/03/2003	(19124)
71	11/23/2004	(352008)
72	01/02/2004	(257380)
73	05/03/2005	(373899)
74	02/28/2006	(457143)
75	05/25/2005	(380203)
76	08/15/2005	(453221)
77	05/26/2006	(460095)
78	08/23/2005	(401945)
79	12/17/2003	(295221)
80	08/16/2002	(157756)
81	05/17/2006	(461235)
82	06/23/2006	(467537)
83	08/25/2006	(510170)
84	10/04/2006	(510017)
85	01/09/2005	(289381)
86	05/10/2006	(266908)
87	08/02/2002	(4405)
88	12/27/2004	(352009)
89	08/31/2002	(9298)
90	05/28/2002	(157696)
91	09/28/2005	(431096)
92	03/28/2006	(405965)
93	08/23/2006	(457432)
94	04/29/2005	(344372)
95	05/26/2006	(460156)
96	05/22/2003	(157697)
97	11/22/2004	(285617)
98	01/26/2004	(295222)
99	06/28/2003	(33595)
100	01/31/2005	(342585)
101	08/31/2004	(272715)
102	08/29/2006	(509957)
103	11/04/2005	(431796)
104	08/21/2002	(8730)
105	09/27/2002	(157759)
106	12/08/2005	(418800)
107	01/14/2004	(254260)
108	08/22/2005	(400922)
109	10/05/2005	(406803)
110	08/31/2002	(9698)
111	07/10/2006	(482757)
112	08/16/2005	(404329)
113	02/27/2004	(295223)
114	02/25/2006	(456944)
115	07/28/2005	(379300)
116	04/22/2005	(419640)
117	01/10/2003	(20830)
118	08/11/2004	(287418)
119	11/30/2003	(248256)

120	06/14/2006	(480612)
121	09/07/2004	(292099)
122	10/28/2002	(157762)
123	05/17/2006	(466235)
124	06/24/2002	(157700)
125	05/26/2004	(273578)
126	03/24/2004	(295225)
127	06/21/2005	(419641)
128	12/16/2005	(451110)
129	01/10/2005	(286434)
130	09/07/2006	(510326)
131	01/28/2004	(261052)
132	05/30/2006	(459416)
133	11/12/2004	(290146)
134	01/05/2005	(289527)
135	06/24/2003	(157701)
136	12/09/2002	(14114)
137	06/23/2004	(352010)
138	04/22/2005	(419642)
139	05/25/2004	(268601)
140	01/06/2005	(344373)
141	07/17/2002	(4842)
142	04/26/2006	(455005)
143	04/23/2004	(295226)
144	07/11/2006	(482760)
145	08/13/2002	(2149)
146	10/27/2006	(515112)
147	06/21/2005	(419643)
148	04/27/2006	(440023)
149	12/14/2004	(341177)
150	04/01/2005	(346780)
151	05/31/2006	(480622)
152	07/23/2002	(157704)
153	01/13/2002	(246530)
154	11/27/2002	(157766)
155	02/23/2006	(455872)
156	05/25/2004	(295228)
157	09/23/2005	(440775)
158	12/30/2004	(342431)
159	02/22/2005	(350798)
160	12/30/2004	(344374)
161	04/03/2006	(455004)
162	10/31/2006	(513138)
163	07/25/2003	(157705)
164	06/05/2003	(29924)
165	05/25/2004	(266874)
166	09/23/2005	(440776)
167	12/30/2004	(344491)
168	09/29/2006	(487313)
169	12/06/2002	(13895)
170	06/28/2006	(467525)
171	02/23/2004	(248995)
172	10/13/2006	(510023)
173	05/31/2006	(455293)
174	11/06/2006	(515706)
175	12/03/2002	(13971)
176	08/31/2006	(457283)
177	08/22/2002	(157708)
178	12/27/2001	(157769)
179	07/22/2004	(352011)
180	08/31/2004	(267451)
181	11/04/2005	(431865)
182	08/31/2002	(8665)
183	07/25/2003	(157709)
184	11/30/2006	(379581)
185	06/15/2006	(449850)
186	12/23/2002	(157770)
187	11/23/2005	(433921)

188	12/21/2004	(342546)
189	07/23/2003	(295231)
190	08/30/2005	(401403)
191	02/21/2006	(455170)
192	10/26/2005	(433389)
193	12/05/2004	(268602)
194	05/30/2006	(460198)
195	07/27/2006	(486448)
196	05/26/2006	(460637)
197	09/23/2002	(157712)
198	01/21/2004	(252556)
199	08/12/2003	(148558)
200	08/31/2002	(10222)
201	08/18/2006	(457480)
202	11/30/2005	(437117)
203	08/31/2002	(10117)
204	08/26/2003	(295233)
205	08/30/2006	(509636)
206	11/16/2006	(512687)
207	01/04/2005	(288475)
208	08/23/2004	(352012)
209	01/24/2002	(157773)
210	12/11/2004	(341292)
211	12/10/2004	(338725)
212	05/10/2006	(268067)
213	08/08/2006	(482747)
214	06/18/2004	(271341)
215	08/16/2004	(279239)
216	08/03/2005	(399624)
217	03/23/2006	(290016)
218	09/22/2004	(352013)
219	10/23/2002	(157716)
220	08/01/2002	(4773)
221	01/28/2003	(157774)
222	12/11/2004	(342406)
223	03/31/2004	(260311)
224	05/30/2003	(36614)
225	05/19/2004	(256196)
226	08/16/2006	(392732)
227	09/22/2003	(295235)
228	01/04/2005	(285114)
229	08/31/2004	(268068)
230	09/26/2002	(12173)
231	10/28/2003	(252341)
232	10/23/2002	(157718)
233	10/20/2004	(352014)
234	02/13/2003	(22044)
235	10/27/2003	(295237)
236	10/31/2006	(509694)
237	08/02/2005	(400361)
238	11/29/2004	(339553)
239	08/31/2002	(10030)
240	01/24/2003	(17948)
241	10/04/2006	(512388)
242	08/25/2005	(405926)
243	11/26/2003	(295238)
244	08/31/2002	(9860)
245	12/15/2004	(340217)
246	12/11/2004	(342558)
247	11/22/2004	(352015)
248	01/07/2005	(288436)
249	11/21/2002	(157721)
250	08/10/2005	(403710)
251	08/28/2002	(5059)
252	05/11/2003	(26340)
253	07/11/2006	(482407)
254	12/14/2004	(342547)
255	02/23/2006	(455897)

256	08/18/2005	(404406)
257	12/23/2003	(295239)
258	03/23/2005	(381809)
259	05/09/2003	(26339)
260	08/24/2002	(4888)
261	04/24/2006	(498125)
262	06/18/2004	(270854)
263	12/20/2004	(352016)
264	07/08/2002	(1368)
265	03/28/2005	(381810)
266	04/16/2004	(256199)
267	08/28/2006	(479997)
268	05/22/2006	(498126)
269	07/20/2005	(400891)
270	01/24/2005	(381811)
271	12/19/2001	(157724)
272	05/12/2006	(461088)
273	06/20/2006	(498127)
274	01/22/2004	(295240)
275	08/31/2002	(4913)
276	01/02/2004	(252698)
277	12/29/2004	(342425)
278	11/12/2004	(288819)
279	02/22/2005	(381812)
280	03/03/2006	(455540)
281	08/29/2006	(479999)
282	07/21/2005	(400399)
283	12/30/2002	(157725)
284	03/31/2003	(10812)
285	03/22/2005	(381813)
286	02/24/2006	(438342)
287	04/28/2006	(462216)
288	01/20/2005	(381814)
289	11/21/2006	(517284)
290	02/01/2005	(342419)
291	11/04/2002	(14763)
292	06/16/2003	(114383)
293	12/31/2002	(13462)
294	10/05/2006	(512393)
295	01/04/2005	(288902)
296	08/31/2002	(9964)
297	03/15/2006	(458469)
298	01/05/2005	(288541)
299	08/23/2003	(36650)
300	02/25/2006	(457085)
301	05/10/2003	(450832)
302	02/05/2003	(23703)
303	01/28/2002	(157728)
304	10/05/2005	(431097)
305	12/28/2004	(338893)
306	10/28/2005	(405406)
307	08/31/2002	(4915)
308	06/23/2006	(467329)
309	06/21/2006	(467546)
310	08/05/2005	(341194)
311	05/19/2004	(295206)
312	08/28/2002	(5060)
313	01/27/2003	(157729)
314	12/23/2002	(15106)
315	07/14/2004	(260134)
316	12/17/2002	(16626)
317	11/03/2005	(431819)
318	02/24/2003	(22731)
319	06/12/2006	(455296)
320	08/31/2002	(9758)
321	11/03/2006	(513228)
322	02/28/2006	(457152)
323	02/24/2006	(468329)

324	01/10/2005	(287676)
325	07/18/2005	(379933)
326	03/23/2006	(468330)
327	08/31/2002	(10403)
328	03/16/2004	(295208)
329	10/05/2005	(431095)
330	10/24/2005	(468331)
331	07/18/2005	(379934)
332	04/21/2004	(295209)
333	08/29/2003	(149848)
334	11/28/2005	(468332)
335	11/11/2004	(289756)
336	06/03/2004	(270210)
337	11/03/2006	(513328)
338	08/05/2005	(341195)
339	02/23/2004	(432673)
340	08/14/2006	(480383)
341	12/27/2005	(468333)
342	03/09/2006	(457675)
343	11/16/2006	(514711)
344	08/24/2004	(352003)
345	10/31/2006	(343595)
346	01/24/2006	(468334)
347	05/19/2004	(295211)
348	02/26/2002	(157733)
349	02/28/2003	(157734)
350	10/26/2006	(512394)
351	11/14/2005	(371956)
352	01/04/2005	(342600)
353	02/16/2006	(454090)
354	08/11/2004	(287399)
355	02/04/2002	(246532)
356	08/05/2005	(341198)
357	09/30/2004	(287575)
358	06/21/2004	(295213)
359	06/13/2006	(457735)
360	03/25/2002	(157736)
361	02/12/2003	(24287)
362	10/05/2006	(512392)
363	08/16/2005	(404327)
364	10/02/2002	(12436)
365	07/26/2004	(352004)
366	03/17/2006	(451544)
367	01/06/2005	(289146)
368	08/06/2003	(114294)
369	02/23/2006	(439108)
370	01/04/2005	(293105)
371	07/13/2005	(374690)
372	03/31/2003	(157737)
373	02/21/2006	(454835)
374	06/17/2005	(392662)
375	01/09/2003	(19750)
376	08/23/2005	(404915)
377	08/24/2004	(352005)
378	08/31/2004	(292677)
379	12/17/2004	(339115)
380	08/05/2005	(341200)
381	01/10/2005	(279219)

E. Written notices of violations (NOV). (CCEDS Inv. Track. No.)

N/A

DMR-1

Date: 01/31/2003 (157683)

Self Report? YES

Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

SIM-1 Date: 12/30/2004 (344491)
Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA
Description: Failure to control emissions.

SIM-2 Date: 01/21/2004 (252556)
Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

Rqmt Prov: PERMIT IA
Description: Shell damaged the lube oil pump for the Recycle Gas Compr. Either possible root cause (failure to prime the pump or improperly installing the new motive screws) avoidably damaged those screws. Shell failed to control SO2 emissions during a startup activity.

N/S-1 Date: 08/18/2006 (457259)
Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA
Description: 3 OELs in SITEFE and 1 OEL in WRACKFE

DMR-2 Date: 06/30/2006 (520133)
Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

N/S-2 Date: 12/14/2004 (340217)
Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(4)
30 TAC Chapter 305, SubChapter F 305.125(5)

TWC Chapter 26 26.121(a)(1)

Description: Failure to prevent the unauthorized discharge of untreated or partially treated process, sanitary, balast, and utility wastewaters through outfall 008. The permittee is authorized to discharge storm water and fire water only to outfall 008. See attached Table 1.

N/S-3 Date: 06/28/2006 (467525)
Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA
Description: Failure to prevent overpressure of Secondary Debutanizer Column, V-613.
Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failed to identify the preconstruction authorization.

DMR-3 Date: 05/31/2002 (157749)
Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

SIM-3

Date: 08/31/2004 (272715)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to operate within the permit limits.

SIM-4

Date: 11/14/2006 (512687)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to record the daily visual observations of flare per 30 TAC111.111(a)(4)(A)(ii).

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100(1)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to prevent visible emissions in the operation of flares on six different occasions during the compliance certification period as required by 40 CFR 63.11(b)(4) and 40 CFR 60.18(c)(1).

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.145(2)(A)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to include all deviations in the deviation and annual compliance certification reports in accordance with 30 TAC 122.145(2)(A).

DMR-4

Date: 09/30/2004 (352007)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

DMR-5

Date: 09/30/2003 (295219)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

SIM-5

Date: 08/23/2006 (457432)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Components associated with Tank F-347 and Tank F-349 were not identified as being subject to 40 CFR 63, Subpart H.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: 10 OELs in MPLANTFE

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: 5 OELs in LPGFE; 15 OELs in IPAFINFE; 8 OELs in IPACRUFE; 1 OEL in HPLANTFE

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(2)(C)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to monitor Valve Tag No. 301622 in IPAFINFE during the first quarter of 2005

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to inspect Tank T667B by the due date of March 2005

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 106, SubChapter K 106.261(a)(2)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: VOC emissions from V118 exceeded the combined hourly emissions limit of 6.49 lb/hr-0.52 lb/hr permitted in Permit 3173 and 5.97 lb/hr represented in PBR Registration No. 74572.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(1)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to repair Component No. 200706 in IPACRUFE within seven days

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(4)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to monitor a relief valve in Unit LPGFE within 24 hours after the valve released emissions to the atmosphere

N/S-4 Date: 01/24/2003 (17948)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(10)

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)

Description: Failure to identify cause of the event and failure to comply with TCEQ Air Permit 3219.

N/S-5 Date: 12/30/2002 (13462)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: Failure to comply with permitted effluent limits for pH, Oil and Grease, TOC, and BOD.

SIM-6 Date: 01/07/2005 (288436)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Exceeded permit limits during an avoidable emissions event.

DMR-6 Date: 11/30/2004 (352009)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

DMR-7 Date: 03/31/2005 (419640)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

N/S-6 Date: 01/13/2002 (246530)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

N/S-7 Date: 12/08/2005 (418800)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: Failure to maintain compliance with the effluent permit limits. Effluent violations were reported for ammonia-nitrogen at outfall 104 in 07/05 and for calcium, nickel and fecal coliform at outfall 001 in 03/05.

DMR-8 Date: 07/31/2005 (419643)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

N/S-8 Date: 01/14/2004 (254260)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT IA

Description: Main induced-draft fan on Boiler H-8610 shut down when governor seized due to dirty oil (inadequate attention to the status of the oil). The (large) boiler tripped on loss of the fan. Two olefin plants were shut down due to insufficient steam supply to the steam turbines driving the large critical compressors.

SIM-7 Date: 07/14/2006 (467608)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to prevent unauthorized emissions during decoking of furnace FOL170.

SIM-8 Date: 01/09/2005 (289381)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Exceeded permit limits during an avoidable emissions event.

N/S-9 Date: 06/16/2006 (510170)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Rqmt Prov: PERMIT IA

Description: Using unapproved self-generated Discharge Monitoring Report (DMR) forms to report monitoring results.

SIM-9 Date: 08/17/2005 (404327)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)

Description: Failure to maintain ammonia emissions below 10ppm on furnace 110.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)

Description: Failure to maintain ammonia emissions below 10ppm on furnace 150.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)

Description: Failure to maintain ammonia emissions below 10ppm on furnace 180.

N/S-10 Date: 12/28/2004 (290091)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter B 116.115(b)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to avoid loss of cooling in the PRC surface condensate system.

N/S-11 Date: 06/20/2005 (395120)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to prevent spill during tank heel transfer.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)

30 TAC Chapter 101, SubChapter F 101.201(b)(8)

Description: Failure to submit an emissions event in a timely manner.

N/S-12 Date: 01/04/2005 (342600)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA
Description: Failure to control hydrate formation in the demethanizer column.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
Description: Failure to report emissions event in a timely manner.

DMR-9 Date: 04/30/2004 (295228)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

SIM-10 Date: 02/27/2006 (438342)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to control unauthorized emissions.

SIM-11 Date: 08/31/2004 (267451)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA
Description: Failure to prevent unauthorized emissions.

DMR-10 Date: 06/30/2004 (352011)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

SIM-12 Date: 10/10/2005 (406428)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to control emissions.

DMR-11 Date: 12/31/2001 (157773)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

DMR-12 Date: 07/31/2006 (440775)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

N/S-13 Date: 07/13/2004 (260134)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA
Description: Failure to report an emissions event in a timely manner.

N/S-14 Date: 09/22/2004 (335028)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.46(m)
Description: Failure to maintain all pressure maintenance facilities and related appurtenances in a watertight condition.

SIM-13 Date: 02/23/2006 (439108)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA

Description: Exceeded permit limits during an avoidable emissions event.

N/S-15 Date: 08/31/2006 (457283)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to analyze wastewater for isobutyraldehyde

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.132(a)[G]

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to meet the control requirements for VOC water separators NAPI and SAPI

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.116b(f)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to obtain vapor pressure sample from T-1318

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(f)(2)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to monitor the presence of the pilot flame on the A&S Flare, EPN A1301

SIM-14 Date: 08/28/2006 (479997)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(2)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to repair Component No. 64110.P in OP2FUG within 15 days

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Forty-nine incidences of open-ended lines in OP2FUG

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: 26 OELs in OL3FUG and 4 OELs in PYR3FUG

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT UU 63.1033(b)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: 28 OELs in OL3FUG, 4 OELs in OP2FUG, and 25 OELs in PYR3FUG

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Exceedance of VOC MAER in tpy for the Olefins Flare System

DMR-13 Date: 11/30/2003 (295239)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

SIM-15 Date: 06/15/2006 (457735)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to prevent a leak from a line that was bent beyond its minimum flex radius creating a weak point that resulted in unauthorized emissions.

DMR-14 Date: 12/31/2001 (157728)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

SIM-16 Date: 04/29/2005 (344372)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to control emissions.

DMR-15 Date: 12/31/2002 (157729)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

SIM-17 Date: 05/17/2006 (461235) 47

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.665(f)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(j)(7)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to record whether the pilot flame was continuously present during each hour for Flares OP2ELFLA and OP3ELFLA

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and OP3GRFLA.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Operation of Flares OP2ELFLA, OP3ELFLA and OP3GRFLA with visible emissions .

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Nine OELs in HT2; 2 OELs in CIPX

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to seal 18 OELs in IRU.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to seal OELs in BD3.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Furnaces FOL-601 and FOL-602 exceeded the permitted maximum hourly firing rates.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: The fuel gas used by Furnaces FOL601, FOL602, FOL603 and FOL604 exceeded the permitted maximum H2S concentration.

DMR-16 Date: 09/30/2005 (468331)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

SIM-18 Date: 04/04/2006 (455004)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA

Description: Failure to control unauthorized emissions for Incident #64365.

N/S-16 Date: 02/04/2002 (246532)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

SIM-19 Date: 11/22/2004 (285617)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:

PERMIT IA

Description: Failure to operate within the permit limits.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)

Description: Failure to indicate the air contaminants from the flare completely in the final report.

SIM-20 Date: 06/28/2003 (33595)

Self Report? NO Classification: Moderate

Citation: 5C THC Chapter 382, SubChapter A 382.085(a)

Description: Failed to prevent an emissions release by good design, operation, and maintenance practices.

SIM-21 Date: 05/11/2003 (26340)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

Description: Shell failed to prevent unauthorized emissions from an activity or event that could have been foreseen and avoided by good design, operation, and maintenance practices.

SIM-22 Date: 08/29/2006 (479999)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: One OEL in ACUFUG and one OEL in FUGOXU

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Incomplete records of furnace firing rates for the ACU furnace, EPN H902

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.120(a)(3)(iii)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to conduct internal inspection of Tank F-361 by the due date of May 2005

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Operation of the East Property Flare with visible emissions

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to visually inspect Tank G-359 by the due date of August 16, 2005

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to provide notification to the TCEQ 30 days in advance of taking gap measurements in Tank G-359

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(2)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

PERMIT IA

Description: Failure to perform the annual seal gap inspection for Tank G-343 by the due date of September 1, 2005.

SIM-23 Date: 01/04/2004 (251319)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT IA

Description: Shell allowed 237 lbs of unauthorized emissions of mesityl oxide (a highly irritating ketone, which overflowed Tank T-40-16 due to an inaccurate level indicator and failure to respond to a high level alarm from the back up high level alarm system.

N/S-17 Date: 12/16/2002 (16626)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 290, SubChapter D 290.43(c)(1)

Description: Failure to protect the vent opening on the ground storage tank with a 16-mesh or finer

corrosion resistant screen.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.42(e)(3)(D)

Description: Failure to provide scales for determining the amount of disinfectant used daily.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)

Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)

Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.

DMR-17 Date: 02/28/2002 (157736)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

N/S-18 Date: 11/03/2006 (513328)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.223(a)(1)

5C THC Chapter 382, SubChapter D 382.085(b)

Description: Shell failed to submit a CAP in a timely manner.

Date: 05/31/2006 (455293)

SIM-24 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to prevent an operator error resulting in unauthorized emissions.

Date: 07/31/2003 (157709)

DMR-18 Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

SIM-25 Date: 12/30/2004 (344374)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA

Description: Failure to Control Emissions

F. Environmental audits. **54 NOTICES OF INTENT AND 9 DISCLOSURES**

Notice of Intent Date: 05/27/2003 (112481)
No DOV Associated

Notice of Intent Date: 06/13/2003 (251436)
No DOV Associated

Notice of Intent Date: 06/12/2003 (251440)
Disclosure Date: 09/04/2003

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B

Description: Failure to maintain and compile inspection reports that document all of the elements required by the applicable regulations.

Notice of Intent Date: 08/12/2003 (251504)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251740)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251760)

No DOV Associated

Notice of Intent Date: 10/20/2003 (263020)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263024)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263025)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263029)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263033)
Disclosure Date: 12/07/2004

Viol. Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter B

Description: records not available for daily sampling/analysis results for vapor pressure of the wastewater streams procssed by the unit's API separator

Notice of Intent Date: 10/28/2004 (263123)
No DOV Associated

Notice of Intent Date: 04/28/2003 (263686)
No DOV Associated

Notice of Intent Date: 02/26/2003 (263866)
No DOV Associated

Notice of Intent Date: 02/20/2004 (265126)
No DOV Associated

Notice of Intent Date: 12/20/2002 (265131)
Disclosure Date: 06/24/2003

Viol. Classification: Major
Citation: 30 TAC Chapter 116, SubChapter B

Description: Failed to authorize emissions from rail car cleaning.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A

Description: Failed to report emissions from EPN Carclean in emissions inventory.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F

Description: Failed to justify control efficiency of railcar cleaning CAS.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F

Description: Failed to keep records of CAS breakthrough monitoring.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B

Description: failed to submit compliance plan with application

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F

Description: failed to process tank cars with partial vapor pressure of >= 0.5 psia through properly operating control system

Notice of Intent Date: 02/26/2003 (29900)
No DOV Associated

Notice of Intent Date: 01/18/2002 (32901)
Disclosure Date: 02/08/2002

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN

Description: Failure to acquire approval to waive the requirements of a continuous pilot flame recorder for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN

Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A

40 CFR Part 60, Subpart NNN

Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FINID numbers IRUFLR and TRUFLRG.

Notice of Intent Date: 01/12/2003 (32908)
No DOV Associated

Notice of Intent Date: 03/01/2002 (32928)
No DOV Associated

Notice of Intent Date: 03/19/2002 (32937)
No DOV Associated

Notice of Intent Date: 04/12/2002 (32949)
No DOV Associated

Notice of Intent Date: 05/30/2002 (32974)
No DOV Associated

Notice of Intent Date: 06/26/2002 (32979)
No DOV Associated

Notice of Intent Date: 08/19/2002 (33022)
No DOV Associated

Notice of Intent Date: 09/04/2002 (33051)
No DOV Associated

Notice of Intent Date: 09/16/2002 (33069)
No DOV Associated

Notice of Intent Date: 10/29/2002 (33101)
No DOV Associated

Notice of Intent Date: 11/20/2002 (33116)
No DOV Associated

Notice of Intent Date: 08/06/2004 (334038)
Disclosure Date: 10/12/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F

Rqmt Prov: PERMIT Compliance b. Operational Requirements 1
PERMIT General b.

Description: noncompliance with requirement to maintain all facilities and systems of treatment and control (and related appurtenances)

Notice of Intent Date: 08/06/2004 (334047)
No DOV Associated

Notice of Intent Date: 08/27/2004 (334576)
No DOV Associated

Notice of Intent Date: 07/16/2002 (33993)
No DOV Associated

Notice of Intent Date: 10/12/2004 (349555)
No DOV Associated

Notice of Intent Date: 11/11/2004 (349565)
No DOV Associated

Notice of Intent Date: 01/04/2005 (349867)
Disclosure Date: 06/17/2005

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C

40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA

Description: documentation was not readily available to fully demonstrate that a formal refinery maximum achievable control technology applicability determination (ie >5% HAPS) had been made for equipment in light crude service

Viol. Classification: Minor
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A

Description: one New Source Performance Standard (NSPS) notification for Start of Construction and Start of Operation for the CGHT unit could not be located

Viol. Classification: Minor
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A

40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG

Description: documentation was not readily available to fully demonstrate that the process to determine if a project triggered NSPS "Modification" was being completed for NSPS Subpart GGG compliance

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A

40 CFR Chapter 372, SubChapter J, PT 372, SubPT B

Description: emissions from fueling of vehicles in the Deer Park Refinery were not included in emissions inventories as required

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A

Description: documentation was not readily available to demonstrate the development of a formal startup, shutdown, and malfunction plan (SSMP), and to document that when appropriate, a semi-annual report was submitted

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C

40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA

Description: documentation was not readily available to fully demonstrate the group 1 or group 2 applicability determination for miscellaneous process vents

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C

40 CFR Chapter 63, SubChapter C, PT 63, SubPT F

Description: although monthly monitoring of cooling water return to the HON SWT was conducted and no leaks were detected, it is unclear whether there was complete compliance wiht HON requirements

Viol. Classification: Moderate
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF

Description: annual LDAR instrument monitoring of CPI and IGF benzene wastewater equipment had not been performed as required by benzene waste NESHAP regulations

Viol. Classification: Moderate
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF

Description: periodic visual inspection of the CPI and IGF benzene wastewater equipment to ensure access hatches and other openings are properly closed and gasketed had not been performed as required by the benzene waste NESHAP regulations

Notice of Intent Date: 01/06/2005 (349868)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350720)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350721)
Disclosure Date: 03/23/2005

Viol. Classification: Moderate
Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT F

Description: failed to meet requirements for maintenance/start-up/shutdown related activities

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C

Description: incorporation by reference of 40 CFR 63 Subpart F (SOCMI MACT standard)

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C

Description: incorporation by reference of 40 CFR 63 Subpart G (SOCMI for Process Vents, Storage Vessels, Transfer Operations, and Wastewater MACT standard)

Notice of Intent Date: 01/27/2005 (350723)
Disclosure Date: 07/06/2005

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter C

40 CFR Chapter 262, SubChapter I, PT 262, SubPT C

Description: Equipment associated with a decommissioned cumene unit in the Phenol Acetone Production Areas was not properly decontaminated when shut down in 2001. Process vessels, pumps, exchangers, and piping contain material that meets the definition of a characteristically hazardous waste (D002, D018).

Notice of Intent Date: 01/05/2005 (371573)

No DOV Associated

Notice of Intent Date: 03/02/2005 (375030)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375031)
Disclosure Date: 07/14/2005

Viol. Classification: Minor
Rqmt Prov: PERMIT Air New Source Permit No. 9334 SC 10.D

Description: no notification 30 days in advance of 11/04 seal gap measurement for Aromatics EFR tank G-359

Viol. Classification: Minor
Rqmt Prov: PERMIT Air New Source Permits

Description: no notification 30 days in advance of refilling of Solvents IFR tank T140B, Phenol Acetone IFR tank D391, Solvents IFR tank F337

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G
Rqmt Prov: PERMIT Permit 9334 Special Condition 10D
Description: no 10 yr internal seal inspection of Aromatics IFR tank F-361

Notice of Intent Date: 04/15/2005 (380864)
No DOV Associated

Notice of Intent Date: 05/18/2005 (396476)
No DOV Associated

Notice of Intent Date: 06/19/2003 (397860)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434090)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434095)
No DOV Associated

Notice of Intent Date: 11/04/2005 (438422)
No DOV Associated

Notice of Intent Date: 11/20/2003 (449697)
No DOV Associated

Notice of Intent Date: 12/02/2005 (451075)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452942)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452952)
No DOV Associated

Notice of Intent Date: 04/16/2006 (463688)
No DOV Associated

Notice of Intent Date: 05/22/2006 (454159)
No DOV Associated

G. Type of environmental management systems (EMSs).

Non 30 TAC CH 90 C

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

Type	Tier	Certification Date
CLEAN TEXAS PROGRAM	PARTNERSHIP	12/20/2004
CLEAN TEXAS PROGRAM	PARTNER	12/20/2004

J. Early compliance.

N/A

Sites Outside of Texas

N/A

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	Shell Chemical Company	CUSTOMER NO.:	CN601405145
REGULATED ENTITY:	Shell Chemical Company Deer Park	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 Hwy 225		
REG. ENTITY CITY:	Deer Park		

Violations

EPA CASE NO.:	06-1998-0547	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20011015	STATUTE: CAA	SECT. OF STATUTE: 112R
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	CITE PART: CITE SECT.:
CASE RESULT:	Final Order With Penalty	PROGRAM:	NESHAPs
		VIOLATION TYPE:	Other/Miscellaneous

Penalty Calculation Worksheet (PCW)

Policy Revision 2 (September 2002) — *PCW Revision December 8, 2006*

TCEQ

DATES						
Assigned	18-Dec-2006					
PCW	4-Jan-2007	Screening	29-Dec-2006	EPA Due		

RESPONDENT/FACILITY INFORMATION

Respondent	Shell Chemical LP and Shell Oil Company		
Reg. Ent. Ref. No.	RN100211879		
Facility/Site Region	12-Houston	Major/Minor Source	Major

CASE INFORMATION

Enf./Case ID No.	28867	No. of Violations	2
Docket No.	2006-0328-MLM-E	Order Type	Findings
Media Program(s)	Air Quality	Enf. Coordinator	Roshondra Lowe
Multi-Media		EC's Team	EnforcementTeam 6
Admin. Penalty $ Limit Minimum	$0	Maximum	$10,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) — *Subtotal 1*: $20,000

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History — 301% Enhancement — *Subtotals 2, 3, & 7*: $60,200

Notes: The penalty was enhanced due to thirty NOVs for same or similar violations, thirteen NOVs issued for unrelated issues, sixteen self-reported effluent discharge violations, five 1660-style Agreed Orders with denial of liability, two Findings Orders without denial of liability and one court judgement containing a denial of liability. Penalty reduction due to fifty-four audits, nine disclosures, an environmental management system in place for one year or more, and participation in a voluntary pollution reduction program.

Culpability — No — 0% Enhancement — *Subtotal 4*: $0

Notes: Respondent does not meet the culpability criteria.

Good Faith Effort to Comply — 10% Reduction — *Subtotal 5*: $2,000

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary		x
N/A		(mark with x)

Notes: The Respondent completed corrective actions on February 7, 2005

0% Enhancement* — *Subtotal 6*: $0

**Capped at the Total EB $ Amount*

Total EB Amounts	$810
Approx. Cost of Compliance	$10,000

SUM OF SUBTOTALS 1-7 — *Final Subtotal*: $78,200

OTHER FACTORS AS JUSTICE MAY REQUIRE — *Adjustment*: $0

Reduces or enhances the Final Subtotal by the indicated percentage. *(Enter number only; e.g. -30 for -30%.)*

Notes:

Final Penalty Amount: $78,200

STATUTORY LIMIT ADJUSTMENT — *Final Assessed Penalty*: $20,000

DEFERRAL — 0% Reduction — *Adjustment*: $0

Reduces the Final Assessed Penalty by the indicted percentage. *(Enter number only; e.g. 20 for 20% reduction.)*

Notes: No deferral is recommended for Findings Orders.

PAYABLE PENALTY: $20,000

PCW 12

Screening Date 29-Dec-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP and Shell Oil Company *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision December 8, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Roshondra Lowe

Compliance History Worksheet

>> Compliance History *Site* Enhancement (Subtotal 2)

Component	Number of...	*Enter Number Here*	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (*number of NOVs meeting criteria*)	30	150%
	Other written NOVs	29	58%
Orders	Any agreed final enforcement orders containing a denial of liability (*number of orders meeting criteria*)	5	100%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	2	50%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (*number of judgements or consent decrees meeting criteria*)	1	30%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (*number of counts*)	0	0%
Emissions	Chronic excessive emissions events (*number of events*)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which notices were submitted)*	54	-54%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (*number of audits for which violations were disclosed*)	9	-18%

		Please Enter Yes or No	
Other	Environmental management systems in place for one year or more	Yes	-10%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	Yes	-5%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 301%

>> Repeat Violator (Subtotal 3)

No

Adjustment Percentage (Subtotal 3) 0%

>> Compliance History Person Classification (Subtotal 7)

Average Performer

Adjustment Percentage (Subtotal 7) 0%

>> Compliance History Summary

Compliance History Notes

The penalty was enhanced due to thirty NOVs for same or similar violations, thirteen NOVs issued for unrelated issues, sixteen self-reported effluent discharge violations, five 1660-style Agreed Orders with denial of liability, two Findings Orders without denial of liability and one court judgement containing a denial of liability. Penalty reduction due to fifty-four audits, nine disclosures, an environmental management system in place for one year or more, and participation in a voluntary pollution reduction program.

Total Adjustment Percentage (Subtotals 2, 3, & 7) 301%

Screening Date 29-Dec-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP and Shell Oil Company *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision December 8, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Roshondra Lowe

Violation Number 1

Rule Cite(s) 30 Tex. Admin. Code § 116.715(a), Tex. Health & Safety Safety Code § 382.085(b), and Air Permit No. 21262, Special Condition No. 1

Violation Description Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 33,120 pounds (lbs) of sulfur dioxide, 49 lbs of carbon monoxide, 376 pounds of hydrogen sulfide, 7 lbs of nitrogen dioxide, and 2 lbs of particulate matter were released during a Diesel Hydro Treater (DHT) unit start-up activity which also resulted in acid gas flaring. The emissions event which began on December 16, 2004 lasted two hours and forty-seven minutes. Since the emissions event was avoidable and excessive the respondent failed to meet the demonstrations for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> Environmental, Property and Human Health Matrix

OR

Release	Harm: Major	Moderate	Minor
Actual	x		
Potential			

Percent 100%

>>Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent 0%

Matrix Notes: Human health or the environment in the Houston-Gavelston-Brazoria nonattainment area has been exposed to significant amounts of pollutants as a result of the violation.

Adjustment $0

$10,000

Violation Events

Number of Violation Events: 1

1 Number of violation days

mark only one with an x

daily	x
monthly	
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty $10,000

One daily event is recommended.

Economic Benefit (EB) for this violation

Estimated EB Amount $36

Statutory Limit Test

Violation Final Penalty Total $39,100

This violation Final Assessed Penalty (adjusted for limits) $10,000

Economic Benefit Worksheet

Respondent: Shell Chemical LP
Case ID No.: 28867
Reg. Ent. Reference No.: RN100211879
Media: Air Quality
Violation No.: 1

Percent Interest	Years of Depreciation
5.0	15

Item Description (No commas or $)	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$5,000	16-Dec-2004	7-Feb-2005	0.1	$36	n/a	$36
Notes for DELAYED costs	Estimated cost to provide adequate training to personnel participating in the Diesel Hydro Treater unit startup. Date required based on the date of the emissions event. Final date based on the date corrective actions were completed.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance	$5,000	TOTAL	$36

Screening Date 29-Dec-2006 **Docket No.** 2006-0328-MLM-E **PCW**

Respondent Shell Chemical LP and Shell Oil Company *Policy Revision 2 (September 2002)*

Case ID No. 28867 *PCW Revision December 8, 2006*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air Quality

Enf. Coordinator Roshondra Lowe

Violation Number 2

Rule Cite(s) 30 Tex. Admin. Code §§ 112.3(b) and 116.715(a), Tex. Health & Safety Safety Code § 382.085(b), and Air Permit No. 21262, Special Condition No. 1

Violation Description Failed to prevent an avoidable emissions event that resulted in the unauthorized release of 210 pounds (lbs) of ethylene, 1,317 lbs of nitrogen dioxide, 9,515 lbs of carbon monoxide, 5,603 lbs of hydrogen sulfide, 1,153 lbs of isobutylene, 712 lbs of particulate matter, 814 lbs of propylene, and 516,068 lbs of sulfur dioxide emissions to the atmosphere. The voltage dip shut down the Coker Wet Gas Compressor, which resulted in flaring at the Coker Flare until the Wet Gas Compressor was restarted. The maximum ground level concentration of 715 micrograms per cubic meter (µg/m3) averaged over 30 minutes was exceeded. The emissions event which began on November 24, 2004 lasted thirteen hours and fifteen minutes. Since the emissions event was avoidable the Respondent failed to meet the demonstration for an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty $10,000

>> Environmental, Property and Human Health Matrix

OR

Release	Harm: Major	Moderate	Minor
Actual	x		
Potential			

Percent 100%

>>Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent 0%

Matrix Notes: Human health or the environment in the Houston-Gavelston-Brazoria nonattainment area has been exposed to 516,068 pounds of sulfur dioxide (SO2) which exceeded levels that are protective of human health or environment receptors. Shell performed Industrial Source Complex Short Term Version 3(ISCST3) Modeling for SO2 emissions and the model predicted a maximum ground level concentration of 2,082.91 micrograms per cubic meter averaged over a one hour period which would be above the TCEQ 30-minute standard.

Adjustment $0

$10,000

Violation Events

Number of Violation Events 1 | 1 Number of violation days

mark only one with an x

daily	x
monthly	
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty $10,000

One daily event is recommended.

Economic Benefit (EB) for this violation

Estimated EB Amount $773

Statutory Limit Test

Violation Final Penalty Total $39,100

This violation Final Assessed Penalty (adjusted for limits) $10,000

Economic Benefit Worksheet

Respondent: Shell Chemical LP
Case ID No.: 28867
Reg. Ent. Reference No.: RN100211879
Media: Air Quality
Violation No.: 2

Percent Interest	Years of Depreciation
5.0	15

Item Description (No commas or $)	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$5,000	24-Dec-2004	27-Jan-2008	3.1	$773	n/a	$773
Notes for DELAYED costs	Estimated cost to implement measures designed to ensure that the wet gas compressor in the Coker unit is promptly restarted after all unplanned shutdowns. Date required based on the date of the emissions event. Final date based on projected date corrective action will be completed.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance: $5,000

TOTAL: $773

Compliance History

Customer/Respondent/Owner-Operator: CN602641664 Deer Park Refining Limited Partnership Classification: AVERAGE Rating: 4.75

Regulated Entity: RN100211879 SHELL OIL DEER PARK Classification: AVERAGE Site Rating: 4.75

ID Number(s):

AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0659W
AIR OPERATING PERMITS	PERMIT	1669
AIR OPERATING PERMITS	PERMIT	1668
AIR OPERATING PERMITS	PERMIT	1940
AIR OPERATING PERMITS	PERMIT	1941
AIR OPERATING PERMITS	PERMIT	1942
AIR OPERATING PERMITS	PERMIT	1943
AIR OPERATING PERMITS	PERMIT	1945
AIR OPERATING PERMITS	PERMIT	1946
AIR OPERATING PERMITS	PERMIT	1947
AIR OPERATING PERMITS	PERMIT	1948
AIR OPERATING PERMITS	PERMIT	2108
AIR OPERATING PERMITS	PERMIT	3179
WASTEWATER	PERMIT	WQ0000402000
WASTEWATER	PERMIT	TPDES0004863
WASTEWATER	PERMIT	TX0004863
WASTEWATER	PERMIT	WQ0000403000
WASTEWATER	PERMIT	TPDES0004871
AIR NEW SOURCE PERMITS	PERMIT	3180
AIR NEW SOURCE PERMITS	PERMIT	47405
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	947405W
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	REGISTRATION	54895
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	REGISTRATION	55312
AIR NEW SOURCE PERMITS	REGISTRATION	76382
AIR NEW SOURCE PERMITS	REGISTRATION	75524
AIR NEW SOURCE PERMITS	REGISTRATION	55717
AIR NEW SOURCE PERMITS	REGISTRATION	55730
AIR NEW SOURCE PERMITS	REGISTRATION	55869
AIR NEW SOURCE PERMITS	REGISTRATION	76315
AIR NEW SOURCE PERMITS	EPA ID	PSDTX815
AIR NEW SOURCE PERMITS	PERMIT	PSDTX974
AIR NEW SOURCE PERMITS	PERMIT	PSDTX961
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928M1
AIR NEW SOURCE PERMITS	PERMIT	48912
AIR NEW SOURCE PERMITS	PERMIT	56476
AIR NEW SOURCE PERMITS	PERMIT	56496
AIR NEW SOURCE PERMITS	PERMIT	70389
AIR NEW SOURCE PERMITS	PERMIT	70613
AIR NEW SOURCE PERMITS	PERMIT	70903
AIR NEW SOURCE PERMITS	REGISTRATION	70893
AIR NEW SOURCE PERMITS	PERMIT	71223
AIR NEW SOURCE PERMITS	PERMIT	PSDTX896
AIR NEW SOURCE PERMITS	PERMIT	PSDTX928
AIR NEW SOURCE PERMITS	REGISTRATION	71567
AIR NEW SOURCE PERMITS	REGISTRATION	71682
AIR NEW SOURCE PERMITS	PERMIT	52089
AIR NEW SOURCE PERMITS	PERMIT	52088
AIR NEW SOURCE PERMITS	PERMIT	50388
AIR NEW SOURCE PERMITS	PERMIT	50423
AIR NEW SOURCE PERMITS	PERMIT	50548
AIR NEW SOURCE PERMITS	PERMIT	52565
AIR NEW SOURCE PERMITS	PERMIT	50815
AIR NEW SOURCE PERMITS	PERMIT	54061
AIR NEW SOURCE PERMITS	PERMIT	52476
AIR NEW SOURCE PERMITS	PERMIT	52477
AIR NEW SOURCE PERMITS	PERMIT	54701
AIR NEW SOURCE PERMITS	PERMIT	70612
AIR NEW SOURCE PERMITS	REGISTRATION	74572
AIR NEW SOURCE PERMITS	REGISTRATION	75045
AIR NEW SOURCE PERMITS	EPA ID	PSDTX974
AIR NEW SOURCE PERMITS	REGISTRATION	76699
AIR NEW SOURCE PERMITS	EPA ID	PSDTX896
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928
AIR NEW SOURCE PERMITS	EPA ID	PSDTX928M1
AIR NEW SOURCE PERMITS	EPA ID	PSDTX961
AIR NEW SOURCE PERMITS	REGISTRATION	77284
AIR NEW SOURCE PERMITS	REGISTRATION	77952

AIR NEW SOURCE PERMITS	REGISTRATION	76265
AIR NEW SOURCE PERMITS	REGISTRATION	78624
AIR NEW SOURCE PERMITS	REGISTRATION	78816
AIR NEW SOURCE PERMITS	REGISTRATION	78839
AIR NEW SOURCE PERMITS	REGISTRATION	78864
AIR NEW SOURCE PERMITS	PERMIT	6949
AIR NEW SOURCE PERMITS	PERMIT	7855
AIR NEW SOURCE PERMITS	PERMIT	9856
AIR NEW SOURCE PERMITS	PERMIT	11177
AIR NEW SOURCE PERMITS	PERMIT	12152
AIR NEW SOURCE PERMITS	PERMIT	12537
AIR NEW SOURCE PERMITS	PERMIT	13373
AIR NEW SOURCE PERMITS	PERMIT	13713
AIR NEW SOURCE PERMITS	PERMIT	16429
AIR NEW SOURCE PERMITS	PERMIT	1119
AIR NEW SOURCE PERMITS	PERMIT	1120
AIR NEW SOURCE PERMITS	PERMIT	3178
AIR NEW SOURCE PERMITS	PERMIT	3179
AIR NEW SOURCE PERMITS	PERMIT	3216
AIR NEW SOURCE PERMITS	PERMIT	5801
AIR NEW SOURCE PERMITS	PERMIT	6791
AIR NEW SOURCE PERMITS	PERMIT	7621
AIR NEW SOURCE PERMITS	PERMIT	9334
AIR NEW SOURCE PERMITS	PERMIT	10888
AIR NEW SOURCE PERMITS	PERMIT	11096
AIR NEW SOURCE PERMITS	PERMIT	11586
AIR NEW SOURCE PERMITS	PERMIT	12373
AIR NEW SOURCE PERMITS	PERMIT	12829
AIR NEW SOURCE PERMITS	PERMIT	13678
AIR NEW SOURCE PERMITS	PERMIT	15961
AIR NEW SOURCE PERMITS	PERMIT	8236
AIR NEW SOURCE PERMITS	PERMIT	9505
AIR NEW SOURCE PERMITS	PERMIT	15262
AIR NEW SOURCE PERMITS	PERMIT	15365
AIR NEW SOURCE PERMITS	PERMIT	15499
AIR NEW SOURCE PERMITS	PERMIT	15940
AIR NEW SOURCE PERMITS	PERMIT	18209
AIR NEW SOURCE PERMITS	PERMIT	18576
AIR NEW SOURCE PERMITS	PERMIT	18738
AIR NEW SOURCE PERMITS	PERMIT	18768
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	PERMIT	22038
AIR NEW SOURCE PERMITS	PERMIT	23273
AIR NEW SOURCE PERMITS	PERMIT	24096
AIR NEW SOURCE PERMITS	PERMIT	24874
AIR NEW SOURCE PERMITS	PERMIT	26368
AIR NEW SOURCE PERMITS	PERMIT	27598
AIR NEW SOURCE PERMITS	PERMIT	29597
AIR NEW SOURCE PERMITS	PERMIT	32282
AIR NEW SOURCE PERMITS	PERMIT	33524
AIR NEW SOURCE PERMITS	PERMIT	34230
AIR NEW SOURCE PERMITS	PERMIT	34358
AIR NEW SOURCE PERMITS	PERMIT	35243
AIR NEW SOURCE PERMITS	PERMIT	35608
AIR NEW SOURCE PERMITS	PERMIT	36226
AIR NEW SOURCE PERMITS	PERMIT	37206
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0659W
AIR NEW SOURCE PERMITS	AFS NUM	0039
AIR NEW SOURCE PERMITS	PERMIT	96
AIR NEW SOURCE PERMITS	PERMIT	97
AIR NEW SOURCE PERMITS	PERMIT	266
AIR NEW SOURCE PERMITS	PERMIT	747
AIR NEW SOURCE PERMITS	PERMIT	748
AIR NEW SOURCE PERMITS	PERMIT	920
AIR NEW SOURCE PERMITS	PERMIT	1920
AIR NEW SOURCE PERMITS	PERMIT	1968
AIR NEW SOURCE PERMITS	PERMIT	2597
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	PERMIT	3177
AIR NEW SOURCE PERMITS	PERMIT	3214
AIR NEW SOURCE PERMITS	PERMIT	3215
AIR NEW SOURCE PERMITS	PERMIT	3217
AIR NEW SOURCE PERMITS	PERMIT	3218
AIR NEW SOURCE PERMITS	PERMIT	3219
AIR NEW SOURCE PERMITS	PERMIT	3985A
AIR NEW SOURCE PERMITS	PERMIT	4256

AIR NEW SOURCE PERMITS	PERMIT	4406
AIR NEW SOURCE PERMITS	PERMIT	4596
AIR NEW SOURCE PERMITS	PERMIT	4933
AIR NEW SOURCE PERMITS	PERMIT	41920
AIR NEW SOURCE PERMITS	PERMIT	41875
AIR NEW SOURCE PERMITS	PERMIT	42221
AIR NEW SOURCE PERMITS	PERMIT	42573
AIR NEW SOURCE PERMITS	PERMIT	42512
AIR NEW SOURCE PERMITS	PERMIT	43605
AIR NEW SOURCE PERMITS	PERMIT	42118
AIR NEW SOURCE PERMITS	PERMIT	44820
AIR NEW SOURCE PERMITS	PERMIT	45654
AIR NEW SOURCE PERMITS	PERMIT	45653
AIR NEW SOURCE PERMITS	PERMIT	45652
AIR NEW SOURCE PERMITS	PERMIT	45944
AIR NEW SOURCE PERMITS	PERMIT	46535
AIR NEW SOURCE PERMITS	PERMIT	47575
AIR NEW SOURCE PERMITS	PERMIT	50052
AIR NEW SOURCE PERMITS	REGISTRATION	79604
AIR NEW SOURCE PERMITS	REGISTRATION	80525
AIR NEW SOURCE PERMITS	REGISTRATION	80503
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID	TXD067285973
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50099
UNDERGROUND INJECTION CONTROL	PERMIT	WDW172
UNDERGROUND INJECTION CONTROL	PERMIT	WDW173
PETROLEUM STORAGE TANK STAGE II	REGISTRATION	32780
WATER LICENSING	LICENSE	1010320
WASTEWATER LICENSING	LICENSE	WQ0000402000
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1013348
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	6001443
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1010320
IHW CORRECTIVE ACTION	SOLID WASTE REGISTRATION # (SWR)	30007
INDUSTRIAL AND HAZARDOUS WASTE COMPLIANCE PLANS	PERMIT	50099
PETROLEUM STORAGE TANK REGISTRATION	REGISTRATION	32780

Location: 5900 HIGHWAY 225, DEER PARK, TX, 77536 Rating Date: 9/1/2006 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: January 09, 2007

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: January 03, 2002 to January 03, 2007

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name: Roshondra Lowe Phone: 713/767-3553

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes

2. Has there been a (known) change in ownership of the site during the compliance period? Yes

3. If Yes, who is the current owner? Shell Deer Park Refining Company
Shell Chemical LP
Shell Oil Company
Deer Park Refining Limited Partnership

4. If Yes, who was/were the prior owner(s)? Resolution Performance Products, LLC
Shell Oil Company
Equilon Enterprises LLC

5. When did the change(s) in ownership occur? N/A
12/03/2002
06/04/2004

Components (Multimedia) for the Site :

A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.

1660-1 N/A Effective Date: 06/12/2003 ADMINORDER 2002-0478-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
40 CFR Part 61, Subpart V 61.242-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 4 PERMIT
Description: Failure to install redundant valves or end caps on open ended lines.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(d)(1)(i)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to adjust monitoring schedule to monthly from quarterly when leak rate exceeds 2%.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Part 63, Subpart G 63.114(a)(1)(ii)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 2 PERMIT
Description: Failure to install a temperature monitoring device in the gas stream immediately before and after the catalyst bed.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC 8(A) PERMIT
Description: Failure to operate incinerator H9200 at a VOC outlet concentration of less than 20 ppmv.

1660-2 Effective Date: 09/26/2004 ADMINORDER 2004-0101-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100[G]
30 TAC Chapter 113, SubChapter C 113.120

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.7(a)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.116(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to conduct flare performance testing in accordance with 40 CFR 63.11 within 180 days of startup or rule applicability.

1660-3 Effective Date: 07/21/2002 ADMINORDER 2001-0548-IHW-E

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter O 335.431[G]
40 CFR Chapter 268, SubChapter I, PT 268, SubPT D 268.40[G]

TWC Chapter 26 26.121

Description: Failure to prevent hazardous waste discharges to the Storm Water Impoundment Basin and failed to meet treatment standards for hazardous waste constituents (D007, D018,D028,D035,D038) entering the land disposal units subject to requirements.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter C 335.69(a)(1)(B)

30 TAC Chapter 335, SubChapter E 335.112(a)(9)
40 CFR Chapter 262, SubChapter I, PT 262, SubPT C 262.34(a)(1)(i)
40 CFR Chapter 265, SubChapter I, PT 265, SubPT J 265.192[G]
40 CFR Chapter 265, SubChapter I, PT 265, SubPT J 265.193(a)(1)

Description: Containment and detection of releases.

FINDINGS-1 Effective Date: 02/20/2006 ADMINORDER 2005-0765-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.721(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: Failed to obtain control emissions from an emissions event that occurred on December 21, 2000 at the Coker Unit.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)

30 TAC Chapter 101, SubChapter F 101.201(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit a complete final report for a reportable emissions event which occurred at the Coker Unit on December 21, 2000.

FINDINGS-2 Effective Date: 05/12/2006 ADMINORDER 2005-1614-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to report the December 25, 2004 emissions event within 24 hours of discovery.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No 3214, Gen Cond. No. 8 OP
Description: Failed to prevent unauthorized emissions of 241 lbs of 1, 3-Butadiene, 322 lbs of Butene, 1,299 lbs of Pentane, 2,182 lbs of Ethylene, 68 lbs of Benzene and 1,018 lbs of Propylene during a 10 hour and 30 minute emissions event that occurred on December 25, 2004 in the OP3 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: General Condition #8 PERMIT
Description: Failed to prevent unauthorized emissions of 686 lbs of 1, 3-Butadiene, 949 lbs of Butene, 1,299 lbs of Pentane, 4,059 lbs of Ethylene and 2,044 lbs of Propylene during a 23 minute emissions event that occurred on February 17, 2005 in the Olefins No. 3 Unit ("OP3").

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219, Max. Allow. Em. Rate Ta PERMIT
Description: Failed to prevent unauthorized emissions of 1847.7 lbs of Ethylene, 680.70 lbs of Carbon Monoxide, and 87.3 lbs of Nitrogen Monoxide during a 3-hour emissions event that occurred on February 24, 2005 at the Acetylene Converters in the Olefins #2 Unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: ~~Permit No. 3219, Gen. Cond. No. 8 OP~~
Description: Failed to prevent unauthorized emissions of 404 lbs of volatile organic compounds ("VOC") in one hour on January 13, 2005 in the OP2 Unit Elevated Flare. Specifically, 868 lbs of VOCs were released and the VOC maximum allowable emission rate for the flare is 464 lbs per hour.

1660-4 Effective Date: 02/20/2006 ADMINORDER 2005-0734-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent a power outage at Switchback 6B13 which resulted in unauthorized emissions from the HIPA Flare, HIPA Vent, Benji Vent (PC5500A), and Relief Valves RV0624, RV3033B, and RV0298 on May 9, 2004. Category A.11.i(6).

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain the ratio of hydrogen to acetylene in the converter resulting in the flaring of off-specification product resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on June 17, 2004.

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC #1 PERMIT
Description: Failed to prevent the lifting of Relief Valve RV3033B on the fat acid storage tank (T-75B) on June 27, 2004 which resulted in unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also No. 3219, GC #8 PERMIT
Description: Failed to maintain steam pressure on the Olefins 2 Unit and operated the Propylene Refrigerator Compressor with a faulty suction/pressure indicating controller resulting in the flaring of off-specification products at the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on September 13, 2004.

Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)[G]

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: NSR Permit #3173, Special Condition #1 PA
Description: Failed to comply with the maximum allowable emission rates for carbon monoxide, volatile organic compounds ("VOC"), and nitrogen oxides and varied from permit representations for VOC emissions from the IPA Purge Line on September 6, 2004

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Also Permit No. 3219, Gen. Condition 8 PERMIT
Description: Failed to control the ammonia concentration in the sour hydrogen feed resulting in excess emissions from the OP2 Elevated Flare, OP3 Elevated Flare, and OP3 Ground Flare on May 22, 2004. Category A.11.i(6).

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit initial notification of a reportable emissions event at the Isopropyl Alcohol (IPA) Unit which occurred on September 6, 2004 within 24 hours of discovery.

1660-5 Effective Date: 08/20/2005 ADMINORDER 2004-0867-IHW-E

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(11)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.103(c)

Description: Failure to conduct compliance testing for the PHenol-3 BIF and submit recertification of compliance within three years of the previous certification.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.224(14)
Description: Failure to cease the burning of waste in the Phenol-3 BIF on October 12, 2003.

COURT/0-1 Effective Date: 08/29/2006 COURTORDER

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
30 TAC Chapter 101, SubChapter A 101.5

30 TAC Chapter 111, SubChapter B 111.201

Description: Shell caused, suffered, allowed the outdoor burning of low sulfur diesel fuel and heavy crude oil sludge in such concentration and of such duration to interfere with the normal use and enjoyment of property and caused a freeway closure.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
30 TAC Chapter 101, SubChapter A 101.5

30 TAC Chapter 111, SubChapter B 111.201

Description: Shell caused, suffered, allowed the outdoor burning of natural gas in such concentration and of such duration to interfere with the normal use and enjoyment of property and caused a freeway closure.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)

Rqmt Prov: mact rates PERMIT
Description: Exceeded maximum allowable emission rates for hydrogen sulfide.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
Description: Discharged approximately 327 pounds of unspeciated VOC resulting in air contaminants in such concentration and duration so as to interfere with the normal use and enjoyment of property in teh area.

1660-6 Effective Date: 08/30/2004 ADMINORDER 2003-1321-AIR-E

Classification: Major

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: MAERT PERMIT
Description: Failed to comply with the permitted limit established in the MAERT of Air Permit No. 9334 for benzene. Specifically, Shell failed to prevent the unauthorized emission of benzene at the ACU Tank Farm, Tank D-371, for a period of 58 minutes on April 28, 2003. The permitted benzene limit for Tank D-371 is 0.45 lbs/hour.

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

N/A

D. The approval dates of investigations. (CCEDS Inv. Track. No.)

1 02/22/2002 (157682)

N/A

2 08/31/2002 (9511)
3 08/31/2002 (9388)
4 06/26/2003 (60695)
5 02/24/2003 (157683)
6 04/26/2002 (157741)
7 12/19/2002 (13703)
8 04/29/2003 (157742)
9 02/10/2003 (157684)
10 03/25/2002 (157686)
11 12/29/2006 (343599)
12 03/25/2003 (157687)
13 08/05/2005 (341201)
14 07/14/2006 (467608)
15 01/13/2003 (246531)
16 02/20/2003 (10139)
17 05/29/2002 (157745)
18 10/15/2002 (5839)
19 05/27/2003 (157746)
20 07/24/2006 (520133)
21 10/04/2004 (352006)
22 08/16/2004 (279252)
23 10/22/2003 (249626)
24 07/31/2006 (482753)
25 02/23/2005 (371820)
26 09/25/2006 (520134)
27 09/25/2003 (295217)
28 07/26/2006 (487301)
29 02/27/2006 (457162)
30 11/28/2005 (437043)
31 04/24/2006 (449499)
32 01/06/2005 (344370)
33 10/04/2005 (405964)

34	05/09/2005	(378729)
35	05/26/2006	(460174)
36	10/18/2004	(335028)
37	08/11/2004	(288458)
38	06/30/2006	(463111)
39	06/28/2005	(394944)
40	06/27/2002	(157749)
41	10/20/2004	(352007)
42	01/24/2006	(451885)
43	08/31/2002	(10160)
44	08/29/2002	(8058)
45	10/10/2005	(406428)
46	10/05/2006	(510021)
47	06/09/2004	(272409)
48	06/30/2006	(466561)
49	04/25/2006	(449838)
50	08/11/2004	(288745)
51	08/19/2002	(7668)
52	10/23/2003	(295219)
53	01/04/2004	(251319)
54	06/25/2003	(157750)
55	03/20/2006	(431859)
56	01/26/2005	(342583)
57	04/22/2002	(157692)
58	08/31/2002	(9479)
59	08/18/2006	(457259)
60	10/05/2005	(407310)
61	04/23/2003	(157693)
62	08/31/2002	(10241)
63	07/11/2006	(482755)
64	08/31/2002	(10071)
65	08/24/2002	(4890)
66	07/23/2003	(284079)
67	12/28/2004	(290091)
68	11/21/2003	(295220)
69	07/25/2002	(157753)
70	02/27/2006	(456661)
71	04/03/2003	(19124)
72	11/23/2004	(352008)
73	01/02/2004	(257380)
74	05/03/2005	(373899)
75	02/28/2006	(457143)
76	05/25/2005	(380203)
77	08/15/2005	(453221)
78	05/26/2006	(460095)
79	08/23/2005	(401945)
80	12/17/2003	(295221)
81	08/16/2002	(157756)
82	05/17/2006	(461235)
83	06/23/2006	(467537)
84	08/25/2006	(510170)
85	10/04/2006	(510017)
86	01/09/2005	(289381)
87	05/10/2006	(266908)
88	08/02/2002	(4405)
89	12/27/2004	(352009)
90	08/31/2002	(9298)
91	05/28/2002	(157696)
92	09/28/2005	(431096)
93	03/28/2006	(405965)
94	08/23/2006	(457432)
95	04/29/2005	(344372)
96	05/26/2006	(460156)
97	05/22/2003	(157697)
98	11/22/2004	(285617)
99	01/26/2004	(295222)
100	06/28/2003	(33595)
101	01/31/2005	(342585)
102	08/31/2004	(272715)
103	08/29/2006	(509957)
104	11/04/2005	(431796)
105	08/21/2002	(8730)

106	09/27/2002	(157759)
107	12/08/2005	(418800)
108	01/14/2004	(254260)
109	08/22/2005	(400922)
110	10/05/2005	(406803)
111	08/31/2002	(9698)
112	07/10/2006	(482757)
113	08/16/2005	(404329)
114	02/27/2004	(295223)
115	02/25/2006	(456944)
116	07/28/2005	(379300)
117	04/22/2005	(419640)
118	01/10/2003	(20830)
119	08/11/2004	(287418)
120	11/30/2003	(248256)
121	06/14/2006	(480612)
122	09/07/2004	(292099)
123	10/28/2002	(157762)
124	05/17/2006	(466235)
125	06/24/2002	(157700)
126	05/26/2004	(273578)
127	12/15/2006	(508968)
128	03/24/2004	(295225)
129	06/21/2005	(419641)
130	12/16/2005	(451110)
131	01/10/2005	(286434)
132	09/07/2006	(510326)
133	01/28/2004	(261052)
134	05/30/2006	(459416)
135	11/12/2004	(290146)
136	01/05/2005	(289527)
137	06/24/2003	(157701)
138	12/09/2002	(14114)
139	06/23/2004	(352010)
140	04/22/2005	(419642)
141	05/25/2004	(268601)
142	01/06/2005	(344373)
143	07/17/2002	(4842)
144	04/26/2006	(455005)
145	04/23/2004	(295226)
146	07/11/2006	(482760)
147	08/13/2002	(2149)
148	10/27/2006	(515112)
149	06/21/2005	(419643)
150	04/27/2006	(440023)
151	12/14/2004	(341177)
152	04/01/2005	(346780)
153	05/31/2006	(480622)
154	07/23/2002	(157704)
155	01/13/2002	(246530)
156	11/27/2002	(157766)
157	02/23/2006	(455872)
158	05/25/2004	(295228)
159	09/23/2005	(440775)
160	12/30/2004	(342431)
161	02/22/2005	(350798)
162	12/30/2004	(344374)
163	04/03/2006	(455004)
164	10/31/2006	(513138)
165	07/25/2003	(157705)
166	06/05/2003	(29924)
167	05/25/2004	(266874)
168	09/23/2005	(440776)
169	12/30/2004	(344491)
170	09/29/2006	(487313)
171	12/06/2002	(13895)
172	06/28/2006	(467525)
173	02/23/2004	(248995)
174	10/13/2006	(510023)
175	05/31/2006	(455293)
176	11/06/2006	(515706)
177	12/03/2002	(13971)
178	08/31/2006	(457283)

179	08/22/2002	(157708)
180	07/22/2004	(352011)
181	08/31/2004	(267451)
182	11/04/2005	(431865)
183	08/31/2002	(8665)
184	07/25/2003	(157709)
185	11/30/2006	(379581)
186	06/15/2006	(449850)
187	12/23/2002	(157770)
188	11/23/2005	(433921)
189	12/21/2004	(342546)
190	07/23/2003	(295231)
191	08/30/2005	(401403)
192	02/21/2006	(455170)
193	10/26/2005	(433389)
194	12/05/2004	(268602)
195	05/30/2006	(460198)
196	07/27/2006	(486448)
197	05/26/2006	(460637)
198	09/23/2002	(157712)
199	01/21/2004	(252556)
200	08/12/2003	(148558)
201	08/31/2002	(10222)
202	08/18/2006	(457480)
203	11/30/2005	(437117)
204	08/31/2002	(10117)
205	08/26/2003	(295233)
206	08/30/2006	(509636)
207	11/16/2006	(512687)
208	01/04/2005	(288475)
209	08/23/2004	(352012)
210	01/24/2002	(157773)
211	12/11/2004	(341292)
212	12/10/2004	(338725)
213	05/10/2006	(268067)
214	08/08/2006	(482747)
215	06/18/2004	(271341)
216	08/16/2004	(279239)
217	08/03/2005	(399624)
218	03/23/2006	(290016)
219	09/22/2004	(352013)
220	10/23/2002	(157716)
221	08/01/2002	(4773)
222	01/28/2003	(157774)
223	12/11/2004	(342406)
224	03/31/2004	(260311)
225	05/30/2003	(36614)
226	05/19/2004	(256196)
227	08/16/2006	(392732)
228	09/22/2003	(295235)
229	01/04/2005	(285114)
230	08/31/2004	(268068)
231	09/26/2002	(12173)
232	10/28/2003	(252341)
233	10/23/2002	(157718)
234	10/20/2004	(352014)
235	02/13/2003	(22044)
236	10/27/2003	(295237)
237	10/31/2006	(509694)
238	08/02/2005	(400361)
239	11/29/2004	(339553)
240	08/31/2002	(10030)
241	01/24/2003	(17948)
242	10/04/2006	(512388)
243	08/25/2005	(405926)
244	11/26/2003	(295238)
245	08/31/2002	(9860)
246	12/15/2004	(340217)
247	12/11/2004	(342558)
248	11/22/2004	(352015)
249	01/07/2005	(288436)

250	11/21/2002	(157721)
251	08/10/2005	(403710)
252	08/28/2002	(5059)
253	05/11/2003	(26340)
254	07/11/2006	(482407)
255	12/14/2004	(342547)
256	02/23/2006	(455897)
257	08/18/2005	(404406)
258	12/23/2003	(295239)
259	03/23/2005	(381809)
260	05/09/2003	(26339)
261	08/24/2002	(4888)
262	04/24/2006	(498125)
263	06/18/2004	(270854)
264	12/20/2004	(352016)
265	07/08/2002	(1368)
266	03/28/2005	(381810)
267	04/16/2004	(256199)
268	12/21/2006	(534053)
269	08/28/2006	(479997)
270	05/22/2006	(498126)
271	07/20/2005	(400891)
272	01/24/2005	(381811)
273	05/12/2006	(461088)
274	06/20/2006	(498127)
275	01/22/2004	(295240)
276	08/31/2002	(4913)
277	01/02/2004	(252698)
278	12/29/2004	(342425)
279	11/12/2004	(288819)
280	02/22/2005	(381812)
281	03/03/2006	(455540)
282	08/29/2006	(479999)
283	07/21/2005	(400399)
284	12/30/2002	(157725)
285	03/31/2003	(10812)
286	03/22/2005	(381813)
287	02/24/2006	(438342)
288	04/28/2006	(462216)
289	01/20/2005	(381814)
290	11/21/2006	(517284)
291	02/01/2005	(342419)
292	11/04/2002	(14763)
293	06/16/2003	(114383)
294	12/07/2006	(488023)
295	12/31/2002	(13462)
296	10/05/2006	(512393)
297	01/04/2005	(288902)
298	08/31/2002	(9964)
299	03/15/2006	(458469)
300	01/05/2005	(288541)
301	08/23/2003	(36650)
302	02/25/2006	(457085)
303	05/10/2003	(450832)
304	02/05/2003	(23703)
305	01/28/2002	(157728)
306	10/05/2005	(431097)
307	12/28/2004	(338893)
308	10/28/2005	(405406)
309	08/31/2002	(4915)
310	06/23/2006	(467329)
311	06/21/2006	(467546)
312	08/05/2005	(341194)
313	05/19/2004	(295206)
314	08/28/2002	(5060)
315	01/27/2003	(157729)
316	12/23/2002	(15106)
317	07/14/2004	(260134)
318	12/17/2002	(16626)
319	11/03/2005	(431819)

320 02/24/2003 (22731)
321 06/12/2006 (455296)
322 08/31/2002 (9758)
323 11/03/2006 (513228)
324 02/28/2006 (457152)
325 02/24/2006 (468329)
326 01/10/2005 (287676)
327 07/18/2005 (379933)
328 03/23/2006 (468330)
329 08/31/2002 (10403)
330 03/16/2004 (295208)
331 10/05/2005 (431095)
332 10/24/2005 (468331)
333 12/07/2006 (488025)
334 07/18/2005 (379934)
335 04/21/2004 (295209)
336 08/29/2003 (149848)
337 11/28/2005 (468332)
338 11/11/2004 (289756)
339 06/03/2004 (270210)
340 12/07/2006 (487985)
341 11/03/2006 (513328)
342 08/05/2005 (341195)
343 02/23/2004 (432673)
344 08/14/2006 (480383)
345 12/27/2005 (468333)
346 03/09/2006 (457675)
347 11/16/2006 (514711)
348 08/24/2004 (352003)
349 10/31/2006 (343595)
350 01/24/2006 (468334)
351 05/19/2004 (295211)
352 02/26/2002 (157733)
353 02/28/2003 (157734)
354 10/26/2006 (512394)
355 11/14/2005 (371956)
356 01/04/2005 (342600)
357 02/16/2006 (454090)
358 08/11/2004 (287399)
359 02/04/2002 (246532)
360 08/05/2005 (341198)
361 09/30/2004 (287575)
362 06/21/2004 (295213)
363 06/13/2006 (457735)
364 03/25/2002 (157736)
365 02/12/2003 (24287)
366 10/05/2006 (512392)
367 08/16/2005 (404327)
368 10/02/2002 (12436)
369. 07/26/2004 (352004)
370 03/17/2006 (451544)
371 01/06/2005 (289146)
372 08/06/2003 (114294)
373 02/23/2006 (439108)
374 01/04/2005 (293105)
375 07/13/2005 (374690)
376 03/31/2003 (157737)
377 02/21/2006 (454835)
378 06/17/2005 (392662)
379 01/09/2003 (19750)
380 08/23/2005 (404915)
381 08/24/2004 (352005)
382 08/31/2004 (292677)
383 12/17/2004 (339115)
384 08/05/2005 (341200)
385 12/07/2006 (488004)

386 01/10/2005 (279219)

E. Written notices of violations (NOV). (CCEDS Inv. Track. No.)

N/A

DMR-1 Dat 01/31/2003 (157683)
Self YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

SIM-1 Dat 12/30/2004 (344491)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Failure to control emissions.

SIM-2 Dat 01/21/2004 (252556)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
Rqmt Prov: PERMIT IA
Description: Shell damaged the lube oil pump for the Recycle Gas Compr. Either possible root cause (failure to prime the pump or improperly installing the new motive screws) avoidably damaged those screws. Shell failed to control SO2 emissions during a startup activity.

N/S-1 Dat 08/18/2006 (457259)
Self NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: 3 OELs in SITEFE and 1 OEL in WRACKFE

DMR-2 Dat 06/30/2006 (520133)
Self YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

N/S-2 Dat 12/14/2004 (340217)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(4)
30 TAC Chapter 305, SubChapter F 305.125(5)
TWC Chapter 26 26.121(a)(1)
Description: Failure to prevent the unauthorized discharge of untreated or partially treated process, sanitary, balast, and utility wastewaters through outfall 008. The permittee is authorized to discharge storm water and fire water only to outfall 008. See attached Table 1.

N/S-3 Dat 06/28/2006 (467525)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent overpressure of Secondary Debutanizer Column, V-613.
Self NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failed to identify the preconstruction authorization.

DMR-3 Dat 05/31/2002 (157749)
Self YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

SIM-3 Dat 08/31/2004 (272715)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to operate within the permit limits.

SIM-4 Dat 11/14/2006 (512687)
Self NO Classification: Minor
Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
Description: Failure to record the daily visual observations of flare per 30 TAC111.111(a)(4)(A)(ii).

Self NO Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C 113.100(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
Description: Failure to prevent visible emissions in the operation of flares on six different occasions during

the compliance certification period as required by 40 CFR 63.11(b)(4) and 40 CFR 60.18(c)(1).

Self NO Classification: Minor
Citation: 30 TAC Chapter 122, SubChapter B 122.145(2)(A)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to include all deviations in the deviation and annual compliance certification reports in accordance with 30 TAC 122.145(2)(A).

DMR-4
Dat 09/30/2004 (352007)
Self YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

DMR-5
Dat 09/30/2003 (295219)
Self YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

SIM-5
Dat 08/23/2006 (457432)
Self NO Classification: Minor
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
Description: Components associated with Tank F-347 and Tank F-349 were not identified as being subject to 40 CFR 63, Subpart H.

Self NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: 10 OELs in MPLANTFE

Self NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: 5 OELs in LPGFE; 15 OELs in IPAFINFE; 8 OELs in IPACRUFE; 1 OEL in HPLANTFE

Self NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.354(2)(C)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: Failure to monitor Valve Tag No. 301622 in IPAFINFE during the first quarter of 2005

Self NO Classification: Minor
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: Failure to inspect Tank T667B by the due date of March 2005

Self NO Classification: Moderate
Citation: 30 TAC Chapter 106, SubChapter K 106.261(a)(2)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: VOC emissions from V118 exceeded the combined hourly emissions limit of 6.49 lb/hr-0.52 lb/hr permitted in Permit 3173 and 5.97 lb/hr represented in PBR Registration No. 74572.

Self NO Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
Description: Failure to repair Component No. 200706 in IPACRUFE within seven days

Self NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.354(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
Description: Failure to monitor a relief valve in Unit LPGFE within 24 hours after the valve released emissions to the atmosphere

SIM-6 Dat 01/24/2003 (17948)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(10)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
Description: Failure to identify cause of the event and failure to comply with TCEQ Air Permit 3219.

N/S-4 Dat 12/30/2002 (13462)
Self NO Classification: Minor
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to comply with permitted effluent limits for pH, Oil and Grease, TOC, and BOD.

SIM-7 Dat 01/07/2005 (288436)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Exceeded permit limits during an avoidable emissions event.

DMR-6 Dat 11/30/2004 (352009)
Self YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

DMR-7 Dat 03/31/2005 (419640)
Self YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

N/S-5 Dat 01/13/2002 (246530)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE
Self NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

N/S-6 Dat 12/08/2005 (418800)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to maintain compliance with the effluent permit limits. Effluent violations were reported for ammonia-nitrogen at outfall 104 in 07/05 and for calcium, nickel and fecal coliform at outfall 001 in 03/05.

DMR-8 Dat 07/31/2005 (419643)
Self YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

N/S-7 Dat 01/14/2004 (254260)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT IA
Description: Main induced-draft fan on Boiler H-8610 shut down when governor seized due to dirty oil (inadequate attention to the status of the oil). The (large) boiler tripped on loss of the fan. Two

olefin plants were shut down due to insufficient steam supply to the steam turbines driving the large critical compressors.

SIM-8 Dat 07/14/2006 (467608)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent unauthorized emissions during decoking of furnace FOL170.

SIM-9 Dat 01/09/2005 (289381)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Exceeded permit limits during an avoidable emissions event.

N/S-8 Dat 06/16/2006 (510170)
Self NO Classification: Minor
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Rqmt Prov: PERMIT IA
Description: Using unapproved self-generated Discharge Monitoring Report (DMR) forms to report monitoring results.

SIM-10 Dat 08/17/2005 (404327)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 110.
Self NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 150.
Self NO Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 180.

N/S-9 Dat 12/28/2004 (290091)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to avoid loss of cooling in the PRC surface condensate system.

SIM-11 Dat 06/20/2005 (395120)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent spill during tank heel transfer.
Self NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failure to submit an emissions event in a timely manner.

SIM-12 Dat 01/04/2005 (342600)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to control hydrate formation in the demethanizer column.
Self NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
Description: Failure to report emissions event in a timely manner.

DMR-9 Dat 04/30/2004 (295228)
Self YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

SIM-13 Dat 02/27/2006 (438342)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failed to control unauthorized emissions.

SIM-14 Dat 08/31/2004 (267451)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent unauthorized emissions.

DMR-10 Dat 06/30/2004 (352011)
Self YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

SIM-15 Dat 10/10/2005 (406428)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to control emissions.

DMR-11 Dat 07/31/2006 (440775)
Self YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

SIM-16 Dat 07/13/2004 (260134)
Self NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to report an emissions event in a timely manner.

N/S-10 Dat 09/22/2004 (335028)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.46(m)
Description: Failure to maintain all pressure maintenance facilities and related appurtenances in a watertight condition.

SIM-17 Dat 02/23/2006 (439108)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Exceeded permit limits during an avoidable emissions event.

N/S-11 Dat 08/31/2006 (457283)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: Failure to analyze wastewater for isobutyraldehyde
Self NO Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B 115.132(a)[G]
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
Description: Failure to meet the control requirements for VOC water separators NAPI and SAPI
Self NO Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.116b(f)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
Description: Failure to obtain vapor pressure sample from T-1318
Self NO Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(f)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
Description: Failure to monitor the presence of the pilot flame on the A&S Flare, EPN A1301

SIM-18 Dat 08/28/2006 (479997)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(2)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: Failure to repair Component No. 64110,P in OP2FUG within 15 days
Self NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: Forty-nine incidences of open-ended lines in OP2FUG
Self NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: 26 OELs in OL3FUG and 4 OELs in PYR3FUG

Self NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT UU 63.1033(b)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: 28 OELs in OL3FUG, 4 OELs in OP2FUG, and 25 OELs in PYR3FUG

Self NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: Exceedance of VOC MAER in tpy for the Olefins Flare System

DMR-12 Dat 11/30/2003 (295239)

Self YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

SIM-19 Dat 06/15/2006 (457735)

Self NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to prevent a leak from a line that was bent beyond its minimum flex radius creating a weak point that resulted in unauthorized emissions.

SIM-20 Dat 04/29/2005 (344372)

Self NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)[G]
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to control emissions.

DMR-13 Dat 12/31/2002 (157729)

Self YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

SIM-21 Dat 05/17/2006 (461235)

Self NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.665(f)
~~40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(j)(7)~~
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to record whether the pilot flame was continuously present during each hour for Flares OP2ELFLA and OP3ELFLA

Self NO Classification: Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA

Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and OP3GRFLA.

Self NO Classification: Moderate

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: Operation of Flares OP2ELFLA, OP3ELFLA and OP3GRFLA with visible emissions .

Self NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: Nine OELs in HT2; 2 OELs in CIPX

Self NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: Failure to seal 18 OELs in IRU.

Self NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

Rqmt Prov: OP IA
PERMIT IA

Description: Failure to seal OELs in BD3.

Self NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: Furnaces FOL-601 and FOL-602 exceeded the permitted maximum hourly firing rates.

Self NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP IA
PERMIT IA

Description: The fuel gas used by Furnaces FOL601, FOL602, FOL603 and FOL604 exceeded the permitted maximum H2S concentration.

DMR-14 Dat 09/30/2005 (468331)

Self YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]

Description: Failure to meet the limit for one or more permit parameter

SIM-22 Dat 04/04/2006 (455004)

Self NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PA IA

Description: Failure to control unauthorized emissions for Incident #64365.

N/S-12 Dat 02/04/2002 (246532)

Self NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)

Description: NON-RPT VIOS FOR MONIT PER OR PIPE

SIM-23 Dat 11/22/2004 (285617)

Self NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA

Description: Failure to operate within the permit limits.

Self NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)

Description: Failure to indicate the air contaminants from the flare completely in the final report.

SIM-24 Dat 06/28/2003 (33595)

Self NO Classification: Moderate

Citation: 5C THC Chapter 382, SubChapter A 382.085(a)

Description: Failed to prevent an emissions release by good design, operation, and maintenance practices.

SIM-25 Dat 05/11/2003 (26340)

Self NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

Description: Shell failed to prevent unauthorized emissions from an activity or event that could have been foreseen and avoided by good design, operation, and maintenance practices.

SIM-26 Dat 08/29/2006 (479999)

Self NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: One OEL in ACUFUG and one OEL in FUGOXU
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: Incomplete records of furnace firing rates for the ACU furnace, EPN H902
Self NO Classification: Minor
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.120(a)(3)(iii)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
Description: Failure to conduct internal inspection of Tank F-361 by the due date of May 2005
Self NO Classification: Minor
Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)[G]

30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: Operation of the East Property Flare with visible emissions
Self NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to visually inspect Tank G-359 by the due date of August 16, 2005
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: Failure to provide notification to the TCEQ 30 days in advance of taking gap measurements in Tank G-359
Self NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(2)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP IA
PERMIT IA
Description: Failure to perform the annual seal gap inspection for Tank G-343 by the due date of September 1, 2005.

SIM-27 Dat 01/04/2004 (251319)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT IA
Description: Shell allowed 237 lbs of unauthorized emissions of mesityl oxide (a highly irritating ketone, which overflowed Tank T-40-16 due to an inaccurate level indicator and failure to respond to a high level alarm from the back up high level alarm system.

N/S-13 Dat 12/16/2002 (16626)
Self NO Classification: Minor
Citation: 30 TAC Chapter 290, SubChapter D 290.43(c)(1)
Description: Failure to protect the vent opening on the ground storage tank with a 16-mesh or finer corrosion resistant screen.
Self NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.42(e)(3)(D)
Description: Failure to provide scales for determining the amount of disinfectant used daily.
Self NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)
Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.
Self NO Classification: Moderate
Citation: 30 TAC Chapter 290, SubChapter D 290.41(c)(3)(K)
Description: Failure to seal the wellhead with the use of gaskets or a pliable crack-resistant caulking compound.

DMR-15 Dat 02/28/2002 (157736)
Self YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

SIM-28 Dat 11/03/2006 (513328)
Self NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.223(a)(1)
5C THC Chapter 382, SubChapter D 382.085(b)
Description: Shell failed to submit a CAP in a timely manner.

SIM-29 Dat 05/31/2006 (455293)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: PERMIT IA
Description: Failure to prevent an operator error resulting in unauthorized emissions.

DMR-16 Dat 07/31/2003 (157709)
Self YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)[G]
Description: Failure to meet the limit for one or more permit parameter

SIM-30 Dat 12/30/2004 (344374)
Self NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA IA
Description: Failure to Control Emissions

F. Environmental audits. **54 AUDITS AND 9 DISCLOSURES**

Notice of Intent Date: 05/27/2003 (112481)
No DOV Associated

Notice of Intent Date: 06/13/2003 (251436)
No DOV Associated

Notice of Intent Date: 06/12/2003 (251440)
Disclosure Date: 9/4/2003 12:00:00 AM
Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B
Description: Failure to maintain and compile inspection reports that document all of the elements required by the applicable regulations.

Notice of Intent Date: 08/12/2003 (251504)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251740)
No DOV Associated

Notice of Intent Date: 09/05/2003 (251760)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263020)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263024)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263025)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263029)
No DOV Associated

Notice of Intent Date: 10/20/2003 (263033)
Disclosure Date: 12/7/2004 12:00:00 AM
Viol. Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter B
Description: records not available for daily sampling/analysis results for vapor pressure of the wastewater streams procssed by the unit's API separator

Notice of Intent Date: 10/28/2004 (263123)
No DOV Associated

Notice of Intent Date: 04/28/2003 (263686)
No DOV Associated

Notice of Intent Date: 02/26/2003 (263866)
No DOV Associated

Notice of Intent Date: 02/20/2004 (265126)
No DOV Associated

Notice of Intent Date: 12/20/2002 (265131)
Disclosure Date: 6/24/2003 12:00:00 AM
Viol. Classification: Major
Citation: 30 TAC Chapter 116, SubChapter B
Description: Failed to authorize emissions from rail car cleaning.
Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A
Description: Failed to report emissions from EPN Carclean in emissions inventory.
Viol. Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter F
Description: Failed to justify control efficiency of railcar cleaning CAS.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F
Description: Failed to keep records of CAS breakthrough monitoring.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B
Description: failed to submit compliance plan with application

Viol. Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter F
Description: failed to process tank cars with partial vapor pressure of >= 0.5 psia through properly operating control system

Notice of Intent Date: 02/26/2003 (29900)
No DOV Associated

Notice of Intent Date: 01/18/2002 (32901)
Disclosure Date: 2/8/2002 12:00:00 AM

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN
Description: Failure to acquire approval to waive the requirements of a continuous pilot flame recorder for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Part 60, Subpart NNN
Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FIN ID numbers IRUFLR and IRUFLRG.

Viol. Classification: Major
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A
40 CFR Part 60, Subpart NNN
Description: Failed to acquire approval to waive the requirements of a vent stream flow indicator for FINID numbers IRUFLR and TRUFLRG.

Notice of Intent Date: 01/12/2003 (32908)
No DOV Associated

Notice of Intent Date: 03/01/2002 (32928)
No DOV Associated

Notice of Intent Date: 03/19/2002 (32937)
No DOV Associated

Notice of Intent Date: 04/12/2002 (32949)
No DOV Associated

Notice of Intent Date: 05/30/2002 (32974)
No DOV Associated

Notice of Intent Date: 06/26/2002 (32979)
No DOV Associated

Notice of Intent Date: 08/19/2002 (33022)
No DOV Associated

Notice of Intent Date: 09/04/2002 (33051)
No DOV Associated

Notice of Intent Date: 09/16/2002 (33069)
No DOV Associated

Notice of Intent Date: 10/29/2002 (33101)
No DOV Associated

Notice of Intent Date: 11/20/2002 (33116)
No DOV Associated

Notice of Intent Date: 08/06/2004 (334038)
Disclosure Date: 10/12/2004 12:00:00 AM

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F
Rqmt PERMIT Compliance b. Operational Requirements 1
PERMIT General b.
Description: noncompliance with requirement to maintain all facilities and systems of treatment and control (and related appurtenances)

Notice of Intent Date: 08/06/2004 (334047)
No DOV Associated

Notice of Intent Date: 08/27/2004 (334576)
No DOV Associated

Notice of Intent Date: 07/16/2002 (33993)
No DOV Associated

Notice of Intent Date: 10/12/2004 (349555)
No DOV Associated

Notice of Intent Date: 11/11/2004 (349565)
No DOV Associated

Notice of Intent Date: 01/04/2005 (349867)
Disclosure Date: 6/17/2005 12:00:00 AM

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA

Description: documentation was not readily available to fully demonstrate that a formal refinery maximum achievable control technology applicability determination (ie >5% HAPS) had been made for equipment in light crude service

Viol. Classification: Minor
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A

Description: one New Source Performance Standard (NSPS) notification for Start of Construction and Start of Operation for the CGHT unit could not be located

Viol. Classification: Minor
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A
40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG
Description: documentation was not readily available to fully demonstrate that the process to determine if a project triggered NSPS "Modification" was being completed for NSPS Subpart GGG compliance

Viol. Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A
40 CFR Chapter 372, SubChapter J, PT 372, SubPT B
Description: emissions from fueling of vehicles in the Deer Park Refinery were not included in emissions inventories as required

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A
Description: documentation was not readily available to demonstrate the development of a formal startup, shutdown, and malfunction plan (SSMP), and to document that when appropriate, a semi-annual report was submitted

Viol. Classification: Minor
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA
Description: documentation was not readily available to fully demonstrate the group 1 or group 2 applicability determination for miscellaneous process vents

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F
Description: although monthly monitoring of cooling water return to the HON SWT was conducted and no leaks were detected, it is unclear whether there was complete compliance wiht HON requirements

Viol. Classification: Moderate
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF
Description: annual LDAR instrument monitoring of CPI and IGF benzene wastewater equipment had not been performed as required by benzene waste NESHAP regulations

Viol. Classification: Moderate
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF
Description: periodic visual inspection of the CPI and IGF benzene wastewater equipment to ensure access hatches and other openings are properly closed and gasketed had not been performed as required by the benzene waste NESHAP regulations

Notice of Intent Date: 01/06/2005 (349868)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350720)
No DOV Associated

Notice of Intent Date: 01/27/2005 (350721)
Disclosure Date: 3/23/2005 12:00:00 AM

Viol. Classification: Moderate
Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT F
Description: failed to meet requirements for maintenance/start-up/shutdown related activities

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
Description: incorporation by reference of 40 CFR 63 Subpart F (SOCMI MACT standard)

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
Description: incorporation by reference of 40 CFR 63 Subpart G (SOCMI for Process Vents, Storage Vessels, Transfer Operations, and Wastewater MACT standard)

Notice of Intent Date: 01/27/2005 (350723)
Disclosure Date: 7/6/2005 12:00:00 AM

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter C
40 CFR Chapter 262, SubChapter I, PT 262, SubPT C
Description: Equipment associated with a decommissioned cumene unit in the Phenol Acetone Production Areas was not properly decontaminated when shut down in 2001. Process vessels, pumps, exchangers, and piping contain material that meets the definition of a characteristically hazardous waste (D002, D018).

Notice of Intent Date: 01/05/2005 (371573)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375030)
No DOV Associated

Notice of Intent Date: 03/02/2005 (375031)
Disclosure Date: 7/14/2005 12:00:00 AM

Viol. Classification: Minor
Rqmt PERMIT Air New Source Permit No. 9334 SC 10.D
Description: no notification 30 days in advance of 11/04 seal gap measurement for Aromatics EFR tank G-359

Viol. Classification: Minor
Rqmt PERMIT Air New Source Permits
Description: no notification 30 days in advance of refilling of Solvents IFR tank T140B, Phenol Acetone IFR tank D391, Solvents

IFR tank F337

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G
Rqmt Description: PERMIT Permit 9334 Special Condition 10D
no 10 yr internal seal inspection of Aromatics IFR tank F-361

Notice of Intent Date: 04/15/2005 (380864)
No DOV Associated

Notice of Intent Date: 05/18/2005 (396476)
No DOV Associated

Notice of Intent Date: 06/19/2003 (397860)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434090)
No DOV Associated

Notice of Intent Date: 08/22/2005 (434095)
No DOV Associated

Notice of Intent Date: 11/04/2005 (438422)
No DOV Associated

Notice of Intent Date: 11/20/2003 (449697)
No DOV Associated

Notice of Intent Date: 12/02/2005 (451075)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452942)
No DOV Associated

Notice of Intent Date: 01/05/2006 (452952)
No DOV Associated

Notice of Intent Date: 05/22/2006 (454159)
No DOV Associated

G. Type of environmental management systems (EMSs).

N/A

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

Type	Tier	Certification Date
CLEAN TEXAS PROGRAM	PARTNERSHIP	12/20/2004
CLEAN TEXAS PROGRAM	PARTNER	12/20/2004

J. Early compliance.

N/A

Sites Outside of Texas

N/A

Addendum to Compliance History
Federal Enforcement Actions

CUSTOMER (Defendant):	Shell Chemical Company	CUSTOMER NO.:	CN601405145
REGULATED ENTITY:	Shell Chemical Company Deer Park	REG. ENTITY NO.:	RN100211879
REG. ENTITY ADDRESS:	5900 Hwy 225		
REG. ENTITY CITY:	Deer Park		

Violations

EPA CASE NO.:	06-1998-0547	CLASSIFICATION:	MODERATE
ORDER ISSUED DATE (YYYYMMDD):	20011015	STATUTE: CAA	SECT. OF STATUTE: 112R
ENFORCEMENT ACTION TYPE:	Consent Decree/Court Order	CITATION:	CITE PART: CITE SECT.:
CASE RESULT:	Final Order With Penalty	PROGRAM:	NESHAPs
		VIOLATION TYPE:	Other/Miscellaneous

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

IN THE MATTER OF AN ENFORCEMENT ACTION CONCERNING SHELL CHEMICAL LP AND SHELL OIL COMPANY, RN100211879	§ § § § § §	**BEFORE THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**

AGREED ORDER
DOCKET NO. 2006-0328-MLM-E

At its _____ agenda, the Texas Commission on Environmental Quality ("Commission" or "TCEQ") considered this agreement of the parties, resolving an enforcement action regarding Shell Chemical LP ("SCLP"), and Shell Oil Company ("SOC"), collectively referenced as "Shell" in this agreement, under the authority of TEX. WATER CODE ch. 7 and TEX. HEALTH & SAFETY CODE chs. 382 and 361. The Executive Director of the TCEQ, represented by the Litigation Division, and Shell, presented this agreement to the Commission.

Shell understands that it has certain procedural rights at certain points in the enforcement process, including, but not limited to, the right to formal notice of violations, notice of an evidentiary hearing, the right to an evidentiary hearing, and a right to appeal. By entering into this Agreed Order, Shell agrees to waive all notice and procedural rights.

It is further understood and agreed that this Agreed Order represents the complete and fully-integrated agreement of the parties. The provisions of this Agreed Order are deemed severable and, if a court of competent jurisdiction or other appropriate authority deems any provision of this Agreed Order unenforceable, the remaining provisions shall be valid and enforceable. The duties and responsibilities imposed by this Agreed Order are binding upon Shell.

The Commission makes the following Findings of Fact and Conclusions of Law:

FINDINGS OF FACT

1. SOC, operates a petroleum refinery owned by Deer Park Refining Limited Partnership, and SCLP owns and operates a chemical plant located at 5900 Highway 225, Deer Park, Harris County, Texas (the "Plants").

2. The Plants consist of one or more sources as defined in TEX. HEALTH & SAFETY CODE § 382.003(12). The Plants are involved in the management of industrial hazardous waste as defined in TEX. HEALTH & SAFETY CODE ch. 361.

3. During an investigation (Investigation No. 531892) conducted on August 16, 2006, a TCEQ Houston Regional Office investigator documented that Shell failed to prevent an unauthorized emissions that resulted in the release of 0.15 pounds ("lbs") of 1,3 butadiene, 6.18 lbs of butene, 2.14 lbs of 2-methyl-1-butene, 4.61 lbs benzene, 2.16 lbs of butane, 2.22 lbs of ethylene, 1.39 lbs of hydrogen sulfide ("H_2S"), 5.63 lbs of isobutane, 3.63 lbs of isobutylene, 6.48 lbs of isopentane, 89,380 lbs of particulate matter ("PM"), 1.1 lbs of pentane, 1.12 lbs of pentene, 3.48 lbs of propane, 11.65 lbs of propylene, 1.10 lbs of trans-1,3-pentadiene, 3.94 lbs of trans-2-butene, and 85.36 lbs of volatile organic compounds ("VOC") to the atmosphere. A crack was discovered in the secondary cyclone of the catalytic cracking unit ("CCU") which allowed spent catalysts to be released to the atmosphere. The cause of the emissions event was due to internal erosion of the piping. The emissions event (Incident No. 79352) began on August 1, 2006, and lasted twenty-seven hours. Shell failed to meet the demonstration criteria for an affirmative defense under 30 TEX. ADMIN. CODE § 101.222.

4. Shell received notice of the violation on or about January 24, 2007.

5. During an investigation (Investigation No. 379581) conducted on April 4, 2005, a TCEQ Houston Regional Office investigator documented that Shell failed to prevent unauthorized emissions of 33,120 lbs of sulfur dioxide ("SO_2), 49 lbs of carbon monoxide ("CO"), 376 pounds of H_2S, 7 lbs of nitrogen dioxide, and 2 lbs of PM were released during a Diesel Hydro Treater ("DHT") unit start-up activity which also resulted in acid gas flaring. The emissions event (Incident No. 51042) which began on December 16, 2004 lasted two hours and forty-seven minutes. Since the emissions event was avoidable and excessive Shell failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222.

6. Shell received notice of the violation on or about December 5, 2006.

7. During an investigation (Investigation No. 343599) conducted on March 10, 2005, a TCEQ Houston Regional Office investigator documented that Shell failed to prevent an unauthorized emissions that resulted in the release of 210 lbs of ethylene, 1,317 lbs of nitrogen dioxide, 9,515 lbs of CO, 5,603 lbs of H_2S, 1,153 lbs of isobutylene, 172 lbs of PM, 814 lbs of propylene, and 516,068 lbs of SO_2 emissions to the atmosphere. The voltage dip shut down the Coker Wet Gas Compressor, which resulted in flaring at the Coker Flare until the Wet Gas Compressor was restarted. The maximum ground level concentration of 715 micrograms per cubic meter (µg/m3) averaged over 30 minutes was exceeded. The emissions event (Incident No. 49941) which began on November 24, 2004, lasted thirteen hours and

fifteen minutes. Since the emissions event was avoidable Shell failed to meet the demonstration for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222.

8. Shell received notice of the violation on or about December 26, 2006.

9. During an investigation (Investigation No. 392732) conducted on May 9-11, 2005, a TCEQ Houston Regional Office investigator documented that Shell:

   a. Failed to properly seal open-ended lines. Specifically, three plugs in the OP-3 Unit were discovered by investigators on May 11, 2005, to be leaking. In addition, one open-ended line without a plug or a cap was observed on May 9, 2005, at the OP-3 Unit. The open-ended line was monitored and not found to be leaking;

   b. Failed to monitor new valves which were put into service at the OP-3 unit on a monthly basis. Specifically, ten gas/vapor valves were installed in February 2005, and the initial monitoring was not conducted until May 11, 2005 and June 2, 2005; and

   c. Failed to prevent unauthorized emissions. Specifically, 65,063 lbs of VOCs, 35,141 lbs of CO, 14, 277 lbs SO_2, 4,849 lbs of nitrogen oxides ("NOx"), and 204 lbs of H_2S were released from OP-2 and OP-3 Elevated Flares and OP-3 Ground Flare during an emissions event which began on December 14, 2004 in the Olefins III Unit and lasted for 59 hours (Incident Nos. 50968, 50969, 50970, 50971). Since the emissions event was avoidable and determined to be excessive, Shell failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE §101.222.

10. Shell received notice of the violations on or about August 21, 2006.

11. During an investigation (Investigation No. 480383) conducted on June 22, 2006, a TCEQ Houston Regional Office investigator documented that Shell failed to comply with Boiler and Industrial Furnace ("BIF") operating parameters for the total ash feed rate, by not revising the data in the Distributed Control Systems for the correct level of ash being fed into the unit. Specifically, during the period of January 29, 2006 at 1:00 a.m. through January 30, 2006 at 12:00a.m. and the period of April 11, 2006 at 2:00 a.m through April 13, 2006 at 3:00a.m. the permitted maximum allowable ash feed rate of 6.5 pounds per hour was exceeded at the Phenol 3 Boiler for a total of 34 and 49 hours respectively. The total ash feed rate on both occasions reached as high as 8.4 pounds per hour.

12. Shell received notice of the violation on or about August 19, 2006.

13. During an investigation (Investigation No. 457480) conducted on July 26, 2006, a TCEQ Houston Regional Office investigator documented that Shell:

    a. Failed to prevent unauthorized emissions. Specifically, 6,700 lbs of CO, 205 lbs of nitrogen dioxide, 2,100 lbs of PM, 63 lbs of VOCs and 2,200 lbs of SO_2 were released in an emissions event at the CCU which began on June 15, 2005 and lasted for the duration of 250 hours (Incident No. 59815). Since the emissions event was avoidable, Shell failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE §101.222; and

    b. Failed to identify the pre-construction authorization number in the final report submitted to the agency for the facility involved in the emissions event, which occurred on June 15, 2005, in the CCU (Incident No. 59815).

14. Shell received notice of the violations on or about August 23, 2006.

15. During an investigation (Investigation No. 290016) conducted on August 5, 2004, a TCEQ Houston Regional Office investigator documented that Shell failed to prevent unauthorized emissions (Incident Nos. 35250 and 35253). Shell failed to meet the demonstration for an affirmative defense in 30 TEX. ADMIN. CODE §101.222. (See Table below.)

VIOLATION 1 ON PENALTY CALCULATION WORKSHEET No. 1		
Date/ Duration	**Permit No./Cause**	**Unauthorized Emissions**
2/22/04 - 20 hr. and 40 min.	Investigation No. 290016, Incident Nos. 35250 and 35253, Air Permit No. 3219 and PSD-TX-974, General Condition No. 8, and Air Flexible Permit No. 21262, Special Condition No. 1 - Shell failed to control the liquid hydrocarbon level in the Coker fractionator bottoms during a maintenance activity, and a false interface level indication initiated a chain of events that led to the shutdown of four sulfur recovery units which resulted in acid gas flaring and the release of unauthorized emissions from the OP-3 Elevated Flare and the Coker/GOHT Flare.	Gas Oil Hydrotreter Unit (EPN No. OP3ELFLA and EPN No. COKEFLARE) - 108,158 lbs. of SO2, 1,461 lbs. of H2S, and 203 lbs of VOCs

16. Shell received notice of the violations associated with Incident Nos. 35250 and 35253 in a NOE letter from the TCEQ dated March 28, 2006.

17. During an investigation (Investigation No. 266908) conducted on March 10, 2004, a TCEQ Houston Regional Office investigator documented that Shell:

a. Failed to prevent unauthorized emissions (Incident No. 29937). Shell failed to meet the demonstration for an affirmative defense in 30 TEX. ADMIN. CODE §101.222. (See Table below); and

b. Failed to submit a timely initial notification and failed to adequately identify the compound descriptive type for VOC emissions reported in the final report for the emissions event (Incident No. 29937) that occurred on October 28, 2003.

VIOLATION 1 ON PENALTY CALCULATION WORKSHEET No. 1		
Date/ Duration	**Permit No./Cause**	**Unauthorized Emissions**
10/28/03 - 23 hrs.	Investigation No. 266908, Incident No. 29937, Air Flexible Permit No. 21262 and PSD-TX-928, Special Condition No. 1 - Shell failed to prevent the premature lifting of a compressor suction drum relief valve at Hydrogen Plant #1 which resulted in flaring and the release of unauthorized emissions from the East Property Flare.	Hydrogen Plant #1 (Emission Point Number "EPN" No. EPFLARE) - 125,249 lbs. of SO_2, 1,290 lbs. of H_2S, and 2,052 lbs. of VOCs

18. Shell received the notice of the violations on or about May 15, 2006.

19. During an investigation (Investigation No. 268067) conducted on March 10, 2004, a TCEQ Houston Regional Office investigator documented that Shell failed to prevent unauthorized emissions (Incident Nos. 28806 and 28808). Shell failed to meet the demonstration for an affirmative defense in 30 TEX. ADMIN. CODE §101.222. (See Table below.)

VIOLATION 2 ON PENALTY CALCULATION WORKSHEET No. 1		
Date/ Duration	**Permit No./Cause**	**Unauthorized Emissions**
10/9/03 - 2 hrs.	Investigation No. 268067, Incident Nos. 28806 and 28808, Air Flexible Permit No. 21262 and PSD-TX-928, Special Condition No. 1 - Shell failed to prevent high pressurization in the Distillation Unit # 2 crude column which caused two relief valves on the column to lift to the atmosphere and flare at the West Property Flare, and resulted in the release of unauthorized emissions.	Distillation Unit #2 (EPN No. WPFLARE and RV-5102, B. E. And F) - 6,801 lbs. of SO_2, and 128,968 lbs. of mineral spirits

20. Shell received notice of the violations on or about May 15, 2006.

21. During an investigation (Investigation No. 449499) conducted on December 1, 2005, a TCEQ Houston Regional Office investigator documented that Shell:

a. Failed to prevent unauthorized emissions (Incident No. 63968). Shell failed to meet the demonstration for an affirmative defense in 30 TEX. ADMIN. CODE §101.222. (See Table below); and

b. Failed to adequately identify the compound descriptive type for VOC emissions reported in the initial and final report for the emissions event (Incident No. 63968) that occurred on September 3, 2005.

VIOLATION 2 ON PENALTY CALCULATION WORKSHEET No. 1		
Date/ Duration	**Permit No./Cause**	**Unauthorized Emissions**
9/3/05 - 1 hr.	Investigation No. 449499, Incident No. 63968, Air Flexible Permit No. 21262 and PSD-TX-928, Special Condition No. 1 - Shell failed to prevent a ground fault condition which led to the unplanned shutdown of the Wet Gas Compressor. Flaring ensued, which resulted in a release of unauthorized emissions from the North Property Flare.	CCU, (EPN No. FLNFLARE) - 829 lbs. of CO, 37 lbs. of H_2S, 3,531 lbs. of VOCs, and 2,709 lbs. of SO_2

22. Shell received notice of the violations on or about April 25, 2006.

23. During an investigation (Investigation No. 449838) conducted on December 1, 2005, a TCEQ Houston Regional Office investigator documented that Shell failed to prevent unauthorized emissions (Incident Nos. 66466, 67194, 67195, 67196). Shell failed to meet the demonstration for an affirmative defense in 30 TEX. ADMIN. CODE §101.222. (See Table below.)

VIOLATION 2 ON PENALTY CALCULATION WORKSHEET No. 1		
Date/ Duration	**Permit No./Cause**	**Unauthorized Emissions**
10/16/05, 45 min.	Investigation No. 449838, Incident Nos. 66466, 67194, 67195, and 67196, Air Permit No. 3219 and PSD-TX-974, General Condition No. 8 - Shell failed to prevent incorrect manual adjustments of the hydrogen supply to the OP-2 acetylene converter, which resulted in unauthorized emissions and flaring of off-spec ethylene product at the OP2 Elevated Flare, the OP3 Elevated Flare, and the OP3 Ground Flare.	Olefins 2 Unit (EPN Nos. OP2ELFLA, OP3ELFLA, and OP3GRFLA) - 2,469 lbs. of ethylene, 1,015 lbs. of CO, and 308 lbs. of NOx

24. Shell received notice of the violations on or about April 29, 2006.

25. During an investigation (Investigation No. 440023) conducted on December 1, 2005, a TCEQ Houston Regional Office investigator documented that Shell:

a. Failed to prevent unauthorized emissions (Incident No. 66823). Shell failed to meet the demonstration for an affirmative defense in 30 TEX. ADMIN. CODE §101.222. (See Table below); and

b. Failed to adequately identify the compound descriptive type for VOC emissions reported in the initial notification and final report for the emissions event (Incident No. 66823) that occurred on October 20, 2005.

VIOLATION 2 ON PENALTY CALCULATION WORKSHEET No. 1		
Date/ Duration	**Permit No./Cause**	**Unauthorized Emissions**
10/20/05, 5 hrs. and 45 min.	Investigation No. 440023, Incident No. 66823 - Air Flexible Permit No. 21262 and PSD-TX-928, Special Condition No. 1 - Shell failed to prevent corrosion on a 120-volt electrical disconnect switch which led to an electrical short at the Catalytic Cracker Feed Hydrotreater ("CFH") vent gas compressor which resulted in unauthorized emissions and flaring from the East Property Flare.	CFH, (EPN No. EPFLARE) - 69.7 lbs. of CO, 139.99 lbs. of H_2S, 366.16 lbs. of VOCs, and 13,175 lbs. of SO_2

26. Shell received notice of the violations on or about May 1, 2006.

27. During an investigation (Investigation No. 449850) conducted on January 3, 2006, a TCEQ Houston Regional Office investigator documented that Shell failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 410.73 lbs of the highly reactive ("HR") VOC ethylene were released through three flares, EPN OP2ELFLA, OP3ELFLA, and OP3GRFLA (Incident No. 67240), unauthorized emission of 1,074 lbs of the HR VOC ethylene, 30.50 lbs of CO, and 4.20 lbs of NOx were released through Pump POL-431 (Incident No. 67244), and unauthorized emissions of 847.48 lbs of CO and 117.28 lbs of NOx were released through two flares and a flare vent, EPNs OP2ELFLA and OP3ELFLA (Incident Nos. 67423, 67245, and 67426), during an emissions event that occurred on October 30, 2005, and lasted 8 hours and 15 minutes. The emissions from Incident No. 67244 are not authorized by the permit. Since the emissions event was avoidable, Shell failed to meet the demonstration criteria for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222.

28. Shell received notice of the violation on or about June 20, 2006.

29. During an investigation (Investigation No. 455296) conducted on January 25, 2006, a TCEQ Houston Regional Office investigator documented that Shell failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 272 lbs of the HR VOC ethylene, 236 lbs of CO, and 32 lbs of NOx were released through a flare and flare vent, EPN OP2ELFLA, (Incident Nos. 69662 and 69663) during an emissions event that occurred on December 24,

2005, and lasted 1 hour. Since the emissions event was avoidable, Shell failed to meet the demonstration criteria for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222.

30. Shell received notice of the violation on or about June 14, 2006.

31. During an investigation (Investigation No. 467329) conducted on May 23, 2006, a TCEQ Houston Regional Office investigator documented that Shell failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 14,145.22 lbs of SO2 and 159 lbs of H2S were released from EPN OP3ELFLA (Incident Nos. 68488 and 68487, respectively) and unauthorized emissions of 5.83 lbs of SO2, 47.63 lbs of CO, 6.60 lbs of NOx, .94 lbs of PM, and 53.27 lbs of VOCs, including 17.84 lbs of HR VOCs, were released from EPN WP FLARE (Incident No. 68498), during an emissions event that occurred on November 28, 2005 and lasted 1 hour and 8 minutes. During the same event, unauthorized emissions of 25.07 lbs of SO2, 326.60 lbs of CO, 0.27 lbs of H2S, 45.22 lbs of NOx, 7.37 lbs of PM, and 306.27 lbs of VOCs, including 39.02 lbs of HR VOCs were released from EPN EP FLARE (Incident No. 68499) over a period of 4 hours. The emissions from Incident Nos. 68487, 68498, and 68499 are not authorized by the permit. Since the emissions event was avoidable, Shell failed to meet the demonstration criteria for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222.

32. Shell received notice of the violation on or about June 28, 2006.

33. During an investigation (Investigation No. 467537) conducted on June 6, 2006, a TCEQ Houston Regional Office investigator documented that Shell:

a. Failed to submit an emissions event report within two weeks after the end of the event. Specifically, the emissions event (Incident No. 69570) ended December 21, 2005 at 12:00 a.m., but the final report was not submitted until January 4, 2006 at 2:38 p.m.; and

b. Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 2,815.2 lbs of VOCs, including 49.6 lbs of hazardous air pollutants ("HAPs") and 74.8 lbs of HR VOCs were released from EPN FEFUGDISP (Incident No. 69570) during an emissions event that occurred on December 20, 2005, and lasted 4 hours. These emissions are not authorized by the permit. Since the emissions event was avoidable and improperly reported, Shell failed to meet the demonstration criteria for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222.

34. Shell received notice of the violations on June 28, 2006.

35. During an investigation (Investigation No. 482407) conducted on June 13, 2006, a TCEQ

Houston Regional Office investigator documented that Shell failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 3,830 lbs of VOCs, 3,933.5 lbs of CO, and 652 lbs of NOx were released through three flares, EPNs OP2ELFLA, OP3ELFLA, and OP3GRFLA (Incident No. 74416), and 2,345 lbs of VOCs were released through a bleeder valve on the OP-2 Caustic Column during an emissions event that occurred in the Olefins 2 Unit on April 1, 2006, and lasted 9 hours and 30 minutes. The emissions from the OP-2 Caustic Column are not authorized by the permit. Since the emissions event was avoidable, Shell failed to meet the demonstration criteria for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222.

36. Shell received notice of the violation on July 16, 2006.

37. During an investigation (Investigation Nos. 482753 and 482747) conducted on May 24, 2006, a TCEQ Houston Regional Office investigator documented that Shell:

a. Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 1,107.27 lbs of VOCs, 883.49 lbs of CO, and 130.29 lbs of NOx were released through three flares, EPNs OP2ELFLA, OP3ELFLA, and OP3GRFLA (Incident No. 73400), and 194 lbs of ethylene were released through pressure relief valve RV-OL-4002 during an emissions event that occurred in the Olefins 2 Unit on March 21, 2006, and lasted 35 minutes. The emissions from the pressure relief valve are not authorized by the permit. Since the emissions event was avoidable, Shell failed to meet the demonstration criteria for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222; and

b. Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 6,605 lbs of VOCs, which included the 4,792 lbs of the HAP benzene, were released through Phenol 2 Process Fugitives, EPN PAUFE (Incident No. 73264), during an emissions event that occurred in the Phenol Acetone Unit #2 on March 21, 2006 and lasted 31 hours and 5 minutes. The emissions are not authorized by the permit. Since the emissions event was avoidable, Shell failed to meet the demonstration criteria for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222.

38. Shell received notice of the violation for incident No. 73400 on August 5, 2006 and the notice of the violation for incident No. 73264 on August 14, 2006.

39. During an investigation (Investigation No. 509636) conducted on July 12, 2006, a TCEQ Houston Regional Office investigator documented that Shell failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 8,976.7 lbs of VOCs were released from Tank G329, EPN G329, during an emissions event (Incident No. 74701) that occurred on April 20, 2006, and lasted 168 hours.

40. Shell received Notice of the violation on or about September 4, 2006.

41. During a record review (Investigation No. 510021) conducted on August 28, 2006, a TCEQ Houston Regional Office investigator documented that Shell failed to comply with the permitted emission limits of 287 lbs per hour ("lbs/hr") of CO, 40 lbs/hr of NOx, and 464 lbs/hr of VOCs. Unauthorized emissions of 150 lbs of 1,3 butadiene, 570 lbs of propylene, 615 lbs of other VOCs, 1,059 lbs of CO, and 150 lbs of NOx were released from the OP2, OP3 Elevated Flares, and the OP3 Ground Flares. The event (Incident No. 77596) occurred on June 23, 2006, and lasted for 2 hours. Since the emissions event was avoidable, Shell failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222.

42. Shell received Notice of the violation on or about October 14, 2006.

43. During a record review (Investigation No. 510023) conducted on August 28, 2006, a TCEQ Houston Regional Office investigator documented that Shell:

    a. Failed to comply with the permitted emission limits of 0.42 lbs/hr of VOCs. Unauthorized emissions of 26.56 lbs of 2-methyl-2-pentene, 6.64 lbs of 2-methyl-pentane, 6.64 lbs of isopropyl alcohol, and 6,599.17 lbs of isopropyl ether were released from Tank T-75A in the Oxygenated Solvents Unit. The event (Incident 77970) occurred from June 28, 2006, to July 17, 2006, and lasted a duration of 467 hours and 20 minutes. Since the emissions event was avoidable, Shell failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222; and

    b. Failed to submit an initial notification of an emissions event within the 24-hour period for the emissions event that occurred on June 28, 2006, at Tank T-75A. The event was discovered on June 28, 2006, at 11:40 a.m., but the initial report was not submitted until June 30, 2006, at 6:04 p.m. (Incident 77970).

44. Shell received Notice of the violations on or about October 18, 2006.

45. During an investigation (Investigation No. 343595) conducted on February 16, 2005, a TCEQ Houston Regional Office investigator documented that Shell failed to prevent unauthorized emissions of 728 lbs of VOCs, 37,914 lbs of SO_2, and 490 lbs of H_2S from being released from the West Property Flare. The event (Incident No. 47540) occurred on October 7, 2004, and lasted for 11 hours and 23 minutes. Since the emissions event was caused by operator error and the amount and duration of the emissions were not minimized, Shell failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222.

46. Shell received Notice of the violations on or about November 5, 2006.

47. During an investigation (Investigation No. 509694) conducted on August 21, 2006, a TCEQ Houston Regional Office investigator documented that Shell failed to comply with the permitted emission limits of 0.02 lbs/hr of NOx, 0.10 lbs/hr of CO, and 0.29 lbs/hr of benzene. Unauthorized emissions of 179 lbs of NOx, 914 lbs of CO, and 3,054 lbs of benzene were released from a control valve located within the Benzene Extraction Unit. The event (Incident No. 76716) occurred on June 6, 2006, and lasted for 11 hours and 15 minutes. Since the emissions event could have been avoided by good maintenance practices, Shell failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222.

48. Shell received notice of the violation on or about November 5, 2006.

49. During an investigation (Investigation No. 457345) conducted on June 23, 2006, a TCEQ Houston Regional Office investigator documented that Shell failed to prevent unauthorized emissions of 9,630 lbs of CO, 250 lbs of H_2S, 1,333 lbs of NOx, 71 lbs of PM, and 23,024 lbs of SO_2 from being released from the downstream recycle hydrogen line in the Coker Unit. The event (Incident No. 64645) occurred on September 15, 2005, and lasted for 2 hours. These emissions are not authorized by the permit. Since the emissions event could have been avoided by good operation and maintenance practices, Shell failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222.

50. Shell received notice of the violation on or about February 21, 2007.

51. During an investigation (Investigation No. 509707) conducted on August 21, 2006, a TCEQ Houston Regional Office investigator documented that Shell failed to prevent unauthorized emissions of 1,159.2 lbs of butane, 1,007 lbs of CO, 5.45 lbs of hexane, 265 lbs of H_2S, 1.01 lbs of isobutane, 2.45 lbs of isopentane, 139 lbs of nitrogen dioxide, 25.6 lbs of PM, 4.83 lbs of pentane, 329 lbs of propane, 24,369 lbs of SO_2, and 494 lbs of VOCs from the East Property Flare. The event (Incident No. 76808) occurred on June 7, 2006, and lasted for 8 hours. These emissions are not authorized by the permit. Since the emissions event could have been avoided by good operation and maintenance practices, Shell failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222.

52. Shell received notice of the violation on or about March 6, 2007.

53. During an investigation (Investigation No. 406521) conducted on August 22, 2005, a TCEQ Houston Regional Office investigator documented that Shell failed to prevent unauthorized emissions of 24,291 lbs of VOCs, 17,091 lbs of CO, 2,367 lbs of NOx, and 99 lbs of SO_2

released from the OP2, OP3 Elevated Flares, and the OP3 Ground Flares. The permitted emissions limit are as follows: 464 lbs/hr of VOCs, 287 lbs/hr of CO, 56 lbs/hr of NOx, and 483 lbs/hr of SO_2. The event (Incident Nos. 58129, 57402, 57399, 57409, and 57403) occurred on April 26, 2005, and lasted for 33 hours. Since the emissions event was avoidable and determined to be excessive, Shell failed to meet the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222.

54. Shell received notice of the violation on or about February 28, 2007.

55. The Executive Director recognizes that Shell has implemented the following corrective actions in response to the violations documented on August 16, 2006, for Investigation No. 531892 (Incident No. 79352):

a. By September 30, 2006, Shell inspected and radiographed all three dip legs in the CCU to define the extent of erosion in the dip leg lines; and

b. By August 1, 2006, Shell installed re-enforcing patch plates over the bottoms of each dip leg.

56. The Executive Director recognizes that Shell has implemented the following corrective actions in response to the violations documented on March 10, 2005, for Investigation No. 343599 (Incident No. 49941):

a. By November 2, 2006, redesigned power distribution to minimize breaker tripping;

b. By November 2, 2006, investigated and corrected wiring connections related to electrical distribution;

c. By November 2, 2006, changed out compressor motor control system; and

d. By November 2, 2006, revised compressor start up procedures to incorporate review of local control panel settings.

57. The Executive Director recognizes that Shell has implemented the following corrective actions in response to the violations documented on April 4, 2005, for Investigation No. 379581 (Incident No. 51042):

a. On February 7, 2005, the Respondent established high and low level alarms on both level transmitters on the DHT Cold Product Separator (CPS) vessel, LI-17222A and

LI-17222B, and removed alarm from the level controller. The two level transmitters are on separate bridles, so this would provide independent and redundant levels for this vessel. This change provides the capability such that either level indicator may alarm the operator of a unit upset;

b. On August 15, 2005, the Respondent verified the oil densities and level transmitter calibrations on the DHT CPS. The benefit of this is to allow an alarm based on the deviations between the two level transmitters; and

c. On June 9, 2005, the Respondent developed DHT unit specific procedure for trouble shooting hydrocarbons [in the rich amine].

58. The Executive Director recognizes that Shell has implemented the following corrective measures in response to the violations documented on July 26, 2006, for Investigation No. 457480 (Incident No. 59815):

a. On or before August 8, 2005, removed the ruptured steam coil from service; the coil has been air gapped and abandoned in place;

b. On or before October 5, 2005, modified the existing selective catalytic reduction (SCR) startup procedure to remove reference to the control bypass;

c. On or before February 20, 2006, communicated details, findings, and recommendations from the investigation of this incident to other manufacturing locations;

d. On or before August 10, 2005, revised Process & Instrumentation Diagrams (P&IDs) to reflect the current configuration of the Boiler Feed Water (BFW) Preheat Coil including associated BFW piping;

e. On or before February 6, 2006, communicated details, findings, and recommendations from the investigation of this incident to appropriate personnel in the Catalytic Cracking Unit (CCU) and other operating departments, Pressure Equipment and Investigation, and Process Engineering; and

f. On or before June 24, 2005, provided information to the staff completing the emission event notification that the applicable permit number or preconstruction authorization of the facility be included in the notification.

59. The Executive Director recognizes that on October 9, 2003, Shell revised its Management Of Change (MOC) procedures to include meetings and procedural reviews before a crude tank is brought below its normal low gauge level (to prevent crude distillation column from being

over-pressurized in response to the violations documented on March 10, 2004, for Investigation No. 268067) (Incident Nos. 28806 and 28808):

60. The Executive Director recognizes that Shell has implemented the following corrective measures in response to the violations documented on March 10, 2004 for Investigation No. 266908 (Incident No. 29937):

a. On October 28, 2003 revised the SGP Sponge Column operating pressure and set-point for the relief valve to be consistent at 165 psig;

b. On October 28, 2003 implemented changes to enable personnel to isolate the SGP dry gas feed line (to include V5500 and C5500 together).

c. On December 10, 2003 repaired SGP Sponge Column PRC-128 so that the column pressure indicator is consistent with the field pressure in automatic mode;

d. On July 13, 2004 calibrated the existing Pressure Transmitter (PT) from the SGP to V5500 to provide an additional pressure sensing point for the system;

e. On July 13, 2004 communicate to operating personnel that FI52103 is an instantaneous point available on the TDC to indicate the flow of SGP Dry Gas Feed to the suction of C5500. Communicated this information to operating personnel in mid-December 2003 via daily operator guides;

f. On July 13, 2004 modified the procedure to isolate the compressor at the HP1 unit battery limits to isolate V5500 from the process;

g. On March 26, 2004 shared the investigation team findings with all refinery operating personnel; and

h. On September 30, 2004 added a high-pressure alarm on the Pressure Transmitter from SGP to V5500.

61. The Executive Director recognizes that Shell has implemented the following corrective measures in response to the violations documented on August 5, 2004 for Investigation No. 290016 (Incident Nos. 35250 and 35253):

a. On April 30, 2004, Shell revised the procedure for back-blowing the charge pumps to emphasize the need to control levels in the fractionator and provided training on these new procedures;

b. On February 22, 2004, revised Coker operator training/procedures to improve response to upsets involving increased flows/levels in the GOHT separators and DEA section; and

c. On February 22, 2004, revised training/procedures for ARU-6/7 operators to improve response to upsets involving increased flows/levels in the ARU-6/7 units.

62. The Executive Director recognizes that Shell has implemented the following corrective measures in response to the violations documented on December 1, 2005 for Investigation No. 449499 (Incident No. 63968):

a. On September 3, 2005 inspected termination boxes for each 12,000 volt motor for moisture condensation and implemented corrective actions when evidence of condensation was detected; and

b. On September 3, 2005 checked for operation of termination box space heaters and implemented corrective measures as needed.

63. The Executive Director recognizes that on October 20, 2005, Shell replaced the 120 volt electrical disconnect switch , changed the point description for tag # SA16793 from "speed sensor fault" to "common alarm" and modified the wiring on # SA16792 from a trip alarm to a sensor fault alarm at the catalytic cracker feed hydrotreater, in response to the violations documented on December 1, 2005 for Investigation No. 440023 (Incident No. 66823).

64. The Executive Director recognizes that on May 12, 2006, Shell modified plant operational procedures to reflect the appropriate alternate hydrogen usage options and the appropriate actions to take during drops in hydrogen purity, and trained shift supervisors and operating personnel on converter operation, alternate hydrogen supply, and required manipulations when hydrogen purity drops , in response to the violations documented on December 1, 2005 for Investigation No. 449838 (Incident Nos. 66466, 67194, 67195 and 67196).

65. The Executive Director recognizes that Shell has implemented the following corrective measures in response to the violations documented on January 25, 2006 for Investigation No. 455296 (Incident Nos. 69662 and 69663):

a. By January 31, 2006, updated the unit operating manual to specify the timing and appropriate magnitude of process changes when loss of amine treating of the process gas occurs;

b. By February 28, 2006, updated the unit operating manual to specify monitoring of converter process parameters and appropriate process adjustments when off-spec

production occurs; and

c. By April 1, 2006, trained all affected employees on the new policies and procedures included in the updated unit operating manual.

66. The Executive Director recognizes that by November 28, 2005, Shell reviewed and upgraded the communications processes for Olefins and Sulfur Recovery Unit ("SRU") operating personnel; provided additional communications training to Olefins and SRU operators; and reviewed and revised SRU curtailment procedures, in response to the violations documented on May 23, 2005 for Investigation No. 467329 (Incident Nos. 68487, 68488, 68498 and 68499).

67. The Executive Director recognizes that Shell has implemented the following corrective measures in response to the violations documented on June 6, 2006 for Investigation No. 467537 (Incident No. 69570):

a. By December 20, 2005, updated procedures and operating manuals to address issues that caused the emissions event and the deficient reporting of the event; and

b. By January 20, 2006, trained all affected employees on the updated procedures and operating manuals.

68. The Executive Director recognizes that Shell shared the internal causal analysis report on June 15, 2006 and completed training of appropriate Olefins personnel by July 31, 2006 in response to the violations documented on June 13, 2006 for Investigation No. 482407 (Incident No. 74416).

69. The Executive Director recognizes that Shell rerouted the tubing on LV-439 on March 31, 2006, to prevent reoccurrence of the emissions event (Incident 73400) due to the same cause (water freezing in the line), in response to the violations documented on May 24, 2006, for Investigation No. 482753 (Incident No. 73400).

70. The Executive Director recognizes that Shell implemented the following corrective actions in response to the violations documented on July 12, 2006, investigation for Investigation No. 509636 (Incident No. 74701):

a. Revised refinery tank seal investigation procedure to enhance compliance oversight and communication, which was implemented on August 31, 2007; and

b. Completed a modified management system for performing tank seal maintenance (as indicated from tank seal investigations), which was implemented on August 31, 2007.

71. The Executive Director recognizes that Shell implemented the following corrective actions in response to the violations documented on August 28, 2006 for investigation No. 510021 (Incident No. 77596):

a. By July 31, 2006, performed one-on-one training with operator involved to ensure that he understand proper line-ups of condensate from Deethanizer Reboiler and verified that the level alarm for Deethanizer Reboiler Condensate Pot is not disabled and is working properly;

b. By September 30, 2006, communicated to all department operating personnel the proper line up of condensate from steam exchangers with pumps when the pump is out of service; and

c. By October 30, 2006, updated procedures and operating manuals and performed more complex training with each employee.

72. The Executive Director recognizes that Shell implemented the following corrective actions in response to the violations documented on August 28, 2006 for investigation No. 510023 (Incident No. 77970):

a. By June 2006, communicated to all Solvents Department employees that making vacuum truck connections to storage tanks not in slop oil service is prohibited, unless a variance is approved by the Shift Team Leader;

b. By November 20, 2006, updated the Solvents Department's procedures to include the new prohibition and updated the IPA Work Instruction entitled "Vacuum Truck Transfers in Solvents," which was communicated to affected employees via electronic mail; and

c. By December 20, 2006, completed more complex training with each employee.

73. The Executive Director recognizes that by October 7, 2004, Shell revised procedures to provide an alternative source of gases (natural gas) to keep Central Processing Unit flare gas recovery system full to prevent tripping of compressor when the flare gas load is low, in response to the violations documented on February 16, 2005 for Investigation No. 343595 (Incident No. 47540).

74. The Executive Director recognizes that Shell implemented the following corrective actions in response to the violations documented on August 21, 2006 for Investigation No. 509694 (Incident No. 76716):

a. By May 31, 2007, developed and implemented an Aromatics Unit flare source control system; and

b. By May 31, 2007, evaluated the condition, fail position and possible removal of the HIC's in similar service in Heavy Olefins.

75. The Executive Director recognizes that on September 15, 2005, Shell developed a plan to require re-torqueing of GOHT Unit recycle gas check valve covers during each unit shutdown, or every two years, in response to the violations documented on June 23, 2006, for Investigation No. 457345 (Incident No. 64645).

76. The Executive Director recognizes that Shell has implemented the following corrective actions in response to the violations documented on August 22, 2005 for Investigation No. 406521 (Incident Nos. 58129, 57402, 57399, 57409, and 57403):

a. Modified requirements for the light hydrocarbon pump standard to include secondary restraint for axial movement of the sleeve by December 21, 2005;

b. Corrected the buffer fluid lines so that supply comes from the bottom of the seal pot and returns to the top of the seal pot for all OP2 or OP3 product pumps that are reversed by June 16, 2007;

c. Upgraded the seal sleeves to a taper-lock device to prevent axial movement of the seal sleeves by June 16, 2007; and

d. Submitted a corrective action plan ("CAP") to TCEQ on January 29, 2008 to address the excessive emissions event.

CONCLUSIONS OF LAW

1. As evidenced by Finding of Fact Nos. 1 and 2, Shell is subject to the jurisdiction of the TCEQ pursuant to TEX. WATER CODE § 7.002, TEX. HEALTH & SAFETY CODE chs. 382 and 361 and the rules of the Commission.

2. As evidenced by Finding of Fact No. 3, Shell failed to prevent an unauthorized emissions that resulted in the unauthorized release of 0.15 lbs of 1,3 butadiene, 6.18 lbs of butene, 2.14

lbs of 2-methyl-1-butene, 4.61 benzene, 2.16 lbs of butane, 2.22 lbs of ethylene, 1.39 lbs of H_2S, 5.63 lbs of isobutane, 3.63 lbs of isobutylene, 6.48 lbs of isopentane, 89,380 lbs of PM, 1.1 lbs of pentane, 1.12 lbs of pentene, 3.48 lbs of propane, 11.65 lbs of propylene, 1.10 lbs of trans-1,3-pentadiene, 3.94 lbs of trans-2-butene, and 85.36 lbs of VOC to the atmosphere, in violation of 30 TEX. ADMIN. CODE § 116.715(a), TEX. HEALTH & SAFETY CODE § 382.085(b), and Air Permit No. 21262, Special Condition 1.

3. As evidenced by Finding of Fact No. 5, Shell failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE § 116.715(a), TEX. HEALTH & SAFETY CODE § 382.085(b), and Air Permit No. 21262, Special Condition 1.

4. As evidenced by Finding of Fact No. 7, Shell failed to prevent an avoidable emissions event that resulted in the unauthorized release of 210 lbs of ethylene, 1,317 lbs of nitrogen dioxide, 9,515 lbs of CO, 5,603 lbs of H_2S, 1,153 lbs of isobutylene, 712 lbs of PM, 814 lbs of propylene, and 516,068 lbs of SO_2 emissions to the atmosphere, in violation of 30 TEX. ADMIN. CODE §§ 112.3(b) and 116.715(a), TEX. HEALTH & SAFETY CODE § 382.085(b), and Air Permit No. 21262, Special Condition No. 1.

5. As evidenced by Finding of Fact No. 9.a., Shell failed to properly seal open-ended lines, in violation of 30 TEX. ADMIN. CODE § 101.20(1) and (2) and 40 CFR § 60.482-6(a)(2) and TEX. HEALTH & SAFETY CODE § 382.085(b).

6. As evidenced by Finding of Fact No. 9.b., Shell failed to monitor new valves which were put into service at the OP-3 unit on a monthly basis, in violation of 30 TEX. ADMIN. CODE § 101.20(1), 40 CFR § 60.482-7(a) and TEX. HEALTH & SAFETY CODE § 382.085(b).

7. As evidenced by Finding of Fact No. 9.c., Shell failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3), 116.715(a), 40 CFR § 60.482-7(a), TEX. HEALTH & SAFETY CODE § 382.085(b) and Flexible Air Permit No. 21262/PSDTX 928, Special Condition No. 1.

8. As evidenced by Finding of Fact No. 11, Shell failed to comply with BIF operating parameters for the total ash feed rate, by not revising the data in the Distributed Control Systems for the correct level of ash being fed into the unit, in violation of 30 TEX. ADMIN. CODE §§ 335.221(a)(6), 40 CFR §§ 266.102(e)(3)(i) and (e)(7)(ii) and Hazardous Waste Permit No. 50099, Permit Provision V.1.2.b.

9. As evidenced by Finding of Fact No. 13.a., Shell failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE § 116.715(a), TEX. HEALTH & SAFETY CODE § 382.085(b), and Air Permit No. 21262, Special Condition No. 1.

10. As evidenced by Finding of Fact No. 13.b., Shell failed to identify the preconstruction authorization number in the final report submitted to the agency for the facility involved in the emissions event, which occurred on June 15, 2005, in the CCU, in violation of 30 TEX. ADMIN. CODE § 101.201(b)(8) and TEX. HEALTH & SAFETY CODE § 382.085(b).

11. As evidenced by Finding of Fact Nos. 15, 17.a., 19, 21.a., 23 and 25.a., Shell failed to prevent the unauthorized release of air contaminants into the atmosphere, in violation of 30 TEX. ADMIN. CODE §§ 116.115(b)(2)(F), 116.715(a), Air Permit No. 3219 and PSD-TX-974, General Condition No. 8, Air Flexible Permit No. 21262 and PSD-TX-928, Special Condition No. 1, and TEX. HEALTH & SAFETY CODE § 382.085(b).

12. As evidenced by Finding of Fact Nos. 17.b., 21.b., and 25.b., Shell failed to comply with emissions event reporting requirements, in violation of 30 TEX. ADMIN. CODE § 101.201(a)(1)(B), and (b)(1)(G), and TEX. HEALTH & SAFETY CODE § 382.085(b).

13. As evidenced by Finding of Fact No. 27, Shell failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE § 116.115(b)(2)(F), Air Permit No. 3179, General Condition 8 and TEX. HEALTH & SAFETY CODE § 382.085(b).

14. As evidenced by Finding of Fact No. 29, Shell failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE §§ 116.115(b)(2)(F) and 116.715(a), Air Permit No. 3219, General Condition 8 and Air Permit No. 21262, Special Condition 1 and TEX. HEALTH & SAFETY CODE § 382.085(b).

15. As evidenced by Finding of Fact No. 31, Shell failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE § 116.115(b)(2)(F), Air Permit No. 3219, General Condition 8 and TEX. HEALTH & SAFETY CODE § 382.085(b).

16. As evidenced by Finding of Fact No. 33.a., Shell failed to submit an emissions event report within two weeks after the end of the event, in violation of 30 TEX. ADMIN. CODE § 101.201(c), and TEX. HEALTH & SAFETY CODE § 382.085(b).

17. As evidenced by Finding of Fact No. 33.b., Shell failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE § 116.715(a), Air Permit No. 21262, Special Condition 1 and TEX. HEALTH & SAFETY CODE § 382.085(b).

18. As evidenced by Finding of Fact No. 35, Shell failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE § 116.115(b)(2)(F), Air Permit No. 3219, General Condition 8, and TEX. HEALTH & SAFETY CODE § 382.085(b).

19. As evidenced by Finding of Fact No. 37.a., Shell failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F), Air Permit No. 3219 and PSD-TX-974, General Condition 8 and TEX. HEALTH & SAFETY CODE § 382.085(b).

20. As evidenced by Finding of Fact No. 37.b., Shell failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE § 116.115(b)(2)(F), Air Permit No. 3179, General Condition 8 and TEX. HEALTH & SAFETY CODE § 382.085(b).

21. As evidenced by Finding of Fact No. 39, Shell failed to prevent unauthorized emissions , in violation of 30 TEX. ADMIN. CODE § 116.715(a), Flexible Air Permit No. 21262, Special Condition No. 1 and TEX. HEALTH & SAFETY CODE § 382.085(b).

22. As evidenced by Finding of Fact No. 41, Shell failed to comply with the permitted emission limits, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F) and Permit No. 3219/ PSD-TX-974, General Condition No. 8 and TEX. HEALTH & SAFETY CODE § 382.085(b).

23. As evidenced by Finding of Fact No. 43.a., Shell failed to comply with the permitted emission limits, in violation of 30 TEX. ADMIN. CODE § 116.115(c) and Permit No. 3173, Special Condition No. 13 and TEX. HEALTH & SAFETY CODE § 382.085(b).

24. As evidenced by Finding of Fact No. 43.b., Shell failed to submit an initial notification of an emissions event within the 24-hour period for the emissions event that occurred on June 28, 2006 at Tank T-75A, in violation of 30 TEX. ADMIN. CODE § 101.201(a)(1) and TEX. HEALTH & SAFETY CODE § 382.085(b).

25. As evidenced by Finding of Fact No. 45, Shell failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE § 116.715(a), Flexible Air Permit No. 21262, Special Condition 1 and TEX. HEALTH & SAFETY CODE § 382.085(b).

26. As evidenced by Finding of Fact No. 47, Shell failed to comply with the permitted emission limits, in violation of 30 TEX. ADMIN. CODE § 116.115(c), Permit No. 3178, Special Condition No. 1 and TEX. HEALTH & SAFETY CODE § 382.085(b).

27. As evidenced by Finding of Fact No. 49, Shell failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3) and 116.715(a), Flexible Air Permit No. 21262/PSD-TX-928, Special Condition No. 1 and TEX. HEALTH & SAFETY CODE § 382.085(b).

28. As evidenced by Finding of Fact No. 51, Shell failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3) and 116.715(a), Flexible Air Permit No. 21262/PSD-TX-928, Special Condition No. 1 and TEX. HEALTH & SAFETY CODE § 382.085(b).

29. As evidenced by Finding of Fact No. 53, Shell failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3) and 116.115(b)(2)(F) and Permit No. 3219/ PSD-TX-974, General Condition No. 8 and TEX. HEALTH & SAFETY CODE § 382.085(b).

30. Pursuant to TEX. WATER CODE § 7.051, the Commission has the authority to assess an administrative penalty against Shell for violations of the Texas Water Code and the Texas Health and Safety Code within the Commission's jurisdiction; for violations of rules adopted under such statutes; or for violations of orders or permits issued under such statutes.

31. An administrative penalty in the amount of nineteen thousand five hundred dollars ($19,500.00) for the violations documented on August 16, 2006 (see PCW 11); an administrative penalty in the amount of twenty thousand dollars ($20,000.00) for the violations documented on March 10, 2005 and April 4, 2005 (see PCW 9); an administrative penalty in the amount of seventy thousand three hundred thirty-nine dollars ($70,339.00) for the violations documented on May 9 through 11, 2005, June 22, 2006, and July 26, 2006 (see PCW 6 and 7); an administrative penalty in the amount of fifty-six thousand fifteen dollars ($56,015.00) for the violations documented on August 5, 2004, March 10, 2004, and December 1, 2005 (see PCW 1); an administrative penalty in the amount of thirty nine thousand four hundred eighty-eight dollars ($39,488.00) for the violations documented on January 3, 2006, January 25, 2006, May 23, 2006 and June 6, 2006 (see PCW 2); an administrative penalty in the amount of ten thousand dollars ($10,000.00) for the violations documented on June 13, 2006 (see PCW 3); an administrative penalty in the amount of thirty thousand dollars ($30,000.00) for the violations documented on May 24, 2006 (see PCW 4); an administrative penalty in the amount of nineteen thousand nine hundred fifty dollars ($19,950.00) for the violations documented on July 12, 2006 (see PCW 5); an administrative penalty in the amount of twenty thousand four hundred fifty two dollars ($20,452.00) for the violations documented on August 28, 2006 (See PCW 8); an administrative penalty in the amount of twenty thousand dollars ($20,000.00) for the violations documented on February 16, 2005 and August 21, 2006 (see PCW 12); and an administrative penalty in the amount of forty thousand dollars ($40,000.00) for the violations documented on June 23, 2006, August 21, 2006, and August 22, 2005 (see PCW 10); for a total administrative penalty of three hundred forty-five thousand seven hundred forty-four dollars ($345,744.00) are justified by the facts recited in this Agreed Order, and considered in light of the factors set forth in TEX. WATER CODE § 7.053. One hundred seventy-two thousand eight hundred seventy-two dollars ($172,872.00) shall be conditionally offset by Shell's completion of a Supplemental

Environmental Project ("SEP"). Shell has paid one hundred seventy-two thousand eight hundred seventy-two dollars ($172,872.00) of the administrative penalty.

ORDERING PROVISIONS

NOW, THEREFORE, THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY ORDERS that:

1. Shell is assessed an administrative penalty in the amount of three hundred forty-five thousand seven hundred forty-four dollars ($345,744.00) as set forth in Conclusion of Law No. 31 for violations of TCEQ rules and state statutes. The payment of this administrative penalty and Shell's compliance with all the terms and conditions set forth in this Agreed Order completely resolve the violations set forth by this Agreed Order in this action. However, the Commission shall not be constrained in any manner from requiring corrective actions or penalties for other violations that are not raised here. Administrative penalty payments shall be made payable to "Texas Commission on Environmental Quality" and shall be sent with the notation "Re: Shell Chemical LP and Shell Oil Company; Docket No. 2006-0328-MLM-E; Enforcement ID No. 28867" to:

   Financial Administration Division, Revenues Section
   Attention: Cashier's Office, MC 214
   Texas Commission on Environmental Quality
   P.O. Box 13088
   Austin, Texas 78711-3088

2. Shell shall implement and complete a SEP in accordance with Tex. Water Code § 7.067. One hundred seventy-two thousand eight hundred seventy-two dollars ($172,872.00) of the assessed administrative penalty shall be offset with the condition that Shell implement the SEP defined in Attachment A, incorporated herein by reference. Shell's obligation to pay the conditionally offset portion of the administrative penalty assessed shall be discharged upon final completion of all provisions of the SEP agreement.

3. Shell shall undertake the following technical requirements for the violations documented on August 5, 2004 (Investigation No. 449499), March 10, 2004 (Investigation No. 266908) and December 1, 2005 (Investigation No. 440023):

   a. Within 30 days after the effective date of this Agreed Order, conduct and complete training of all plant personnel responsible for submitting reports, specifically personnel responsible for the submittal of emission event reports, detailing all proper procedures that should be followed;

b. Within 45 days after the effective date of this Agreed Order, submit written certification to demonstrate compliance with Ordering Provision No. 3.a. The certifications shall be notarized by a State of Texas Notary Public and include the following certification language:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Submit certifications to:

Order Compliance Team
Enforcement Division, MC 149A
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

with a copy to:

Air Section Manager
Houston Regional Office
Texas Commission on Environmental Quality
5425 Polk Avenue, Suite H
Houston, Texas 77012-1486

4. Shell shall undertake the following technical requirements for the violations documented on January 3, 2006 (Investigation No. 449850):

a. Within 180 days after the effective date of this Agreed Order, implement measures designed to prevent unauthorized emissions due to the same cause as the emissions event that occurred on October 30, 2005 (Incident Nos. 67240, 67243, 67244, 67245, and 67246).

b. Within 195 days after the effective date of this Agreed Order, submit written

certification to demonstrate compliance with Ordering Provisions 4.a. as described below:

The certification shall be notarized by a State of Texas Notary Public and include the following certification language:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

The certification shall be submitted to:

Order Compliance Team
Enforcement Division, MC 149A
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

with a copy to:

Manager, Air Section
Houston Regional Office
Texas Commission on Environmental Quality
5425 Polk Avenue, Suite H
Houston, Texas 77023-1486

5. Shell shall undertake the following technical requirements for the violations documented on May 24, 2006 for Investigation No. 482747:

a. Within 30 days after the effective date of this Agreed Order, implement measures designed to prevent unauthorized emissions due to the same causes as the emissions events that occurred on March 21, 2006 (Incident 73264); and

b. Within 45 days after the effective date of this Agreed Order, submit written certification to demonstrate compliance with Ordering Provision 5.a. as described below:

The certification shall be notarized by a State of Texas Notary Public and include the

following certification language:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

The certification shall be submitted to:

Order Compliance Team
Enforcement Division, MC 149A
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

with a copy to:

Manager, Air Section
Houston Regional Office
Texas Commission on Environmental Quality
5425 Polk Avenue, Suite H
Houston, Texas 77023-1486

6. Shell shall undertake the following technical requirements for the violations documented on August 28, 2006 (Investigation No. 510023):

a. Within 30 days after the effective date of this Agreed Order, implement measures designed to ensure that emissions event reports are submitted with the required timeframes, in accordance with 30 TEX. ADMIN. CODE § 101.201; and

b. Within 45 days after the effective date of this Agreed Order, submit written certification to demonstrate compliance with Ordering Provision No. 6.a. as described below:

The certification shall be notarized by a State of Texas Notary Public and include the following certification language:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted and all attached documents, and that based on my inquiry

of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

The certification shall be submitted to:

Order Compliance Team
Enforcement Division, MC 149A
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

with a copy to:

Manager, Air Section
Houston Regional Office
Texas Commission on Environmental Quality
5425 Polk Avenue, Suite H
Houston, Texas 77023-1486

7. Shell shall undertake the following technical requirements for the violations documented on August 21, 2006 (Investigation No. 509694):

a. Within 30 days after the effective date of this Agreed Order, implement improvements to maintenance and operation procedures in order to address the emissions events that occurred on June 5, 2006 (Incident No. 76716); and

b. Within 45 days after the effective date of this Agreed Order, submit written certification as described below, and include detailed supporting documentation including photographs, receipts, and/or other records to demonstrate compliance with Ordering Provision No. 7.a. The certification shall be notarized by a State of Texas Notary Public and include the following certification language:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

The certification shall be submitted to:

Order Compliance Team
Enforcement Division, MC 149A
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

with a copy to:

Air Section, Manager
Houston Regional Office
Texas Commission on Environmental Quality
5425 Polk Avenue, Suite H
Houston, Texas 77023-1486

8. Shell shall undertake the following technical requirements for the violations documented on August 21, 2006 for Investigation No. 509707 (Incident No. 76808):

a. Within 30 days after the effective date of this Agreed Order, implement mprovements to maintenance and operation procedures in order to address the emissions events that occurred on June 7, 2006; and

b. Within 45 days after the effective date of this Agreed Order, submit written certification as described below, and include detailed supporting documentation including photographs, receipts, and/or other records to demonstrate compliance with Ordering Provision No. 8.a. The certification shall be notarized by a State of Texas Notary Public and include the following certification language:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

The certification shall be submitted to:

Order Compliance Team
Enforcement Division, MC 149A
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

with a copy to:

Air Section, Manager
Houston Regional Office
Texas Commission on Environmental Quality
5425 Polk Avenue, Suite H
Houston, Texas 77023-1486

9. Shell shall undertake the following technical requirements for the violations documented on August 22, 2005 for Investigation No. 406521 (Incident Nos. 58129, 57402, 57399, 57409, and 57403):

a. Respond completely and adequately, as determined by the Executive Director, to all written requests for information concerning the submitted CAP within 15 days after the date of such requests, or by other deadline specified in writing;

b. Upon Commission approval, implement the CAP, in accordance with the approved schedule; and

c. Upon completion of CAP implementation, submit written certification to demonstrate compliance with Ordering Provision Nos. 9.a. and 9.b. The certification shall be submitted in accordance with Ordering Provision 9.d.

d. The certification required by Ordering Provision No. 9.c. shall be notarized by a State of Texas Notary Public and include the following certification language:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

The certification shall be submitted to:

Order Compliance Team
Enforcement Division, MC 149A
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

with a copy to:

Air Quality Section, Manager
Houston Regional Office
Texas Commission on Environmental Quality
5425 Polk Avenue, Suite H
Houston, TX 77023-1486

10. The provisions of this Agreed Order shall apply to and be binding upon Shell. Shell is ordered to give notice of this Agreed Order to personnel who maintain day-to-day control over the operation of the Plants referenced in this Agreed Order.

11. If Shell fails to comply with any of the Ordering Provisions in this Agreed Order within the prescribed schedules, and that failure is caused solely by an act of God, war, strike, riot, or other catastrophe, Shell's failure to comply is not a violation of this Agreed Order. Shell has the burden of establishing to the Executive Director's satisfaction that such an event has occurred. Shell shall notify the Executive Director within seven days after Shell becomes aware of a delaying event and shall take all reasonable measures to mitigate and minimize any delay.

12. The Executive Director may grant an extension of any deadline in this Agreed Order or in any plan, report, or other document submitted pursuant to this Agreed Order, upon a written and substantiated showing of good cause. All requests for extensions by Shell shall be made in writing to the Executive Director. Extensions are not effective until Shell receives written approval from the Executive Director. The determination of what constitutes good cause rests solely with the Executive Director.

13. The Executive Director may refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings without notice to Shell if the Executive Director determines that Shell has not complied with one or more of the terms or conditions in this Agreed Order.

14. This Agreed Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Agreed Order, whichever is later.

15. This Agreed Order, issued by the Commission, shall not be admissible against Shell in a civil proceeding, unless the proceeding is brought by the OAG to: (1) enforce the terms of this Agreed Order; or (2) pursue violations of a statute within the Commission's jurisdiction, or of a rule adopted or an order or permit issued by the Commission under such a statute.

16. This agreement may be executed in multiple counterparts, which together shall constitute a single original instrument. Any executed signature page to this Agreement may be transmitted by facsimile transmission to the other parties, which shall constitute an original signature for all purposes.

17. The Chief Clerk shall provide a copy of this Agreed Order to each of the parties. Pursuant to 30 TEX. ADMIN. CODE § 70.10(b) and TEX. GOV'T CODE § 2001.142, the effective date is the date of hand-delivery of the Order to Shell, or three days after the date on which the Commission mails notice of the Order to Shell, whichever is earlier.

SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission

For the Executive Director

4/29/2008
Date

I, the undersigned, have read and understand the attached Agreed Order in the matter of Shell Oil Company. I represent that I am authorized to agree to the attached Agreed Order on behalf of Shell Oil Company, and do agree to the specified terms and conditions. I further acknowledge that the TCEQ, in accepting payment for the penalty amount, is materially relying on such representation.

I understand that by entering into this Agreed Order, Shell Oil Company waives certain procedural rights, including, but not limited to, the right to formal notice of violations addressed by this Agreed Order, notice of an evidentiary hearing, the right to an evidentiary hearing, and the right to appeal. I agree to the terms of the Agreed Order in lieu of an evidentiary hearing. This Agreed Order constitutes full and final adjudication by the Commission of the violations set forth in this Agreed Order.

I also understand that my failure to comply with the Ordering Provisions, if any, in this order and/or my failure to timely pay the penalty amount, may result in:

- A negative impact on my compliance history;
- Greater scrutiny of any permit applications submitted by me;
- Referral of this case to the Attorney General's office for contempt, injunctive relief, additional penalties, and/or attorney fees, or to a collection agency;
- Increased penalties in any future enforcement actions against me;
- Automatic referral to the Attorney General's Office of any future enforcement actions against me; and
- TCEQ seeking other relief as authorized by law.

In addition, any falsification of any compliance documents may result in criminal prosecution.

Signature

03/03/2008
Date

AAMIR FARID
Name (printed or typed)
Authorized Representative
Shell Oil Company

GENERAL MANAGER
Title

Attachment A
Docket Number: 2006-0328-MLM-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:	**Shell Chemical LP and Shell Oil Company**
Penalty Amount:	**Three hundred forty-five thousand seven hundred forty-four dollars ($345,744)**
SEP Amount:	**One hundred seventy-two thousand eight hundred seventy-two dollars ($172,872)**
Type of SEP:	**Pre-approved**
Third-Party Recipient:	**Houston-Galveston Area Emission Reduction Credit Organization ("AERCO")** ***Clean Cities/Clean Vehicles Program***
Location of SEP:	**Harris County**

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the administrative Penalty Amount assessed in this Agreed Order for the Respondent to contribute to a Supplemental Environmental Project ("SEP"). The offset is equal to the SEP Amount set forth above and is conditioned upon completion of the project in accordance with the terms of this Attachment A.

1. Project Description

A. Project

The Respondent shall contribute the SEP Amount to the Third-Party Recipient pursuant to the agreement between the Third-Party Recipient and the TCEQ. Specifically, the contribution will be used in accordance with the Supplemental Environmental Project Agreement between **AERCO** and the Texas Commission on Environmental Quality for the *Clean Cities/Clean Vehicles Program* in Harris County. SEP monies will be used to aid local school districts and area transit agencies, and may be used to reach local match requirements mandated by the Federal Highway Administration's ("FHWA") Congestion Mitigation/Air Quality funding program. SEP funds will be disbursed to school districts and transit agencies in need of funding assistance in the Houston-Galveston non-attainment area. SEP funds will be used for the costs of retrofitting or replacing older diesel buses with alternative fueled or clean fuel diesel buses. The older "high emission" buses will be permanently retired and sold only for scrap.

The Respondent certifies that there is no prior commitment to do this project and that it is being performed solely in an effort to settle this enforcement action.

B. Environmental Benefit

Passengers, drivers, and students in the area where school buses idle during transportation are subject to harmful diesel exhaust emission every school day. Apart from containing the ozone precursors nitrogen oxides ("NOx") and hydrocarbons ("HC"), diesel exhaust is known to cause or exacerbate a number of respiratory diseases, including asthma. Due to the more stringent emissions standards introduced by the Environmental Projection Agency (EPA), model 2007 and newer buses are also cleaner in terms of particulate matter (PM) emissions than model year 2004 buses. New NOx and HC standards phased in between 2007 and 2010 will

result in new school bus engines being 72% cleaner for HC and 90% cleaner for NOx than a bus produced to meet the 2004 federal standards for these pollutants.

This SEP will provide a discernible environmental benefit by retiring high-emission buses from service, purchasing newer, clean fuel technology buses, and replacing newer buses with fuel treatment technology that reduces PM and HC.

C. Minimum Expenditure

The Respondent shall contribute at least the SEP Amount to the Third-Party Recipient and comply with all other provisions of this SEP.

2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, the Respondent must contribute the SEP Amount to the Third-Party Recipient. The Respondent shall mail the contribution, with a copy of the Agreed Order, to:

Houston-Galveston Area Council
Houston-Galveston AERCO
P.O. Box 22777
Houston, TX 77227-2777

3. Records and Reporting

Concurrent with the payment of the SEP Amount, the Respondent shall provide the TCEQ SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Amount to the Third-Party Recipient. The Respondent shall mail a copy of the check and transmittal letter to:

Litigation Division
Attention: SEP Coordinator, MC 175
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

4. Failure to Fully Perform

If the Respondent does not perform its obligations under this SEP in any way, including full payment of the SEP Amount and submittal of the required reporting described in Section 3 above, the Executive Director may require immediate payment of all or part of the SEP Amount.

In the event of incomplete performance, the Respondent shall submit a check for any remaining amount due made payable to "Texas Commission on Environmental Quality" with the notation "SEP Refund" and the docket number of the case, and shall send it to "Texas Commission on Environmental Quality" and mail it to:

Texas Commission on Environmental Quality
Office of Legal Services

Attention: SEP Coordinator, MC 175
P.O. Box 13088
Austin, Texas 78711-3088

5. Publicity

Any public statements concerning this SEP made by or on behalf of the Respondent must include a clear statement that the project was performed as part of the settlement of an enforcement action brought by the TCEQ. Such statements include advertising, public relations, and press releases.

6. Clean Texas Program

The Respondent shall not include this SEP in any application made to TCEQ under the "Clean Texas" (or any successor) program(s). Similarly, the Respondent may not seek recognition for this contribution in any other state or federal regulatory program.

7. Other SEPs by TCEQ or Other Agencies

The SEP identified in this Agreed Order has not been, and shall not be, included as a SEP for the Respondent under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.