EXECUTIVE SUMMARY - ENFORCEMENT MATTER

DOCKET NO.: 2008-1925-AIR-E **TCEQ ID:** RN100211879 **CASE NO.:** 36933

RESPONDENT NAME: Shell Oil Company and Shell Chemical LP

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	__MULTI-MEDIA (check all that apply)	__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: Shell Oil Deer Park, 5900 Highway 225 East, Deer Park, Harris County

TYPE OF OPERATION: Petroleum refinery and chemical manufacturing plant

SMALL BUSINESS: ___ Yes __X__ No

OTHER SIGNIFICANT MATTERS: There are no complaints. There are four additional pending enforcement actions regarding this facility location, Docket Nos. 2008-1621-AIR-E, 2008-1092-AIR-E, 2009-0465-AIR-E, and 2009-0806-AIR-E.

INTERESTED PARTIES: No one other than the ED and the Respondents has expressed an interest in this matter.

COMMENTS RECEIVED: The *Texas Register* comment period expired on July 13, 2009. No comments were received.

CONTACTS AND MAILING LIST:

TCEQ Attorney/SEP Coordinator: Mr. Phillip Hampsten, SEP Coordinator, Enforcement Division, MC 219, (512) 239-6732
TCEQ Enforcement Coordinator: Ms. Miriam Hall, Enforcement Division, Enforcement Team 4, MC 149, (512) 239-1044; Ms. Cari-Michel La Caille, Enforcement Division, MC 219, (512) 239-1387
Respondent: Mr. Steven Hansen, Environmental Manager, Shell Oil Company and Shell Chemical LP, P.O. Box 100, Deer Park, Texas 77536
Mr. Aamir Farid, General Manager, Shell Oil Company and Shell Chemical LP, P.O. Box 100, Deer Park, Texas 77536
Respondent's Attorney: Not represented by counsel on this enforcement matter

VIOLATION SUMMARY CHART:

VIOLATION INFORMATION	PENALTY CONSIDERATIONS	CORRECTIVE ACTIONS TAKEN/REQUIRED
Type of Investigation: __ Complaint _X_ Routine __ Enforcement Follow-up __ Records Review **Date(s) of Complaints Relating to this Case:** None **Date of Investigation Relating to this Case:** August 27, July 14, and December 16, 2008 **Date of NOV/NOE Relating to this Case:** October 31, November 3, and December 30, 2008 (NOE) **Background Facts:** These were routine investigations. **AIR** 1) Failure to prevent unauthorized emissions. Specifically, Shell Oil Company failed to prevent the trip of the Intermediate Pressure Distillate ("IPD") pump (P-1447) which led to the shutdown of the Catalytic Cracking Unit ("CCU") wet gas compressor on June 17, 2008 resulting in the unauthorized release from the North Property Flare of 4,302.6 pounds ("lbs") of volatile organic compounds ("VOC"), which included 241.60 lbs of ethylene, 19.1 lbs of 1,3-butadiene, 547.80 lbs of propylene, and 14.0 lbs of benzene; 116.20 lbs of hydrogen sulfide ("H2S"); 257.3 lbs of nitrogen oxides ("NOx"); 1,858 lbs of carbon monoxide ("CO"); 23.4 lbs of particulate matter ("PM"); and 10,718 lbs of sulfur dioxide ("SO2"), during an event lasting two hours and four minutes. The steam throttle valve for the IPD pump turbine had a worn spot on the stem that stalled the movement of the throttle valve which caused the turbine to over speed which tripped the pump. Because these emissions could have been foreseen and avoided by better maintenance practices, the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 could not be met [30 TEX. ADMIN. CODE §§ 101.20(3) and 116.715(a), New Source Review Permit ("NSRP") No. 21262/PSD-TX-928,	**Total Assessed:** $30,423 **Total Deferred:** $0 __Expedited Settlement __Financial Inability to Pay **SEP Conditional Offset:** $15,211 **Total Paid to General Revenue:** $15,212 CN601405145 and CN601542012 **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 2002 **Findings Orders Justification:** Human health or the environment has been exposed to pollutants which exceed levels that are protective.	**Corrective Actions Taken:** The Executive Director recognizes that the Respondents have implemented the following corrective measures at the Plants: a. For the June 17, 2008 emissions event: i. On June 28, 2008, replaced the governor valve on Pump P-1447 and the turbine throttle valve; ii. By October 20, 2008, created and conducted emergency response drills; iii. On November 11, 2008, installed a critical alarm to alert the operator of low demineralized water flow; and iv. By November 13, 2008, updated the maintenance schedule and procedures for turbine drive throttle valves. b. For the June 29, 2008 emissions event: i. On October 8, 2008, implemented a monthly requirement in the IntelaTrac tracker for an operator to visually check the Process Gas Compressor ("PGC") discharge flow transmitter steam tracing to ensure that it is operational; ii. On October 22, 2008, implemented a requirement within the GSAP work order system to require the highest priority be set on all future PGC flow transmitter steam-tracing repair work order tickets; and iii. On November 6, 2008, completed the replacement of the steam tracing system on the PGC surge control flow transmitter impulse lines. c. For the July 17, 2008, emissions event: i. On December 17, 2008, submitted the additional information that was requested on October 23, 2008; and ii. On March 3, 2009, took Transformer T5 out of service replacing it with parallel Transformer T6.

Special Condition ("SC") No. 1, and TEX. HEALTH & SAFETY CODE § 382.085(b)]. 2) Failure to prevent unauthorized emissions. Specifically, Shell Chemical LP failed to prevent the loss of stream tracing which led to the unauthorized release from the OP-2 Elevated Flare, OP-3 Elevated Flare, and the OP-3 Ground Flare of 2,545 lbs of CO, 490.31 lbs of NOx, and 1,658 lbs of VOC on June 29, 2008 during an event lasting seven hours and five minutes. Because these emissions could have been foreseen and avoided by better maintenance practices, the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 could not be met [30 TEX. ADMIN. CODE §§ 101.20(3) and 116.115(b)(2)(F), NSRP No. 3219/PSD-TX-974, General Condition No. 8, and TEX. HEALTH & SAFETY CODE § 382.085(b)]. 3) Failure to prevent unauthorized emissions. Specifically, Shell Oil Company failed to prevent the trip of the wet gas compressor which led to the shutdown of the CCU on July 17, 2008 and the unauthorized release from the North Property Flare of 4,231.4 lbs of VOC, which included 165.0 lbs of ethylene, 11.9 lbs of 1,3-butadiene, 395.0 lbs of propylene, and 11.5 lbs of benzene; 113.0 lbs of H_2S; 265.0 lbs of NO_x; 1,917 lbs of CO; 32.0 lbs of PM; and 10,444 lbs of SO_2, during an event lasting 17 hours and 43 minutes. The emissions event was caused by poor maintenance practices. A technician made a wrong connection while maintenance was being performed on the battery charger alarm circuit causing the alarm card to be shorted and damaged when the breaker to the alarm was re-energized, causing a loss of power to Substation 1211 resulting in the wet gas compressor shutdown. Because these emissions could have been foreseen and avoided by better maintenance practices, the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 could not be met [30 TEX. ADMIN. CODE §§ 101.20(3) and 116.715(a), NSRP No. 21262/PSD-TX-928, SC No. 1, and TEX. HEALTH & SAFETY CODE § 382.085(b)]. 4) Failure to timely provide information requested by the TCEQ Houston Regional Office regarding the July 17, 2008 emissions event. On October 23, 2008, a request for additional information was sent to Shell Oil Company. The additional		**Ordering Provisions:** The Order will require the Respondents to implement and complete a Supplemental Environmental Project (SEP). (See SEP Attachment A)

information was due on November 6, 2008; however, it was not submitted until December 17, 2008 [30 TEX. ADMIN. CODE § 101.201(f) and TEX. HEALTH & SAFETY CODE § 382.085(b)].		

Additional ID No(s).: HG0659W

Attachment A
Docket Number: 2008-1925-AIR-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondents:	**Shell Oil Company and Shell Chemical LP**
Payable Penalty Amount:	**Thirty Thousand Four Hundred Twenty-Three Dollars ($30,423)**
SEP Amount:	**Fifteen Thousand Two Hundred Eleven Dollars ($15,211)**
Type of SEP:	**Pre-approved**
Third-Party Recipient:	**Houston-Galveston AERCO's 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 Respondents 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 Respondents will contribute to Houston-Galveston AERCO's Clean Cities/Clean Vehicles Program in Harris County. The contribution will be used in accordance with the ***Supplemental Environmental Project Agreement between the Houston-Galveston AERCO and the Texas Commission on Environmental Quality***. SEP monies will be used to aid local school districts and area transit agencies in reaching local match requirements mandated by the Federal Highway Administration's ("FHWA") Congestion Mitigation/Air Quality funding program. SEP monies will be disbursed to school districts and transit agencies in need of funding assistance in the Houston-Galveston non-attainment area. Those SEP monies will be used exclusively by the school districts and transit agencies as supplements to meet the local match requirements of the EPA. SEP monies will be used to pay for the cost of replacing older diesel buses with alternative fueled or clean diesel buses. The old buses will be permanently retired and only sold for scrap. The schools and transit agencies will also use the SEP monies to retrofit more buses to reduce emissions. Houston-Galveston AERCO will send the TCEQ verification in the form of paid invoices and other documentation to show that the retrofits were completed. Retrofit technologies include particulate matter traps, diesel particulate matter filters, NOx reduction catalyst technology in combination with diesel particulate filters, and other emission control technologies that are developed and approved by EPA or the California Air Resources Board.

The Respondents certify 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

This SEP will provide a discernible environmental benefit by reducing particulate emissions of buses by more than 90% below today's level and reducing hydrocarbons below measurement capability.

C. Minimum Expenditure

The Respondents 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 Respondents must contribute the SEP Amount to the Third-Party Recipient. The Respondents shall mail the contribution, with a copy of the Agreed Order, to:

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

3. Records and Reporting

Concurrent with the payment of the SEP Amount, the Respondents 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 Respondents shall mail a copy of the check and transmittal letter to:

Enforcement Division
Attention: SEP Coordinator, MC 219
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

4. Failure to Fully Perform

If the Respondents do not perform their 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.

The check for any amount due shall be made out to "Texas Commission on Environmental Quality" and mailed to:

Litigation Division
Attention: SEP Coordinator, MC 175
Texas Commission on Environmental Quality
P.O. Box 13088
Austin, Texas 78711-3088

The Respondents shall also mail a copy of the check to the TCEQ SEP Coordinator at the address in Section 3 above.

5. Publicity

Any public statements concerning this SEP made by or on behalf of the Respondents 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 Respondents shall not include this SEP in any application made to TCEQ under the "Clean Texas" (or any successor) program(s). Similarly, the Respondents 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 an SEP for the Respondents 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 October 30, 2008*

TCEQ

DATES					
Assigned	10-Nov-2008				
PCW	13-Apr-2009	Screening	11-Dec-2008	EPA Due	31-Jul-2009

RESPONDENT/FACILITY INFORMATION

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

CASE INFORMATION

Enf./Case ID No.	36933	No. of Violations	3
Docket No.	2008-1925-AIR-E	Order Type	Findings
Media Program(s)	Air	Government/Non-Profit	No
Multi-Media		Enf. Coordinator	Miriam Hall
		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* $20,100

ADJUSTMENTS (+/-) TO SUBTOTAL 1

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

Compliance History 348.0% Enhancement — *Subtotals 2, 3, & 7* $69,948

Notes: The penalty was enhanced for 25 same or similar NOVs, 36 other NOVs, four 1660 orders, four Findings Orders, and one court order. The penalty was reduced due to 30 notices of intended audit, seven disclosures of violations, an EMS, and participation in a pollution reduction program.

Culpability No — 0.0% Enhancement — *Subtotal 4* $0

Notes: The Respondent does not meet the culpability criteria.

Good Faith Effort to Comply Total Adjustments — *Subtotal 5* $1,025

Economic Benefit 0.0% Enhancement* — *Subtotal 6* $0

Total EB Amounts $63
Approx. Cost of Compliance $2,700

**Capped at the Total EB $ Amount*

SUM OF SUBTOTALS 1-7 — *Final Subtotal* $89,023

OTHER FACTORS AS JUSTICE MAY REQUIRE 0.0% — *Adjustment* $0

Reduces or enhances the Final Subtotal by the indicated percentage.

Notes:

Final Penalty Amount $89,023

STATUTORY LIMIT ADJUSTMENT — *Final Assessed Penalty* $20,423

DEFERRAL 0.0% 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 $20,423

Screening Date 11-Dec-2008 **Docket No.** 2008-1925-AIR-E **PCW**

Respondent Shell Oil Company *Policy Revision 2 (September 2002)*

Case ID No. 36933 *PCW Revision October 30, 2008*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air

Enf. Coordinator Miriam Hall

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*)	4	80%
	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	4	100%
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)*	30	-30%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (*number of audits for which violations were disclosed*)	7	-14%

		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) 348%

>> **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 for 25 same or similar NOVs, 36 other NOVs, four 1660 orders, four Findings Orders, and one court order. The penalty was reduced due to 30 notices of intended audit, seven disclosures of violations, an EMS, and participation in a pollution reduction program.

Total Adjustment Percentage (Subtotals 2, 3, & 7) 348%

Screening Date 11-Dec-2008 **Docket No.** 2008-1925-AIR-E **PCW**

Policy Revision 2 (September 2002)

PCW Revision October 30, 2008

Respondent Shell Oil Company

Case ID No. 36933

Reg. Ent. Reference No. RN100211879

Media [Statute] Air

Enf. Coordinator Miriam Hall

Violation Number 1

Rule Cite(s) 30 Tex. Admin. Code §§ 101.20(3) and 116.715(a), New Source Review Permit ("NSRP") No. 21262/PSD-TX-928, Special Condition ("SC") No. 1, and Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to prevent the trip of the Intermediate Pressure Distillate ("IPD") pump (P-1447) which led to the shutdown of the Catalytic Cracking Unit ("CCU") wet gas compressor on June 17, 2008 resulting in the unauthorized release from the North Property Flare of 4,302.6 pounds ("lbs") of volatile organic compounds ("VOC"), which included 241.60 lbs of ethylene, 19.1 lbs of 1,3-butadiene, 547.80 lbs of propylene, and 14.0 lbs of benzene; 116.20 lbs of hydrogen sulfide ("H2S"); 257.3 lbs of nitrogen oxides ("NOx"); 1,858 lbs of carbon monoxide ("CO"); 23.4 lbs of particulate matter ("PM"); and 10,718 lbs of sulfur dioxide ("SO2"), during an event lasting two hours and four minutes. The steam throttle valve for the IPD pump turbine had a worn spot on the stem that stalled the movement of the throttle valve which caused the turbine to over speed which tripped the pump. Because these emissions could have been foreseen and avoided by better maintenance practices, the demonstrations for an affirmative defense in 30 Tex. Admin. Code § 101.222 could not be met.

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 significant emissions which exceed levels that are protective of human health or environmental receptors as a result of this 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
weekly	
monthly	
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty $10,000

One daily event is recommended.

Good Faith Efforts to Comply

10.0% Reduction $1,000

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

Notes: The Respondent completed corrective actions on November 13, 2008. The NOE was issued November 3, 2008.

Violation Subtotal $9,000

Economic Benefit (EB) for this violation

Estimated EB Amount $31

Statutory Limit Test

Violation Final Penalty Total $43,800

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

Economic Benefit Worksheet

Respondent Shell Oil Company
Case ID No. 36933
Reg. Ent. Reference No. RN100211879
Media Air
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				0.00	$0	$0	$0
Buildings				0.00	$0	$0	$0
Other (as needed)				0.00	$0	$0	$0
Engineering/construction				0.00	$0	$0	$0
Land				0.00	$0	n/a	$0
Record Keeping System				0.00	$0	n/a	$0
Training/Sampling				0.00	$0	n/a	$0
Remediation/Disposal				0.00	$0	n/a	$0
Permit Costs				0.00	$0	n/a	$0
Other (as needed)	$1,500	17-Jun-2008	13-Nov-2008	0.41	$31	n/a	$31

Notes for DELAYED costs: The estimated cost for taking the following corrective actions from the date of the violation until the date of completion: replaced the governor valve on Pump P-1447 and the turbine throttle valve; updated the maintenance schedule and procedures for turbine drive throttle valves, installed a critical alarm to alert the operator of low demineralized water flow, and created and conducted emergency response drills.

Avoided Costs							
	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.00	$0	$0	$0
Personnel				0.00	$0	$0	$0
Inspection/Reporting/Sampling				0.00	$0	$0	$0
Supplies/equipment				0.00	$0	$0	$0
Financial Assurance [2]				0.00	$0	$0	$0
ONE-TIME avoided costs [3]				0.00	$0	$0	$0
Other (as needed)				0.00	$0	$0	$0

Notes for AVOIDED costs:

Approx. Cost of Compliance: $1,500

TOTAL: $31

Screening Date 11-Dec-2008 **Docket No.** 2008-1925-AIR-E **PCW**

Policy Revision 2 (September 2002)

PCW Revision October 30, 2008

Respondent Shell Oil Company

Case ID No. 36933

Reg. Ent. Reference No. RN100211879

Media [Statute] Air

Enf. Coordinator Miriam Hall

Violation Number 2

Rule Cite(s) 30 Tex. Admin. Code §§ 101.20(3) and 116.715(a), NSRP No. 21262/PSD-TX-928, SC No. 1, and Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to prevent the trip of the wet gas compressor which led to the shutdown of the CCU on July 17, 2008 and the unauthorized release from the North Property Flare of 4,231.4 lbs of VOC, which included 165.0 lbs of ethylene, 11.9 lbs of 1,3-butadiene, 395.0 lbs of propylene, and 11.5 lbs of benzene; 113.0 lbs of H2S; 265.0 lbs of NOx; 1,917 lbs of CO; 32.0 lbs of PM; and 10,444 lbs of SO2, during an event lasting 17 hours and 43 minutes. The emissions event was caused by poor maintenance practices. A technician made a wrong connection while maintenance was being performed on the battery charger alarm circuit causing the alarm card to be shorted and damaged when the breaker to the alarm was re-energized, causing a loss of power to Substation 1211 resulting in the wet gas compressor shutdown. Because these emissions could have been foreseen and avoided by better maintenance practices, the demonstrations for an affirmative defense in 30 Tex. Admin. Code § 101.222 could not be met.

Base Penalty $10,000

>> Environmental, Property and Human Health Matrix

	Release	Harm: 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 significant emissions which exceed levels that are protective of human health or environmental receptors as a result of this 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
weekly	
monthly	
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty $10,000

One daily event is recommended.

Good Faith Efforts to Comply

0.0% Reduction — $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 for this violation.

Violation Subtotal $10,000

Economic Benefit (EB) for this violation

Estimated EB Amount $31

Statutory Limit Test

Violation Final Penalty Total $44,800

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

Economic Benefit Worksheet

Respondent Shell Oil Company
Case ID No. 36933
Reg. Ent. Reference No. RN100211879
Media Air
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				0.00	$0	$0	$0
Buildings				0.00	$0	$0	$0
Other (as needed)				0.00	$0	$0	$0
Engineering/construction				0.00	$0	$0	$0
Land				0.00	$0	n/a	$0
Record Keeping System				0.00	$0	n/a	$0
Training/Sampling				0.00	$0	n/a	$0
Remediation/Disposal				0.00	$0	n/a	$0
Permit Costs				0.00	$0	n/a	$0
Other (as needed)	$1,000	17-Jul-2008	3-Mar-2009	0.63	$31	n/a	$31

Notes for DELAYED costs: The estimated cost for taking Transformer T5 out of service and replacing with parallel Transformer T6 from the date of the emissions event to the date the corrective action was completed.

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

Disposal				0.00	$0	$0	$0
Personnel				0.00	$0	$0	$0
Inspection/Reporting/Sampling				0.00	$0	$0	$0
Supplies/equipment				0.00	$0	$0	$0
Financial Assurance [2]				0.00	$0	$0	$0
ONE-TIME avoided costs [3]				0.00	$0	$0	$0
Other (as needed)				0.00	$0	$0	$0

Notes for AVOIDED costs:

Approx. Cost of Compliance: $1,000

TOTAL: $31

Screening Date 11-Dec-2008 **Docket No.** 2008-1925-AIR-E **PCW**

Respondent Shell Oil Company *Policy Revision 2 (September 2002)*

Case ID No. 36933 *PCW Revision October 30, 2008*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air

Enf. Coordinator Miriam Hall

Violation Number 3

Rule Cite(s) 30 Tex. Admin. Code § 101.201(f) and Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to timely provide information requested by the TCEQ Houston Regional Office regarding the July 17, 2008 emissions event. On October 23, 2008, a request for additional information was sent to the Respondent. The additional information was due on November 6, 2008; however, it was not submitted until December 17, 2008.

Base Penalty $10,000

>> Environmental, Property and Human Health Matrix

OR

Release	Harm: Major	Moderate	Minor
Actual			
Potential			

Percent 0%

>>Programmatic Matrix

Falsification	Major	Moderate	Minor
			x

Percent 1%

Matrix Notes: The Respondent complied with at least 70% of the rule requirement.

Adjustment $9,900

$100

Violation Events

Number of Violation Events 1 | 41 Number of violation days

mark only one with an x

daily	
weekly	
monthly	
quarterly	
semiannual	
annual	
single event	x

Violation Base Penalty $100

One single event is recommended.

Good Faith Efforts to Comply

25.0% Reduction $25

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

Notes: The Respondent came into compliance on December 17, 2008, and the NOE was issued December 30, 2008.

Violation Subtotal $75

Economic Benefit (EB) for this violation

Estimated EB Amount $1

Statutory Limit Test

Violation Final Penalty Total $423

This violation Final Assessed Penalty (adjusted for limits) $423

Economic Benefit Worksheet

Respondent Shell Oil Company
Case ID No. 36933
Reg. Ent. Reference No. RN100211879
Media Air
Violation No. 3

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				0.00	$0	$0	$0
Buildings				0.00	$0	$0	$0
Other (as needed)				0.00	$0	$0	$0
Engineering/construction				0.00	$0	$0	$0
Land				0.00	$0	n/a	$0
Record Keeping System				0.00	$0	n/a	$0
Training/Sampling				0.00	$0	n/a	$0
Remediation/Disposal				0.00	$0	n/a	$0
Permit Costs				0.00	$0	n/a	$0
Other (as needed)	$200	6-Nov-2008	17-Dec-2008	0.11	$1	n/a	$1

Notes for DELAYED costs: The estimated cost of providing the additional information from the due date to compliance date.

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

Disposal				0.00	$0	$0	$0
Personnel				0.00	$0	$0	$0
Inspection/Reporting/Sampling				0.00	$0	$0	$0
Supplies/equipment				0.00	$0	$0	$0
Financial Assurance [2]				0.00	$0	$0	$0
ONE-TIME avoided costs [3]				0.00	$0	$0	$0
Other (as needed)				0.00	$0	$0	$0

Notes for AVOIDED costs:

Approx. Cost of Compliance: $200

TOTAL: $1

Penalty Calculation Worksheet (PCW)

Policy Revision 2 (September 2002) — *PCW Revision October 30, 2008*

TCEQ

DATES					
Assigned	10-Nov-2008				
PCW	13-Apr-2009	Screening	11-Dec-2008	EPA Due	31-Jul-2009

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.	36933	No. of Violations	1
Docket No.	2008-1925-AIR-E	Order Type	Findings
Media Program(s)	Air	Government/Non-Profit	No
Multi-Media		Enf. Coordinator	Miriam Hall
		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* $2,500

ADJUSTMENTS (+/-) TO SUBTOTAL 1

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

Compliance History 404.0% Enhancement — *Subtotals 2, 3, & 7* $10,100

Notes: The penalty was enhanced for 33 same or similar NOVs, eight other NOVs, seven 1660 orders, and six Findings Orders. The penalty was reduced due to 36 notices of intended audit, eight disclosures of violations, an EMS, and participation in a pollution reduction program.

Culpability No — 0.0% Enhancement — *Subtotal 4* $0

Notes: The Respondent does not meet the culpability criteria.

Good Faith Effort to Comply Total Adjustments — *Subtotal 5* $250

Economic Benefit 0.0% Enhancement* — *Subtotal 6* $0

Total EB Amounts $18
Approx. Cost of Compliance $1,000

**Capped at the Total EB $ Amount*

SUM OF SUBTOTALS 1-7 — *Final Subtotal* $12,350

OTHER FACTORS AS JUSTICE MAY REQUIRE 0.0% — *Adjustment* $0

Reduces or enhances the Final Subtotal by the indicated percentage.

Notes:

Final Penalty Amount $12,350

STATUTORY LIMIT ADJUSTMENT — *Final Assessed Penalty* $10,000

DEFERRAL 0.0% 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 $10,000

Screening Date 11-Dec-2008 **Docket No.** 2008-1925-AIR-E **PCW**

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

Case ID No. 36933 *PCW Revision October 30, 2008*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air

Enf. Coordinator Miriam Hall

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*)	33	165%
	Other written NOVs	8	16%
Orders	Any agreed final enforcement orders containing a denial of liability (*number of orders meeting criteria*)	7	140%
	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	6	150%
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*)	0	0%
	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*)	36	-36%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (*number of audits for which violations were disclosed*)	8	-16%

		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) 404%

>> **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 for 33 same or similar NOVs, eight other NOVs, seven 1660 orders, and six Findings Orders. The penalty was reduced due to 36 notices of intended audit, eight disclosures of violations, an EMS, and participation in a pollution reduction program.

Total Adjustment Percentage (Subtotals 2, 3, & 7) 404%

Screening Date 11-Dec-2008 **Docket No.** 2008-1925-AIR-E **PCW**

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

Case ID No. 36933 *PCW Revision October 30, 2008*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air

Enf. Coordinator Miriam Hall

Violation Number 1

Rule Cite(s) 30 Tex. Admin. Code §§ 101.20(3) and 116.115(b)(2)(F), NSRP No. 3219/PSD-TX-974, General Condition No. 8, and Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to prevent the loss of stream tracing which led to the unauthorized release from the OP-2 Elevated Flare, OP-3 Elevated Flare, and the OP-3 Ground Flare of 2,545 lbs of CO, 490.31 lbs of NOx, and 1,658 lbs of VOC on June 29, 2008 during an event lasting seven hours and five minutes. Because these emissions could have been foreseen and avoided by better maintenance practices, the demonstrations for an affirmative defense in 30 Tex. Admin. Code § 101.222 could not be met.

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 emissions which do not exceed levels that are protective of human health or environmental receptors as a result of this 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	
weekly	
monthly	
quarterly	x
semiannual	
annual	
single event	

Violation Base Penalty $2,500

One quarterly event is recommended.

Good Faith Efforts to Comply

10.0% Reduction — $250

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

Notes: The Respondent completed corrective actions on November 6, 2008. The NOE was issued November 3, 2008.

Violation Subtotal $2,250

Economic Benefit (EB) for this violation

Estimated EB Amount $18

Statutory Limit Test

Violation Final Penalty Total $12,350

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

Economic Benefit Worksheet

Respondent Shell Chemical LP
Case ID No. 36933
Reg. Ent. Reference No. RN100211879
Media Air
Violation No. 1

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				0.00	$0	$0	$0
Buildings				0.00	$0	$0	$0
Other (as needed)				0.00	$0	$0	$0
Engineering/construction				0.00	$0	$0	$0
Land				0.00	$0	n/a	$0
Record Keeping System				0.00	$0	n/a	$0
Training/Sampling				0.00	$0	n/a	$0
Remediation/Disposal				0.00	$0	n/a	$0
Permit Costs				0.00	$0	n/a	$0
Other (as needed)	$1,000	29-Jun-2008	6-Nov-2008	0.36	$18	n/a	$18

Notes for DELAYED costs: The estimated cost for taking the following corrective actions from the date of the violation until the date of completion: implemented a monthly requirement in the IntelaTrac tracker for an operator to visually check the Process Gas Compressor ("PGC") discharge flow transmitter steam tracing to ensure that it is operational, implemented a requirement within the GSAP work order system to require that the highest priority be set on all future PGC flow transmitter steam-tracing repair work order tickets, and replaced the steam tracing system on the PGC surge control flow transmitter impulse lines.

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

Disposal				0.00	$0	$0	$0
Personnel				0.00	$0	$0	$0
Inspection/Reporting/Sampling				0.00	$0	$0	$0
Supplies/equipment				0.00	$0	$0	$0
Financial Assurance [2]				0.00	$0	$0	$0
ONE-TIME avoided costs [3]				0.00	$0	$0	$0
Other (as needed)				0.00	$0	$0	$0

Notes for AVOIDED costs:

Approx. Cost of Compliance: $1,000

TOTAL: $18

Compliance History Report

Customer/Respondent/Owner-Operator:	CN601542012	Shell Oil Company	Classification: AVERAGE	Rating: 2.92
Regulated Entity:	RN100211879	SHELL OIL DEER PARK	Classification: AVERAGE	Site Rating: 2.80

ID Number(s):

AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0659W
AIR OPERATING PERMITS	PERMIT	1669
AIR OPERATING PERMITS	PERMIT	1668
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	1940
AIR OPERATING PERMITS	PERMIT	1942
AIR OPERATING PERMITS	PERMIT	3179
WASTEWATER	PERMIT	WQ0000402000
WASTEWATER	PERMIT	TPDES0004863
WASTEWATER	PERMIT	TX0004863
WASTEWATER	PERMIT	WQ0000403000
WASTEWATER	PERMIT	TPDES0004871
WASTEWATER	EPA ID	TX0004871
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	76315
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	18768
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	22038

AIR NEW SOURCE PERMITS	EPA ID	PSDTX815
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	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	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	PERMIT	48912
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	54061
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	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	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
AIR NEW SOURCE PERMITS	REGISTRATION	85596
AIR NEW SOURCE PERMITS	REGISTRATION	87183
AIR NEW SOURCE PERMITS	REGISTRATION	84642
AIR NEW SOURCE PERMITS	REGISTRATION	84354
AIR NEW SOURCE PERMITS	REGISTRATION	87871
AIR NEW SOURCE PERMITS	REGISTRATION	87174
AIR NEW SOURCE PERMITS	REGISTRATION	84538
AIR NEW SOURCE PERMITS	REGISTRATION	87173
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
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
AIR EMISSIONS INVENTORY	ACCOUNT NUMBER	HG0659W

Location: 5900 HIGHWAY 225, DEER PARK, TX, 77536

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: April 08, 2009

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: January 15, 2004 to January 15, 2009

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

Name: Miriam Hall Phone: (512) 239-1044

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/operator of the site during the compliance period? Yes
3. If Yes, who is the current owner/operator?

OWNOPR	Shell Deer Park Refining Company
OWNOPR	Shell Chemical LP
OWNOPR	Shell Oil Company
OWN	Deer Park Refining Limited Partnership
OPR	Shell Oil Products Company, L.L.C.
OWNOPR	Shell Chemical Company

4. if Yes, who was/were the prior owner(s)/operator(s) ? N/A

5. When did the change(s) in owner or operator occur? 06/10/2004

6. Rating Date: 9/1/2008 Repeat Violator: NO

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: 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: 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: 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: 08/15/2008 ADMINORDER 2008-0079-AIR-E

Classification: Moderate

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

Rqmt Prov: TCEQ Air Permit No. 3179, SC 6 PERMIT

Description: Shell failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 1,326.72 pounds ("lbs") of VOC were released from the vent stream collection vessel, V-8342., in the Phenol Acetone Unit during an emissions event that which occurred on August 9, 2007 and lasted 12 hours and 17 minutes. Since the emissions event was avoidable, Shell failed to meet the demonstration criteria for an affirmative defense in 30 Tex. Admin. Code 101.222.

Effective Date: 09/22/2008 ADMINORDER 2007-1789-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Permit No. 21262, Special Condition #1 PERMIT

Description: Shell failed to prevent an avoidable emissions event.

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 D 382.085(b)

Rqmt Prov: Permit No. 21262, Special Condition #1 PERMIT

Description: Failure to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter F 101.221(a)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2)
5C THC Chapter 382, SubChapter D 382.085(b)

Description: Failure to keep a flame present at a flare at all times.

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 D 382.085(b)

Rqmt Prov: Permit No. 21262, Special Condition #1 PERMIT

Description: Failure to prevent unauthorized emissions.

Effective Date: 09/22/2008 ADMINORDER 2007-1472-AIR-E

Classification: Moderate

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

Rqmt Prov: No.1968, Special Condition #1, MAERT PERMIT

Description: Shell failed to prevent an avoidable emissions event that resulted in the release of a large quantity of VOCs.

Classification: Moderate

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

Rqmt Prov: Permit No.3214, Special Condition #1 PERMIT

Description: failed to comply with permitted emissions limits.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(F)
30 TAC Chapter 101, SubChapter F 101.201(b)(1)(G)
5C THC Chapter 382, SubChapter D 382.085(b)

Description: Failure to list the compound descriptive type for the emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
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, Gen Condition 8 PERMIT

Description: failed to comply with permitted emissions limits

Effective Date: 11/06/2008 ADMINORDER 2007-1218-AIR-E

Classification: Moderate

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

Rqmt Prov: Permit No.3173, Special Condition #1 PERMIT

Description: Failure to install the metallurgically correct cap to a pump causing a leak to develop on a pump.

Classification: Moderate

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: No. 9334, Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions.

Classification: Minor

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

Description: Failed to notify the TCEQ Region Office of an emission event within 24 hours.

Effective Date: 11/17/2008 ADMINORDER 2008-0283-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: NSR Permit 3219 and PST-TX-974, MAERT PERMIT

Description: Failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: No. 21262, Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 7,275 lbs of sulfur dioxide, 38.50 lbs of CO, 5.33 lbs of NOx, 77.30 lbs of H2S, 304.3 lbs of volatile organic compounds, and 0.70 lbs of particulate matter were released through the East Property Flare in the Catalytic Cracker Feed Hydrotreater Unit during an emissions event (Incident No. 99227) that occurred on October 24, 2007 and lasted one hour and 50 minutes.

Effective Date: 12/04/2008 ADMINORDER 2006-0328-MLM-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219 and PSD-TX-974, GC 8 PERMIT
TCEQ Flex Air Permit 21262/PSDTX928, SC1 PERMIT

Description: Shell failed to prevent the unauthorized release of air contaminants into the atmosphere.

Classification: Minor

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

Description: Shell failed to comply with emissions event reporting requirements.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: TCEQ Flexible Air Permit #21262, SC1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
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/PSD-TX-974, G.C. 8 PERMIT
Description: Shell failed to prevent unauthorized emissions.
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. 3179, General Condition 8 PERMIT
Description: Shell failed to prevent unauthorized emissions.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter A 101.20(2)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(2)
5C THSC Chapter 382 382.085(b)
Description: Shell failed to properly seal open-ended lines.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(a)
5C THSC Chapter 382 382.085(b)
Description: Shell failed to monitor new valves which were put into service at the OP-3 unit on a monthly basis.

Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: Permit No. 21262, Special Condition 1 PERMIT
Permit No. 3219, General Condition 8 PERMIT
Description: Shell failed to prevent unauthorized emissions.
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: No. 3219, General Condition 8 PERMIT
Description: Shell failed to prevent unauthorized emissions.
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, General Condition 8 PERMIT
Description: Shell failed to prevent unauthorized emissions.
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: No. 21262, SC #1 PERMIT
Description: Shell failed to prevent unauthorized emissions.
Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(c)
5C THSC Chapter 382 382.085(b)
Description: Shell failed to submit an emissions event report within two weeks after the end of the event.

Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
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, GC 8 PERMIT
Description: Shell failed to prevent unauthorized emissions.
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 3179, General Condition 8 PERMIT
Description: Shell failed to prevent unauthorized emissions.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(a)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: Permit No. 2162/PSDTX 928, S.C. 1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

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: Permit No. 21262/PSD-TX-928, S.C. 1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: #21262, Special Condition #1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Major

Citation: 30 TAC Chapter 335, SubChapter H 335.221(a)(6)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.102(e)(3)(i)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.102(e)(7)(ii)

Rqmt Prov: Permit 50099, Provision V.1.2.b. PERMIT

Description: 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.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: #21262, Special Condition #1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(8)
5C THSC Chapter 382 382.085(b)

Description: 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.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No.21262, Special Condition No. 1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

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 D 382.085(b)

Rqmt Prov: Permit No. 21262/PSD-TX-928, S.C. No. 1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
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/ PSD-TX-974, G.C. 8 PERMIT

Description: Shell failed to comply with the permitted emission limits.

Classification: Moderate

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

Rqmt Prov: Permit No. 3173, Special Condition 13 PERMIT

Description: Shell failed to comply with the permitted emission limits.

Classification: Minor

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

Description: 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.

Classification: Moderate

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

Rqmt Prov: Permit No.3178, Special Condition No.1 PERMIT

Description: Shell failed to comply with the permitted emission limits.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: Permit No.21262, Special Condition No. 1 PERMIT
Description: Shell failed to prevent an unauthorized emissions.
Classification: Moderate

Citation: 30 TAC Chapter 112, SubChapter A 112.3(b)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: TCEQ Flexible Air Permit No. 21262, SC1 PERMIT
Description: Shell failed to prevent an avoidable emissions event.

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	01/21/2004	(252556)
2	01/22/2004	(295240)
3	01/26/2004	(295222)
4	01/28/2004	(261052)
5	02/23/2004	(248995)
6	02/23/2004	(432673)
7	02/27/2004	(295223)
8	03/16/2004	(295208)
9	03/24/2004	(295225)
10	04/16/2004	(256199)
11	04/21/2004	(295209)
12	04/23/2004	(295226)
13	05/19/2004	(256196)
14	05/19/2004	(295206)
15	05/19/2004	(295211)
16	05/25/2004	(268601)
17	05/25/2004	(295228)
18	06/03/2004	(270210)
19	06/18/2004	(270854)
20	06/18/2004	(271341)
21	06/21/2004	(295213)
22	06/23/2004	(352010)
23	07/22/2004	(352011)
24	07/26/2004	(352004)
25	08/11/2004	(287399)
26	08/11/2004	(287418)
27	08/11/2004	(288458)
28	08/11/2004	(288745)
29	08/16/2004	(279239)
30	08/16/2004	(279252)
31	08/23/2004	(352012)
32	08/24/2004	(352003)
33	08/24/2004	(352005)
34	08/31/2004	(267451)
35	08/31/2004	(268068)
36	08/31/2004	(292677)
37	09/07/2004	(292099)
38	09/22/2004	(352013)
39	10/04/2004	(352006)
40	10/18/2004	(335028)
41	10/20/2004	(352007)
42	10/20/2004	(352014)

43	11/11/2004	(289756)
44	11/22/2004	(352015)
45	11/23/2004	(352008)
46	11/29/2004	(339553)
47	12/05/2004	(268602)
48	12/11/2004	(341292)
49	12/14/2004	(341177)
50	12/15/2004	(340217)
51	12/20/2004	(352016)
52	12/27/2004	(352009)
53	12/30/2004	(344374)
54	12/30/2004	(344491)
55	01/06/2005	(344370)
56	01/06/2005	(344373)
57	01/10/2005	(279219)
58	01/20/2005	(381814)
59	01/24/2005	(381811)
60	02/22/2005	(350798)
61	02/22/2005	(381812)
62	03/22/2005	(381813)
63	03/23/2005	(381809)
64	03/28/2005	(381810)
65	04/01/2005	(346780)
66	04/22/2005	(419640)
67	04/22/2005	(419642)
68	04/22/2005	(575179)
69	04/29/2005	(344372)
70	05/09/2005	(378729)
71	05/18/2005	(575182)
72	06/20/2005	(575185)
73	06/21/2005	(419641)
74	06/21/2005	(419643)
75	07/13/2005	(374690)
76	07/18/2005	(379933)
77	07/18/2005	(379934)
78	07/18/2005	(575188)
79	07/20/2005	(400891)
80	07/21/2005	(400399)
81	07/28/2005	(379300)
82	08/02/2005	(400361)
83	08/03/2005	(399624)
84	08/05/2005	(341194)
85	08/05/2005	(341195)
86	08/05/2005	(341198)
87	08/05/2005	(341200)
88	08/05/2005	(341201)
89	08/15/2005	(453221)
90	08/16/2005	(404327)
91	08/16/2005	(404329)
92	08/18/2005	(404406)
93	08/22/2005	(400922)
94	08/22/2005	(575191)
95	08/23/2005	(401945)
96	08/23/2005	(404915)
97	08/25/2005	(405926)
98	08/30/2005	(401403)
99	09/23/2005	(440775)
100	09/23/2005	(440776)
101	09/27/2005	(575193)

102	09/28/2005	(431096)
103	10/04/2005	(405964)
104	10/05/2005	(406803)
105	10/05/2005	(407310)
106	10/05/2005	(431095)
107	10/05/2005	(431097)
108	10/10/2005	(406428)
109	10/24/2005	(468331)
110	10/24/2005	(575195)
111	10/26/2005	(433389)
112	10/28/2005	(405406)
113	11/03/2005	(431819)
114	11/04/2005	(431796)
115	11/04/2005	(431865)
116	11/14/2005	(371956)
117	11/23/2005	(575197)
118	11/28/2005	(468332)
119	12/08/2005	(418800)
120	12/16/2005	(451110)
121	12/21/2005	(575199)
122	12/22/2005	(575200)
123	12/27/2005	(468333)
124	01/24/2006	(451885)
125	01/24/2006	(468334)
126	01/24/2006	(575201)
127	02/16/2006	(454090)
128	02/21/2006	(455170)
129	02/21/2006	(575174)
130	02/23/2006	(455872)
131	02/23/2006	(455897)
132	02/24/2006	(438342)
133	02/24/2006	(468329)
134	02/25/2006	(456944)
135	02/25/2006	(457085)
136	02/27/2006	(456661)
137	02/27/2006	(457162)
138	02/28/2006	(457143)
139	02/28/2006	(457152)
140	03/03/2006	(455540)
141	03/09/2006	(457675)
142	03/17/2006	(451544)
143	03/20/2006	(431859)
144	03/20/2006	(571632)
145	03/21/2006	(575176)
146	03/23/2006	(290016)
147	03/23/2006	(468330)
148	03/28/2006	(405965)
149	04/03/2006	(455004)
150	04/21/2006	(575180)
151	04/24/2006	(449499)
152	04/24/2006	(498125)
153	04/26/2006	(455005)
154	04/27/2006	(440023)
155	04/28/2006	(462216)
156	05/10/2006	(266908)
157	05/10/2006	(268067)
158	05/12/2006	(461088)
159	05/17/2006	(461235)
160	05/17/2006	(466235)

161	05/22/2006	(498126)
162	05/22/2006	(575183)
163	05/26/2006	(460095)
164	05/26/2006	(460156)
165	05/26/2006	(460174)
166	05/26/2006	(460637)
167	05/30/2006	(459416)
168	05/30/2006	(460198)
169	05/31/2006	(455293)
170	06/12/2006	(455296)
171	06/13/2006	(457735)
172	06/14/2006	(480612)
173	06/15/2006	(449850)
174	06/16/2006	(575186)
175	06/20/2006	(498127)
176	06/30/2006	(463111)
177	06/30/2006	(466561)
178	07/10/2006	(482757)
179	07/11/2006	(482407)
180	07/11/2006	(482755)
181	07/11/2006	(482760)
182	07/24/2006	(520133)
183	07/24/2006	(575189)
184	07/26/2006	(487301)
185	07/27/2006	(486448)
186	07/31/2006	(482753)
187	08/08/2006	(482747)
188	08/14/2006	(480383)
189	08/18/2006	(457259)
190	08/22/2006	(575192)
191	08/23/2006	(457432)
192	08/25/2006	(510170)
193	08/28/2006	(479997)
194	08/29/2006	(479999)
195	08/29/2006	(509957)
196	08/30/2006	(509636)
197	08/31/2006	(457283)
198	09/22/2006	(575194)
199	09/25/2006	(520134)
200	09/29/2006	(487313)
201	10/04/2006	(510017)
202	10/04/2006	(512388)
203	10/05/2006	(510021)
204	10/05/2006	(512392)
205	10/05/2006	(512393)
206	10/13/2006	(510023)
207	10/23/2006	(575196)
208	10/24/2006	(544406)
209	10/26/2006	(512394)
210	10/27/2006	(515112)
211	10/31/2006	(343595)
212	10/31/2006	(509694)
213	11/06/2006	(515706)
214	11/16/2006	(512687)
215	11/16/2006	(514711)
216	11/21/2006	(517284)
217	11/22/2006	(575198)
218	11/27/2006	(544407)
219	12/07/2006	(487985)

220	12/07/2006	(488004)
221	12/07/2006	(488023)
222	12/07/2006	(488025)
223	12/21/2006	(534053)
224	12/27/2006	(544408)
225	12/27/2006	(544409)
226	01/19/2007	(531892)
227	01/22/2007	(575202)
228	01/31/2007	(537439)
229	01/31/2007	(538238)
230	01/31/2007	(538659)
231	02/17/2007	(532455)
232	02/22/2007	(575167)
233	02/22/2007	(575175)
234	02/23/2007	(532452)
235	02/23/2007	(532463)
236	02/27/2007	(532471)
237	03/01/2007	(509707)
238	03/05/2007	(406521)
239	03/21/2007	(575177)
240	03/23/2007	(575168)
241	04/12/2007	(554202)
242	04/19/2007	(575169)
243	04/23/2007	(575181)
244	04/25/2007	(532459)
245	04/25/2007	(542681)
246	04/30/2007	(542592)
247	04/30/2007	(542683)
248	05/07/2007	(537121)
249	05/08/2007	(542690)
250	05/14/2007	(542697)
251	05/16/2007	(575170)
252	05/18/2007	(542652)
253	05/22/2007	(575184)
254	05/29/2007	(559183)
255	05/30/2007	(560809)
256	06/20/2007	(575171)
257	06/22/2007	(575187)
258	06/25/2007	(563779)
259	06/25/2007	(564308)
260	06/27/2007	(564822)
261	06/27/2007	(564828)
262	07/06/2007	(565610)
263	07/10/2007	(565422)
264	07/20/2007	(575172)
265	07/20/2007	(575173)
266	07/23/2007	(575178)
267	07/23/2007	(575190)
268	08/01/2007	(567841)
269	08/13/2007	(571026)
270	08/14/2007	(567884)
271	08/15/2007	(571883)
272	08/17/2007	(571025)
273	08/22/2007	(607528)
274	09/18/2007	(571877)
275	09/20/2007	(601572)
276	09/24/2007	(607529)
277	10/12/2007	(560777)
278	10/16/2007	(593594)

279	10/18/2007	(601573)
280	10/25/2007	(596852)
281	11/06/2007	(565492)
282	11/06/2007	(593367)
283	11/20/2007	(619483)
284	11/30/2007	(601276)
285	11/30/2007	(608138)
286	12/20/2007	(610419)
287	12/20/2007	(619484)
288	01/17/2008	(600635)
289	01/17/2008	(619485)
290	01/22/2008	(613355)
291	02/01/2008	(607448)
292	02/01/2008	(613923)
293	02/01/2008	(615075)
294	02/05/2008	(610680)
295	02/13/2008	(616505)
296	02/14/2008	(616503)
297	02/19/2008	(671990)
298	02/28/2008	(637020)
299	03/24/2008	(638443)
300	03/28/2008	(600448)
301	03/31/2008	(610634)
302	04/09/2008	(610636)
303	04/11/2008	(610638)
304	04/11/2008	(637073)
305	04/17/2008	(671992)
306	04/21/2008	(639674)
307	04/22/2008	(653495)
308	04/24/2008	(671991)
309	05/20/2008	(654015)
310	05/20/2008	(654943)
311	05/20/2008	(689907)
312	05/23/2008	(637956)
313	05/23/2008	(638051)
314	06/01/2008	(640777)
315	06/06/2008	(654842)
316	06/10/2008	(671393)
317	06/17/2008	(682693)
318	06/18/2008	(683279)
319	06/20/2008	(689908)
320	06/27/2008	(659663)
321	06/30/2008	(600450)
322	07/11/2008	(685564)
323	07/17/2008	(656863)
324	07/17/2008	(686593)
325	07/17/2008	(689909)
326	07/23/2008	(683726)
327	07/24/2008	(682501)
328	07/24/2008	(685354)
329	08/14/2008	(686729)
330	08/19/2008	(689497)
331	08/20/2008	(685355)
332	08/20/2008	(710691)
333	08/22/2008	(699629)
334	08/31/2008	(637068)
335	08/31/2008	(637076)
336	09/05/2008	(700024)
337	09/10/2008	(702237)

338 09/10/2008 (702256)
339 09/19/2008 (710692)
340 10/09/2008 (703510)
341 10/16/2008 (704306)
342 10/16/2008 (710693)
343 10/23/2008 (682549)
344 10/27/2008 (706455)
345 10/27/2008 (706540)
346 11/03/2008 (700060)
347 11/03/2008 (701753)
348 11/19/2008 (727450)
349 11/24/2008 (684019)
350 12/04/2008 (709362)
351 12/04/2008 (709367)
352 12/12/2008 (721015)
353 12/18/2008 (727451)
354 12/29/2008 (722320)
355 12/30/2008 (705857)
356 01/09/2009 (723179)
357 01/15/2009 (707647)

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

Date: 01/21/2004 (252556) CN601542012
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
TCEQ AIR PERMIT #21262, SC #1 PERMIT
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) CN601542012
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)
Description: Failure to meet the limit for one or more permit parameter

Date: 06/30/2004 (352011) CN601542012
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)
Description: Failure to meet the limit for one or more permit parameter

Date: 08/31/2004 (267451) CN601542012
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
No. 21262 and PSD-TX-928 PERMIT
Description: Failure to prevent unauthorized emissions.

Date: 09/22/2004 (335028) CN601542012
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) CN601542012
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)
Description: Failure to meet the limit for one or more permit parameter

Date: 11/30/2004 (352009) CN601542012
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)
Description: Failure to meet the limit for one or more permit parameter

Date: 12/14/2004 (340217) CN601542012

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: 12/30/2004 (344491) CN601542012

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)
Permit #21262/PSD-TX-928, SC#1 PA

Description: Failure to control emissions.

Date: 12/30/2004 (344374) CN601542012

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)
Permit #s:21262,PSD-TX-928, SC #1 PA

Description: Failure to Control Emissions

Date: 03/31/2005 (419640) CN601542012

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)

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

Date: 04/29/2005 (344372) CN601542012

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to control emissions.

Date: 05/31/2005 (575185) CN601542012

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)

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

Date: 07/31/2005 (419643) CN601542012

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)

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

Date: 07/31/2005 (575191) CN601542012

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)

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

Date: 08/17/2005 (404327) CN601542012

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) CN601542012

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)

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

Date: 10/10/2005 (406428) CN601542012

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: 11/30/2005 (575199) CN601542012
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)
Description: Failure to meet the limit for one or more permit parameter

Date: 12/08/2005 (418800) CN601542012
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: 02/27/2006 (438342) CN601542012
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) CN601542012
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
NSR Permit #3173, Special Condition #1 PA
Description: Failure to control unauthorized emissions for Incident #64365.

Date: 05/17/2006 (461235) CN601542012
Self Report? NO Classification: Moderate
Citation: 1946, Special Condition 15H OP
1946, Special Condition 1A OP
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)
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: 1668, Special Condition 1A OP
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)
Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and OP3GRFLA.

Self Report? NO Classification: Moderate
Citation: 1668, Special Condition 1A OP
30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
3219, Special Conditions 5 and 6 PERMIT
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Operation of Flares OP2ELFLA, OP3ELFLA and OP3GRFLA with visible emissions .

Self Report? NO Classification: Minor
Citation: 1946, Special Condition 1A OP
1946, Special Condition 21 OP
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)
3216, Special Condition 6E PERMIT
3218, Special Condition 8E PERMIT
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Nine OELs in HT2; 2 OELs in CIPX

Self Report? NO Classification: Minor

Citation: 18576, Special Condition 7E PERMIT
1946, Special Condition 1A OP
1946, Special Condition 21 OP
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)

Description: Failure to seal 18 OELs in IRU.

Self Report? NO Classification: Minor

Citation: 1946, Special Condition 1A OP
1946, Special Condition 21 OP
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)
3217, Special Condition 3E PERMIT
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

Description: Failure to seal OELs in BD3.

Self Report? NO Classification: Moderate

Citation: 1946, Special Condition 21 OP
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
3216, Special Condition 1 PERMIT
3216, Special Condition 5 PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)

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

Self Report? NO Classification: Moderate

Citation: 1946, Special Condition 21 OP
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
3216, Special Conditions 1 and 4 PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)

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

Date: 05/31/2006 (455293) CN601542012

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)
No. 3219 and PSD-TX-974 MAERT PERMIT

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

Date: 06/15/2006 (457735) CN601542012

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)
9334 MAERT PERMIT

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) CN601542012

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Self-reporting Requirements PERMIT

Description: Using unapproved self-generated Discharge Monitoring Report (DMR) forms to report monitoring results.

Date: 06/30/2006 (520133) CN601542012

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)

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

Date: 07/31/2006 (440775) CN601542012

Self Report? YES Classification: Moderate

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

TWC Chapter 26 26.121(a)
Description: Failure to meet the limit for one or more permit parameter
Date: 07/31/2006 (575192) CN601542012
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)
Description: Failure to meet the limit for one or more permit parameter
Date: 08/18/2006 (457259) CN601542012
Self Report? NO Classification: Minor
Citation: 266, SC 7E PERMIT
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)
3985A, SC 7E PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)
O-01947, Special Condition 13 OP
O-01947, Special Condition 1A OP
Description: 3 OELs in SITEFE and 1 OEL in WRACKFE
Date: 08/23/2006 (457432) CN601542012
Self Report? NO Classification: Minor
Citation: 1948, Special Condition 1A OP
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)
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: 1948, Special Condition 13 OP
1948, Special Condition 1A OP
19849, Special Condition 11E PERMIT
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)
Description: 10 OELs in MPLANTFE
Self Report? NO Classification: Minor
Citation: 1948, Special Condition 13 OP
1948, Special Condition 1A OP
1968, Special Condition 3E PERMIT
19849, Special Condition 11E PERMIT
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)
3173, Special Condition 6E PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)
Description: 5 OELs in LPGFE; 15 OELs in IPAFINFE; 8 OELs in IPACRUFE; 1 OEL in HPLANTFE
Self Report? NO Classification: Minor
Citation: 1948, Special Condition 13 OP
1948, Special Condition 1A OP
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)
3173, Special Condition 6F PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to monitor Valve Tag No. 301622 in IPAFINFE during the first quarter of 2005

Self Report? NO Classification: Minor
Citation: 1948, Special Condition 13 OP
19849, Special Condition 7D PERMIT
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)
Description: Failure to inspect Tank T667B by the due date of March 2005

Self Report? NO Classification: Moderate

Citation: 1948, Special Condition 13 OP
30 TAC Chapter 106, SubChapter K 106.261(a)(2)
30 TAC Chapter 122, SubChapter B 122.143(4)
3173, Special Condition 1 PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)

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: 1948, Special Condition 1H(iv) OP
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)

Description: Failure to repair Component No. 200706 in IPACRUFE within seven days

Self Report? NO Classification: Minor

Citation: 1948, Special Condition 1A OP
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)

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) CN601542012

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)
3219, Special Condition 2I PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)
O-1668, Special Condition 15 OP
O-1668, Special Condition 1H(v) OP

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)
3219, Special Condition 2E PERMIT
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
O-1668, Special Condition 15 OP
O-1668, Special Condition 1A OP

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)
3214, Special Condition 5E PERMIT
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
O-1668, Special Condition 15 OP
O-1668, Special Condition 1A OP

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)
3214, Special Condition 5E PERMIT
3219, Special Condition 2E PERMIT
40 CFR Chapter 63, SubChapter C, PT 63, SubPT UU 63.1033(b)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
O-1668, Special Condition 15 OP
O-1668, Special Condition 1A OP

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)
3219, Maximum Allowable Emission Rates PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)
O-1668, Special Condition 15 OP

Description: Exceedance of VOC MAER in tpy for the Olefins Flare System

Date: 08/29/2006 (479999) CN601542012

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)
9334, Special Condition 15E PERMIT
O-1943, Special Condition 17 OP
O-1943, Special Condition 1A OP

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)
9334, Special Condition 7 PERMIT
O-1943, Special Condition 17 OP

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)
O-1943, Special Condition 1A OP

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)
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)
9334, Special Condition 8 PERMIT
O-1943, Special Condition 17 OP

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)
9334, Special Condition 10D PERMIT
O-1943, Special Condition 17 OP

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)
9334, Special Condition 10D PERMIT
O-1943, Special Condition 17 OP
O-1943, Special Condition 1A OP

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) CN601542012

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
48912, Special Condition 5 PERMIT

5C THC Chapter 382, SubChapter A 382.085(b)
O-2108, Special Condition 15 OP

Description: Failure to analyze wastewater for isobutyraldehyde

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.132(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
O-2108, Special Condition 1A OP

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)
O-2108, Special Condition 1A OP

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)
O-2108, Special Condition 1A OP

Description: Failure to monitor the presence of the pilot flame on the A&S Flare, EPN A1301

Date: 11/14/2006 (512687) CN601542012

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)
FOP #O-01669, Special Condition #1A OP

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)
FOP #O-01669, Special Condition #1A OP
FOP #O-01669, Special Condition #1D OP

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: 11/30/2006 (544408) CN601542012

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)

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

Date: 12/31/2006 (544409) CN601542012

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)

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

Date: 02/23/2007 (532452) CN601542012

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)
FOP O-01946, Special Condition 1A OP
FOP O-01946, Special Condition 1M(iv) OP
FOP O-01946, Special Condition 21 OP
NSR #18576, Special Condition 7H PA
NSR #3216, Special Condition 6H PA
NSR #3217, Special Condition 3H PA

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)
FOP # O-01946, Special Condition 1A OP
FOP #O-01946, Special Condition 21 OP
NSR 3216, Special Condition 2 PA
NSR 3218, Special Condition 2 PA

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)
FOP O-01946, Special Condition 1A OP
FOP O-01946, Special Condition 1M(iv) OP
FOP O-01946, Special Condition 21 OP
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 PA

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)
FOP O-01946, Special Condition 21 OP
NSR Permit 3216, Special Condition 5 PA

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)
FOP O-01946, Special Condition 1A OP
FOP O-01946, Special Condition 21 OP
NSR Permit 3219, Special Condition 4 PA

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)

FOP O-01946, Special Condition 21 OP
NSR Permit 3216, Special Condition 1 PA

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)
FOP O-01946, Special Condition 1M(ii) OP

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)
FOP O-01946, Special Condition 1M(ii) OP

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)
FOP O-01946, Special Condition 1A OP

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)
FOP O-01946, Special Condition 28 OP

Description: Failure to provide chemical process training to refinery personnel per by 40 CFR 68.73(c).

Date: 02/27/2007 (532471) CN601542012

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.146(2)
5C THC Chapter 382, SubChapter A 382.085(b)
FOP #O-01947, General Terms & Conditions OP

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)
FOP #O-01947, General Terms & Conditions OP

Description: Failure to submit a Deviation report within 30 days as required.

Date: 02/28/2007 (575168) CN601542012

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)

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

Date: 02/28/2007 (575177) CN601542012

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)

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

Date: 03/31/2007 (575169) CN601542012

Self Report? YES Classification: Moderate

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

TWC Chapter 26 26.121(a)
Description: Failure to meet the limit for one or more permit parameter
Date: 04/30/2007 (575170) CN601542012
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)
Description: Failure to meet the limit for one or more permit parameter
Date: 05/14/2007 (542697) CN601542012
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.211(a)
Description: Failure to submit the initial notification ten days prior or as soon as practicable for a major turnaround.
Date: 05/31/2007 (575171) CN601542012
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)
Description: Failure to meet the limit for one or more permit parameter
Date: 05/31/2007 (575187) CN601542012
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)
Description: Failure to meet the limit for one or more permit parameter
Date: 06/30/2007 (575172) CN601542012
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)
Description: Failure to meet the limit for one or more permit parameter
Date: 07/31/2007 (575173) CN601542012
Self Report? YES Classification: Moderate
Citation: 2D TWC Chapter 26, SubChapter A 26.121(a)
30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to meet the limit for one or more permit parameter
Date: 08/29/2007 (543555) CN601542012
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.145(2)(C)
30 TAC Chapter 122, SubChapter B 122.146(2)
5C THC Chapter 382, SubChapter D 382.085(b)
Title V O-01669,General Terms/Condition OP
Description: failed to submit a permit compliance certification and a deviation report in a timely manner.
Date: 08/31/2007 (601572) CN601542012
Self Report? YES Classification: Moderate
Citation: 2D TWC Chapter 26, SubChapter A 26.121(a)
30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to meet the limit for one or more permit parameter
Date: 09/30/2007 (601573) CN601542012
Self Report? YES Classification: Moderate
Citation: 2D TWC Chapter 26, SubChapter A 26.121(a)
30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to meet the limit for one or more permit parameter
Date: 02/05/2008 (610680) CN601542012
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 63, SubChapter C, PT 63, SubPT H 63.162(f)(1)
5C THSC Chapter 382 382.085(b)
NSR 18576, Special Condition 7H PERMIT
NSR 3217, Special Condition 3H PERMIT
O-01946 Special Conditions 1M(iv) OP
O-01946 Special Conditons 1A OP
Description: Failure to affix and maintain leaking component tags on Leak Detection and Repair

components.

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 THSC Chapter 382 382.085(b)
NSR 3216, Special Condition 2 PERMIT
NSR 3218, Special Condition 2 PERMIT
O-01946 Special Condition 1A OP
O-01946 Special Condition 21 OP

Description: Failure to affix permanent identification tags on 76 LDAR components.

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 THSC Chapter 382 382.085(b)
NSR 18576, Special Condition 7E PERMIT
NSR 3216, Special Condition 6E PERMIT
NSR 3217, Special Condition 3E PERMIT
NSR 3218, Special Condition 8E PERMIT
O-01946 Special Condition 1A OP
O-01946 Special Condition 1M(iv) OP
O-01946 Special Condition 21 OP

Description: Failure to seal open-ended valves or lines with a cap, blind flange, plug, or a second valve. (CATEGORY C10 violation)

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 THSC Chapter 382 382.085(b)
O-01946 Special Condition 1M(ii) OP

Description: Failure to stay below the maximum operating limit for vents in HRVOC service.

Self Report? NO Classification: Moderate

Citation:
30 TAC Chapter 115, SubChapter H 115.725(c)(3)(D)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01946 Special Condition 1M(ii) OP

Description: Failure to meet HRVOC monitoring/recordkeeping requirements.

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 THSC Chapter 382 382.085(b)
NSR 3216, Special Condition 11C PERMIT
O-01946 Special Condition 21 OP

Description: Failure to continuously monitor and record the H2S concentration on the fuel gas on analyzer AI104 at the OP-2 fuel blend drum.

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 THSC Chapter 382 382.085(b)
O-01946 Special Condition 21 OP
Special Condition 11B PERMIT

Description: Failure to continuously monitor the Gross Heating Value (GHV) measurement of the fuel gas.

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 THSC Chapter 382 382.085(b)
NSR 3216, Special Condition 5 PERMIT
O-01946 Special Condition 21 OP

Description: Failure to monitor the firing rate of the FOL602 furnace for 79 hours during the semi-annual deviation reporting period 8/24/2006 through 2/23/2007.

Self Report? NO Classification: Moderate

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 I 61.112(a)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THSC Chapter 382 382.085(b)
NSR 3214, SC 5(E) PERMIT
NSR 3214, SC 6(E) PERMIT
NSR 3219, SC 2(E) PERMIT
NSR 3219, SC 8 PERMIT
O-01668, SC 1(A) OP
O-01668, SC 1(H)(v) OP
O-01668, SC 15(A) OP

Description: Failure to seal eighty-eight (88) open-ended lines (OEL's) from August 24, 2006 to June 28, 2007: 42 OEL's in LO3FUG, 23 OEL's in PY3FUG, and 23 OEL's in OP2FUG.

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 I 61.112(a)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.246(b)(1)
5C THSC Chapter 382 382.085(b)
NSR 3214, SC 5(H) PERMIT
NSR 3214, SC 6(H) PERMIT
NSR 3219, SC 2(H) PERMIT
NSR 3219, SC 8 PERMIT
O-01668, SC 1(A) OP
O-01668, SC 1(H)(v) OP
O-01668, SC 15(A) OP

Description: Failure to tag seventeen (17) leaking components: 14 components in OP2FUG and 3 components in LO3FUG from September 21, 2006 to June 25, 2007.

Self Report? NO Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter H 115.782(b)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01668, SC 1(H)(v) OP

Description: Failure to repair valve 76372A within 7 days.

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 THSC Chapter 382 382.085(b)
NSR 56496, GC 8 PERMIT
NSR 56496, SC 1 PERMIT
O-01668, SC 15(A) OP

Description: Failure to stay at or below the 18.37 lb/hr NOx limit, August 24, 2006 at 0000 to February 23, 2007 at 2300, for FOL-700 (79 block hrs for 179 lbs excess NOx) and FOL-710 (22 block hrs for 25 lbs excess NOx).

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 THSC Chapter 382 382.085(b)
NSR 56496, SC 5 PERMIT
O-01668, SC 15(A) OP

Description: Failure to stay at or below the 0.12 lb/MMBtu NOx limit for FOL-700 (118 days exceeded limit) and FOL-710 (39 days exceeded limit), from August 24, 2006 at 0000 to February 23, 2007 at 2300 and from February 24, 2007 at 0000 to August 23, 2007 at 2300 and to stay at or below the 0.10 lb/MMBtu NOx annual limit for calendar year 2006 for FOL-700 and FOL-710.

Self Report? NO Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter B 115.136(a)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

O-01668, SC 1(A) OP

Description: Failure to collect required daily samples for LO3CPI from October 24, 2006 at 0000 to November 30, 2006 at 2300.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.764(a)(6)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01668, SC 1(H)(iv) OP

Description: Failure to collect samples when the HRVOC monitor was down more than 24 hrs for OP3CWT and OP2CWT (OP3CWT missed 2 samples, OP2CWT-North riser missed 2 samples, and OP2CWT-South riser missed 1 sample) from August 24, 2006 at 0000 to February 23, 2007 at 2300.

Self Report? NO Classification: Moderate

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(c)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)
5C THSC Chapter 382 382.085(b)
NSR 3219, SC 16 PERMIT
NSR 3219, SC 5 PERMIT
O-01668, SC 1(A) OP
O-01668, SC 15(A) OP

Description: Failure to verify the presence of pilot flame for 8 block hrs (invalid data or signal indicated loss of pilot and the operator logs to indicate if pilot was indeed lit were not completed) for OP2 ELFLA on February 27, 2007 from 0100 to 0900.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01668, SC 1(H)(ii) OP

Description: Failure to collect samples when the HRVOC monitor was down for more than 8 hrs for OP3ELFLA (9 samples missed), OP2ELFLA (8 samples missed), OP3GRFLA (7 samples missed) from August 24, 2006 at 0000 to February 23, 2007 at 2300 and from February 24, 2007 at 0000 to August 23, 2007 at 2300.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.722(c)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01668, SC 1(H)(ii) OP

Description: Failure to prevent two exceedances of the site-wide HRVOC limit of 1200 lb/hr, as reported in STEERS 86796 and STEERS 90699 on February 01, 2007 from 2200 to 2300 and on May 03, 2007 from 0200 to 0600.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(3)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01668, SC 1(H)(ii) OP

Description: Failure to prevent CMS downtimes greater than 5% (OP3ELFLA (up time of 93.3%), OP2ELFLA (up time of 86.3%), and OP2GRFLA (up time of 93.7%), for calendar year 2006.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter C 122.210(a)
5C THSC Chapter 382 382.085(b)
O-01668, SC 15(B) OP

Description: Failure to include all authorizations in Federal Operating Permit (FOP) O-01668, issued October 18, 2004 and amended February 1, 2006.

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 60.113b(b)(1)(i)
5C THSC Chapter 382 382.085(b)
O-01668, SC 1(A) OP

Description: Failure to conduct physical measurements (every 5 years at least) on the primary seal of Tank AP-19.

Date: 04/09/2008 (639062) CN601542012

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(1)
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 Kb 60.113b(a)(2)
5C THSC Chapter 382 382.085(b)
NSR 3173, SC 3 PERMIT
NSR 3173, SC 8(D) PERMIT
NSR 3985A, SC 8(D) PERMIT
NSR19849, SC 7(D) PERMIT
O-01948, SC 1(A) OP
O-01948, SC 13(A) OP

Description: Failure to perform annual visual internal floating roof (IFR) inspections in OXYSOLVTANK in a timely manner.

Self Report? NO Classification: Moderate

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 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
5C THSC Chapter 382 382.085(b)
NSR 1968, SC 3(E) PERMIT
NSR 19849, SC 11(E) PERMIT
NSR 19849, SC 13 PERMIT
NSR 19849, SC 14 PERMIT
NSR 3173, SC 6(E) PERMIT
O-01948, 13(A) OP
O-01948, SC 1(A) OP
O-01948, SC 1(H)(iv) OP

Description: Failure to seal open-ended lines.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(1)(A)
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 THSC Chapter 382 382.085(b)
NSR 3173, SC 6(I) PERMIT
O-01948, SC 1(A) OP
O-01948, SC 1(H)(iv) OP
O-01948, SC 13(A) OP

Description: Failure to repair connector 702527 in IPACRUFE (in HRVOC service) within 15 days

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)
5C THSC Chapter 382 382.085(b)
NSR 3173, SC 6(H) PERMIT
O-01948, SC 1(A) OP
O-01948, SC 1(H)(iv) OP
O-01948, SC 13(A) OP

Description: Failure to tag two components, 201566.1 and 201589.P, on June 18, 2007.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(3)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01948, SC 1(H)(ii) OP

Description: Failure to prevent CMS downtimes greater than 5% for the A&S Flare CMS (HRVOC analyzer).

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01948, SC 1(H)(ii) OP

Description: Failure to collect samples when the HRVOC monitor went off-line for more than 8 hours for the HIPA flare and the A&S flare.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.764(a)(6)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01948, SC 1(H)(iii) OP

Description: Failure to collect samples when the HRVOC analyzer to CWT-1D went off-line for more than 24 hours.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(c)(3)(D)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01948, SC 1(H)(ii) OP

Description: Failure to timely conduct quarterly CMS (HRVOC analyzer) inspections for SOLV PRV's & Vents.

Date: 04/11/2008 (637073) CN601542012

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.722(c)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01947, SC 1(H)(iii) OP

Description: Failure to prevent an exceedance of the site-wide HRVOC limit of 1200 lb/hr, as reported in STEERS 98777 on October 15, 2007 from 1400 to 1500.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(c)(3)(D)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01947, SC 1(H)(ii) OP

Description: Failure to timely conduct quarterly CMS (HRVOC analyzer) inspections for Distribution, from October 16, 2006 to March 31, 2007.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01947, SC 1(H)(ii) OP

Description: Failure to timely collect samples when the HRVOC monitor went off-line for more than 8 hours for the A&S flare.

Date: 04/11/2008 (610638) CN601542012

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)
5C THSC Chapter 382 382.085(b)
O-02108, SC 1(A) OP
O-02108, SC 15(A) OP
Permit 19849, SC 11(E) PERMIT

Description: Failure to seal three (3) open-ended lines (OEL's) from March 20, 2007 to March 30, 2007 in ENVSOFLR1 (tag nos. 188.P, 185, and 188).

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-02108, SC 1(A) OP

Description: Failure to tag one component, tag no. 185, in ENVSOFLR1 from November 13, 2006 to November 14, 2006.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.136(a)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-02108, SC 1(A) OP

Description: Failure to collect the required daily sample for the API vapor pressure from GRPAPI on January 13, 2007.

Date: 05/31/2008 (689908) CN601542012

Self Report? YES Classification: Moderate

Citation: 2D TWC Chapter 26, SubChapter A 26.121(a)
30 TAC Chapter 305, SubChapter F 305.125(1)

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

Date: 06/30/2008 (689909) CN601542012

Self Report? YES Classification: Moderate

Citation: 2D TWC Chapter 26, SubChapter A 26.121(a)
30 TAC Chapter 305, SubChapter F 305.125(1)

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

Date: 08/20/2008 (685355) CN601542012

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter A 335.6(c)
Provision II.C.1.i. PERMIT

Description: Failure to have an up-to-date Notice of Registration for waste streams and waste management units.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter C 335.69(a)(1)(A)
30 TAC Chapter 335, SubChapter E 335.112(a)
30 TAC Chapter 335, SubChapter F 335.152(a)(1)
40 CFR Chapter 262, SubChapter I, PT 262, SubPT C 262.34(a)(1)(i)
40 CFR Chapter 263, SubChapter I, PT 263, SubPT C 264.15
40 CFR Chapter 265, SubChapter I, PT 265, SubPT I 265.174
Provision II.D PERMIT

Description: Failure to complete required inspections.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter F 335.173(a)(3)
40 CFR Chapter 264, SubChapter I, PT 264, SubPT N 264.301(a)(2)
Provision V.G.4.g PERMIT

Description: Failure to maintain leachate levels below twelve inches in Site 104 Landfill.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter F 335.152(a)(12)
40 CFR Chapter 264, SubChapter I, PT 264, SubPT N 264.303(c)(1)
ProvisionV.G.4.h PERMIT

Description: Failure to record the amount of leachate being removed from the landfill.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter F 335.152(a)(4)
40 CFR Chapter 264, SubChapter I, PT 264, SubPT E 264.73(b)(9)
Provision II.B.9 PERMIT

Description: Failure to have an Annual Waste Minimization Statement.

Date: 09/02/2008 (637076) CN601542012

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.146(2)
5C THSC Chapter 382 382.085(b)
FOP O-01945, General Terms & Conditions OP

Description: Failure to submit the Annual Compliance Certification (ACC) report for the certification period April 15, 2006 through October 15, 2007 within 30 days.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.145(2)(C)
5C THSC Chapter 382 382.085(b)
FOP O-01945, General Terms & Conditions OP

Description: Failure to submit the second semi-annual deviation report for the period April 16, 2007 through October 15, 2007 within 30 days.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.116(b)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 21 OP
NSR 3179, GC 1 PERMIT

Description: Failure to maintain maximum vapor pressures from Tanks T-665, G-330, G331, D-402, D-403, and EX-80 from October 16, 2006 at 0000 to April 15, 2007 at 2359.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

FOP O-01945, SC 21(A) OP
NSR 3179, GC 1 PERMIT
NSR 3179, SC 10 PERMIT

Description: Failure to maintain the maximum pumping rate for Tank D-402 on February 8, 2007 from 1100 to 1300 and Tank D-392 on September 19, 2007 from 1700 to 1800.

Self Report? NO Classification: Moderate

Citation:
30 TAC Chapter 115, SubChapter B 115.122(a)(2)
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 G 63.113(a)(2)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 1(A) OP
NSR 3179, SC 2 PERMIT

Description: Failure to maintain the maximum three-hour volatile organic compound (VOC) average limit of 20 ppm for H-9200 from May 1, 2007 at 0000 to October 17, 2007 at 1700.

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 THSC Chapter 382 382.085(b)
FOP O-01945, SC 21(A) OP
NSR 3179, SC 13 PERMIT

Description: Failure to maintain a minimum scrubber stream factor from V8342 to H-9200 of 98% on a twelve-month basis from October 16, 2006 at 0000 to April 15, 2007 at 2359 and from April 16, 2007 at 0000 to June 30, 2007 at 2359.

Self Report? NO Classification: Minor

Citation:
30 TAC Chapter 122, SubChapter C 122.210(a)
5C THSC Chapter 382 382.085(b)

Description: Failure to include in the Federal Operating Permit, vent gas stream collection vessel V8342.

Self Report? NO Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter H 115.725(d)(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 1(H)(ii) OP

Description: Failure to collect samples or collect timely samples when the HRVOC monitor was down for more than 8 hrs for the East Property Flare from November 8, 2006 at 1800 July 12, 2007 at 2050, and the Temporary Flare from March 2, 2007 at 2200 to March 3, 2007 at 0800.

Self Report? NO Classification: Moderate

Citation:
30 TAC Chapter 117, SubChapter B 117.303(a)(11)(A)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 1(A) OP

Description: Failure to prevent an exceedance of 100 annual operating hours for P87921 (diesel demineralized water pump) from March 21, 2007 at 0000 to April 15, 2007 at 2359.

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 63, SubChapter C, PT 63, SubPT G 63.114(d)(2)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 1(A) OP
FOP O-01945, SC 21(A) OP
NSR 3179, SC 2 PERMIT

Description: Failure to conduct monthly inspections for car-sealed bypasses to the atmosphere on vent lines V8223, V8228, V8212 (all located in GRPPAUPV3), and V8200 (located in GRPPAUPV4) from December 1, 2006 at 0000 to January 5, 2007 at 0000.

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 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(2)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 1(A) OP

30 TAC Chapter 335, SubChapter C 335.62

Description: Failure to characterize wastewater treatment plant residues carrying the K022 waste code.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter A 335.2(b)

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 305.62

Description: Failure to amend RCRA permit to reflect management of K022 waste.

Viol. Classification: Moderate

Rqmt Prov: PERMIT 1. General b.

Description: discharge of process water to storm water impoundment basins

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 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)

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

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

FOP O-01945, SC 21(A) OP
NSR 3179, SC 20E PERMIT
NSR 3179, SC 21E PERMIT
NSR 3179, SC 3(B) PERMIT

Description: Failure to prevent four open-ended lines: Tag No. 4501333.P in Phenol 2 from November 13, 2006 at 0000 to November 14, 2006 at 0000; tag No. 2961 in the Cumene Unit, and tag nos. 450133 and 450425 in Phenol 2 from February 20, 2007 at 0000 to February 22, 2007 at 0000.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(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 63.181(b)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 1(A) OP
FOP O-01945, SC 21(A) OP
NSR 3179, SC 21(H) PERMIT

Description: Failure to tag the following components: Tag No. 322769 in Phenol 3 on February 8, 2007, and tag no. 950522 in Phenol 3 on March 21, 2007, which constitutes the violation of NSR Permit 3179 SC 21H, 30 TAC 115.354(5), and 40 CFR 63.181(b)(10).

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(3)
30 TAC Chapter 115, SubChapter H 115.725(l)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 1(H)(iii) OP

Description: Failure to prevent a greater than 5% downtime for the East Property Flare CMS (HRVOC analyzer) for CY 2006.

Date: 09/30/2008 (710693) CN601542012

Self Report? YES Classification: Moderate

Citation: 2D TWC Chapter 26, SubChapter A 26.121(a)
30 TAC Chapter 305, SubChapter F 305.125(1)

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

F. Environmental audits.

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: 08/06/2004 (334038)
Disclosure Date: 10/12/2004
Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
30 TAC Chapter 305, SubChapter F 305.125(5)
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: 40 CFR Chapter 261, SubChapter I, PT 261, SubPT A 261.3(b)(2)
30 TAC Chapter 335, SubChapter A 335.1(59)
Description: Failure to characterize a process water stream from a leaking economizer, which contained K022 waste.
Viol. Classification: Moderate
Citation: 40 CFR Chapter 262, SubChapter I, PT 262, SubPT A 262.11(b)
30 TAC Chapter 335, SubChapter R 335.504
30 TAC Chapter 335, SubChapter R 335.511
30 TAC Chapter 335, SubChapter R 335.513

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 (350721)
Disclosure Date: 03/23/2005

Viol. Classification: Moderate
Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(b)
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: 03/02/2005 (375030)
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: 05/22/2006 (454159)
No DOV Associated

Notice of Intent Date: 04/18/2007 (562595)
No DOV Associated

Notice of Intent Date: 08/03/2007 (593493)
No DOV Associated

Notice of Intent Date: 08/24/2007 (594238)
No DOV Associated

Notice of Intent Date: 09/24/2007 (596731)
Disclosure Date: 03/25/2008

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
30 TAC Chapter 305, SubChapter F 305.125(5)

Rqmt Prov: PERMIT 00402

Description: Failure to maintain the storm water sewer line integrity.

Notice of Intent Date: 10/16/2007 (599701)
No DOV Associated

Notice of Intent Date: 10/15/2007 (599713)

No DOV Associated

Notice of Intent Date: 01/11/2008 (616239)
No DOV Associated

Notice of Intent Date: 02/19/2008 (639389)
Disclosure Date: 08/18/2008

Viol. Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
30 TAC Chapter 305, SubChapter F 305.125(5)

Rqmt Prov: PERMIT TPDES 00402

Description: Failure to maintain sewer system integrity. Specifically, 3,550 liner feet of sewer in the oil water system were inspected, and 6 segments totaling 313 liner feet that contained defects requiring repairs.

Notice of Intent Date: 04/08/2008 (654698)
No DOV Associated

Notice of Intent Date: 04/18/2008 (654683)
No DOV Associated

Notice of Intent Date: 05/23/2008 (682189)
No DOV Associated

Notice of Intent Date: 06/17/2008 (686667)
No DOV Associated

Notice of Intent Date: 08/18/2008 (701440)
No DOV Associated

Notice of Intent Date: 09/08/2008 (704658)
No DOV Associated

G. Type of environmental management systems (EMSs).

12/05/2007 12/04/2010 NON 30 TAC CH 90 CERTIFIED ENVIRONMENTAL MANAGEMENT SYSTEM

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

Type	Tier	Certification Date
CLEAN TEXAS PROGRAM		12/20/2004

J. Early compliance.

N/A

Sites Outside of Texas

N/A

Compliance History Report

Customer/Respondent/Owner-Operator:	CN601405145	Shell Chemical LP	Classification: AVERAGE	Rating: 2.29
Regulated Entity:	RN100211879	SHELL OIL DEER PARK	Classification: AVERAGE	Site Rating: 3.43

ID Number(s):

AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0659W
AIR OPERATING PERMITS	PERMIT	1669
AIR OPERATING PERMITS	PERMIT	1668
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	1940
AIR OPERATING PERMITS	PERMIT	1942
AIR OPERATING PERMITS	PERMIT	3179
WASTEWATER	PERMIT	WQ0000402000
WASTEWATER	PERMIT	TPDES0004863
WASTEWATER	PERMIT	TX0004863
WASTEWATER	PERMIT	WQ0000403000
WASTEWATER	PERMIT	TPDES0004871
WASTEWATER	EPA ID	TX0004871
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	76315
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	19849
AIR NEW SOURCE PERMITS	PERMIT	22038
AIR NEW SOURCE PERMITS	EPA ID	PSDTX815

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	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	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	PERMIT	48912
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	54061
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	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	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
AIR NEW SOURCE PERMITS	REGISTRATION	85596
AIR NEW SOURCE PERMITS	REGISTRATION	87183
AIR NEW SOURCE PERMITS	REGISTRATION	84642
AIR NEW SOURCE PERMITS	REGISTRATION	84354
AIR NEW SOURCE PERMITS	REGISTRATION	87174
AIR NEW SOURCE PERMITS	REGISTRATION	84538
AIR NEW SOURCE PERMITS	REGISTRATION	87173
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
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
AIR EMISSIONS INVENTORY	ACCOUNT NUMBER	HG0659W

Location: 5900 HWY 225 E, DEER PARK, TX, 77536

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: January 15, 2009

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: January 15, 2004 to January 15, 2009

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

Name: Miriam Hall Phone: (512) 239-1044

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

   Shell Chemical Company
4. if Yes, who was/were the prior owner(s)? N/A

5. When did the change(s) in ownership occur? 06/10/2004

6. Rating Date: 9/1/2008 Repeat Violator: NO

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: 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
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: 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)
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)
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)
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: 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: 08/15/2008 ADMINORDER 2007-2001-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: No. #21262, Special Condition #1 PERMIT
Description: Failed to prevent unauthorized emissions.

Effective Date: 08/15/2008 ADMINORDER 2008-0079-AIR-E

Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: TCEQ Air Permit No. 3179, SC 6 PERMIT
Description: Shell failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 1,326.72 pounds ("lbs") of VOC were released from the vent stream collection vessel, V-8342., in the Phenol Acetone Unit during an emissions event that which occurred on August 9, 2007 and lasted 12 hours and 17 minutes. Since the emissions event was avoidable, Shell failed to meet the demonstration criteria for an affirmative defense in 30 Tex. Admin. Code 101.222.

Effective Date: 09/22/2008 ADMINORDER 2007-1789-AIR-E

Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: Permit No. 21262, Special Condition #1 PERMIT
Description: Shell failed to prevent an avoidable emissions event.

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 D 382.085(b)
Rqmt Prov: Permit No. 21262, Special Condition #1 PERMIT
Description: Failure to prevent unauthorized emissions.

Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter F 101.221(a)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2)
5C THC Chapter 382, SubChapter D 382.085(b)
Description: Failure to keep a flame present at a flare at all times.

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 D 382.085(b)
Rqmt Prov: Permit No. 21262, Special Condition #1 PERMIT
Description: Failure to prevent unauthorized emissions.

Effective Date: 09/22/2008 ADMINORDER 2007-1472-AIR-E

Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: No.1968, Special Condition #1, MAERT PERMIT
Description: Shell failed to prevent an avoidable emissions event that resulted in the release of a large quantity of VOCs.

Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: Permit No.3214, Special Condition #1 PERMIT
Description: failed to comply with permitted emissions limits.

Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(F)
30 TAC Chapter 101, SubChapter F 101.201(b)(1)(G)
5C THC Chapter 382, SubChapter D 382.085(b)
Description: Failure to list the compound descriptive type for the emissions.

Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
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, Gen Condition 8 PERMIT
Description: failed to comply with permitted emissions limits

Effective Date: 11/06/2008 ADMINORDER 2007-1218-AIR-E

Classification: Moderate

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

Rqmt Prov: Permit No.3173, Special Condition #1 PERMIT

Description: Failure to install the metallurgically correct cap to a pump causing a leak to develop on a pump.

Classification: Moderate

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: No. 9334, Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions.

Classification: Minor

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

Description: Failed to notify the TCEQ Region Office of an emission event within 24 hours.

Effective Date: 11/17/2008 ADMINORDER 2008-0283-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: NSR Permit 3219 and PST-TX-974, MAERT PERMIT

Description: Failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: No. 21262, Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 7,275 lbs of sulfur dioxide, 38.50 lbs of CO, 5.33 lbs of NOx, 77.30 lbs of H2S, 304.3 lbs of volatile organic compounds, and 0.70 lbs of particulate matter were released through the East Property Flare in the Catalytic Cracker Feed Hydrotreater Unit during an emissions event (Incident No. 99227) that occurred on October 24, 2007 and lasted one hour and 50 minutes.

Effective Date: 12/04/2008 ADMINORDER 2008-0635-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: NSR 3173, SC 1 PERMIT
O-01948, SC 13(A) OP

Description: Failed to maintain the VOC MAER of 0.52 lbs per hour at Vent V118 for six hours from April 2, 2007 to August 30, 2007.

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 116.715(c)(7)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: No. 21262, Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions from the East Property Flare on December 16, 2007.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(f)
5C THSC Chapter 382 382.085(b)

Description: Failed to provide information within 14 days of the Additional Information Request dated February 11, 2008.

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 116.715(c)(7)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: No. 21262, Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions from the Coker Flare on February 4, 2008.

Effective Date: 12/04/2008 ADMINORDER 2006-0328-MLM-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 3219 and PSD-TX-974, GC 8 PERMIT
TCEQ Flex Air Permit 21262/PSDTX928, SC1 PERMIT

Description: Shell failed to prevent the unauthorized release of air contaminants into the atmosphere.

Classification: Minor

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

Description: Shell failed to comply with emissions event reporting requirements.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: TCEQ Flexible Air Permit #21262, SC1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
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/PSD-TX-974, G.C. 8 PERMIT

Description: Shell failed to prevent unauthorized emissions.

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. 3179, General Condition 8 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter A 101.20(2)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(2)
5C THSC Chapter 382 382.085(b)

Description: Shell failed to properly seal open-ended lines.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(a)
5C THSC Chapter 382 382.085(b)

Description: Shell failed to monitor new valves which were put into service at the OP-3 unit on a monthly basis.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No. 21262, Special Condition 1 PERMIT
Permit No. 3219, General Condition 8 PERMIT

Description: Shell failed to prevent unauthorized emissions.

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: No. 3219, General Condition 8 PERMIT

Description: Shell failed to prevent unauthorized emissions.

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, General Condition 8 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: No. 21262, SC #1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(c)
5C THSC Chapter 382 382.085(b)
Description: Shell failed to submit an emissions event report within two weeks after the end of the event.

Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
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, GC 8 PERMIT
Description: Shell failed to prevent unauthorized emissions.

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 3179, General Condition 8 PERMIT
Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(a)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: Permit No. 2162/PSDTX 928, S.C. 1 PERMIT
Description: Shell failed to prevent unauthorized emissions.

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: Permit No. 21262/PSD-TX-928, S.C. 1 PERMIT
Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: #21262, Special Condition #1 PERMIT
Description: Shell failed to prevent unauthorized emissions.

Classification: Major
Citation: 30 TAC Chapter 335, SubChapter H 335.221(a)(6)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.102(e)(3)(i)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.102(e)(7)(ii)
Rqmt Prov: Permit 50099, Provision V.1.2.b. PERMIT
Description: 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.

Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: #21262, Special Condition #1 PERMIT
Description: Shell failed to prevent unauthorized emissions.

Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(8)
5C THSC Chapter 382 382.085(b)
Description: 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.

Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: Permit No.21262, Special Condition No. 1 PERMIT
Description: Shell failed to prevent unauthorized emissions.

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 D 382.085(b)
Rqmt Prov: Permit No. 21262/PSD-TX-928, S.C. No. 1 PERMIT
Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
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/ PSD-TX-974, G.C. 8 PERMIT
Description: Shell failed to comply with the permitted emission limits.
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: Permit No. 3173, Special Condition 13 PERMIT
Description: Shell failed to comply with the permitted emission limits.
Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)
5C THSC Chapter 382 382.085(b)
Description: 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.
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: Permit No.3178, Special Condition No.1 PERMIT
Description: Shell failed to comply with the permitted emission limits.
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: Permit No.21262, Special Condition No. 1 PERMIT
Description: Shell failed to prevent an unauthorized emissions.
Classification: Moderate

Citation: 30 TAC Chapter 112, SubChapter A 112.3(b)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: TCEQ Flexible Air Permit No. 21262, SC1 PERMIT
Description: Shell failed to prevent an avoidable emissions event.

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	01/21/2004	(252556)
2	01/28/2004	(261052)
3	02/23/2004	(248995)
4	02/23/2004	(432673)
5	03/31/2004	(260311)
6	04/16/2004	(256199)
7	05/19/2004	(256196)
8	05/25/2004	(266874)
9	05/25/2004	(268601)
10	05/26/2004	(273578)
11	06/03/2004	(270210)
12	06/09/2004	(272409)
13	06/18/2004	(270854)
14	06/18/2004	(271341)
15	07/14/2004	(260134)
16	08/11/2004	(287399)
17	08/11/2004	(287418)
18	08/11/2004	(288458)
19	08/11/2004	(288745)
20	08/16/2004	(279239)
21	08/16/2004	(279252)
22	08/31/2004	(267451)

23	08/31/2004	(268068)
24	08/31/2004	(272715)
25	08/31/2004	(292677)
26	09/07/2004	(292099)
27	09/30/2004	(287575)
28	11/11/2004	(289756)
29	11/12/2004	(288819)
30	11/12/2004	(290146)
31	11/22/2004	(285617)
32	11/29/2004	(339553)
33	12/05/2004	(268602)
34	12/10/2004	(338725)
35	12/11/2004	(341292)
36	12/11/2004	(342406)
37	12/11/2004	(342558)
38	12/14/2004	(341177)
39	12/14/2004	(342547)
40	12/17/2004	(339115)
41	12/21/2004	(342546)
42	12/28/2004	(290091)
43	12/28/2004	(338893)
44	12/29/2004	(342425)
45	12/30/2004	(342431)
46	12/30/2004	(344374)
47	12/30/2004	(344491)
48	01/04/2005	(285114)
49	01/04/2005	(288475)
50	01/04/2005	(288902)
51	01/04/2005	(293105)
52	01/04/2005	(342600)
53	01/05/2005	(288541)
54	01/05/2005	(289527)
55	01/06/2005	(289146)
56	01/06/2005	(344370)
57	01/06/2005	(344373)
58	01/07/2005	(288436)
59	01/09/2005	(289381)
60	01/10/2005	(279219)
61	01/10/2005	(286434)
62	01/10/2005	(287676)
63	01/26/2005	(342583)
64	01/31/2005	(342585)
65	02/01/2005	(342419)
66	02/22/2005	(350798)
67	02/23/2005	(371820)
68	04/01/2005	(346780)
69	04/29/2005	(344372)
70	05/03/2005	(373899)
71	05/09/2005	(378729)
72	05/25/2005	(380203)
73	06/17/2005	(392662)
74	06/28/2005	(394944)
75	07/06/2005	(398907)
76	07/13/2005	(374690)
77	07/18/2005	(379933)
78	07/18/2005	(379934)
79	07/20/2005	(400891)
80	07/21/2005	(400399)
81	07/28/2005	(379300)

82	08/02/2005	(400361)
83	08/03/2005	(399624)
84	08/05/2005	(341194)
85	08/05/2005	(341195)
86	08/05/2005	(341198)
87	08/05/2005	(341200)
88	08/05/2005	(341201)
89	08/10/2005	(403710)
90	08/15/2005	(453221)
91	08/16/2005	(404327)
92	08/16/2005	(404329)
93	08/18/2005	(404406)
94	08/22/2005	(400922)
95	08/23/2005	(401945)
96	08/23/2005	(404915)
97	08/25/2005	(405926)
98	08/30/2005	(401403)
99	09/28/2005	(431096)
100	10/04/2005	(405964)
101	10/05/2005	(406803)
102	10/05/2005	(407310)
103	10/05/2005	(431095)
104	10/05/2005	(431097)
105	10/10/2005	(406428)
106	10/26/2005	(433389)
107	10/28/2005	(405406)
108	11/03/2005	(431819)
109	11/04/2005	(431796)
110	11/04/2005	(431865)
111	11/14/2005	(371956)
112	11/23/2005	(433921)
113	11/28/2005	(437043)
114	11/30/2005	(437117)
115	12/16/2005	(451110)
116	01/24/2006	(451885)
117	02/16/2006	(454090)
118	02/21/2006	(454835)
119	02/21/2006	(455170)
120	02/23/2006	(439108)
121	02/23/2006	(455872)
122	02/23/2006	(455897)
123	02/24/2006	(438342)
124	02/25/2006	(456944)
125	02/25/2006	(457085)
126	02/27/2006	(456661)
127	02/27/2006	(457162)
128	02/28/2006	(457143)
129	02/28/2006	(457152)
130	03/03/2006	(455540)
131	03/09/2006	(457675)
132	03/15/2006	(458469)
133	03/17/2006	(451544)
134	03/20/2006	(431859)
135	03/20/2006	(571632)
136	03/23/2006	(290016)
137	03/28/2006	(405965)
138	04/03/2006	(455004)
139	04/24/2006	(449499)
140	04/25/2006	(449838)

141	04/26/2006	(455005)
142	04/27/2006	(440023)
143	04/28/2006	(462216)
144	05/10/2006	(266908)
145	05/10/2006	(268067)
146	05/12/2006	(461088)
147	05/17/2006	(461235)
148	05/17/2006	(466235)
149	05/26/2006	(460095)
150	05/26/2006	(460156)
151	05/26/2006	(460174)
152	05/26/2006	(460637)
153	05/30/2006	(459416)
154	05/30/2006	(460198)
155	05/31/2006	(455293)
156	05/31/2006	(480622)
157	06/12/2006	(455296)
158	06/13/2006	(457735)
159	06/14/2006	(480612)
160	06/15/2006	(449850)
161	06/21/2006	(467546)
162	06/23/2006	(467329)
163	06/23/2006	(467537)
164	06/28/2006	(467525)
165	06/30/2006	(463111)
166	06/30/2006	(466561)
167	07/10/2006	(482757)
168	07/11/2006	(482407)
169	07/11/2006	(482755)
170	07/11/2006	(482760)
171	07/14/2006	(467608)
172	07/26/2006	(487301)
173	07/27/2006	(486448)
174	07/31/2006	(482753)
175	08/08/2006	(482747)
176	08/14/2006	(480383)
177	08/16/2006	(392732)
178	08/18/2006	(457259)
179	08/18/2006	(457480)
180	08/23/2006	(457432)
181	08/28/2006	(479997)
182	08/29/2006	(479999)
183	08/30/2006	(509636)
184	08/31/2006	(457283)
185	09/07/2006	(510326)
186	09/29/2006	(487313)
187	10/04/2006	(510017)
188	10/04/2006	(512388)
189	10/05/2006	(510021)
190	10/05/2006	(512392)
191	10/05/2006	(512393)
192	10/13/2006	(510023)
193	10/26/2006	(512394)
194	10/27/2006	(515112)
195	10/31/2006	(343595)
196	10/31/2006	(509694)
197	10/31/2006	(513138)
198	11/03/2006	(513228)
199	11/03/2006	(513328)

200	11/06/2006	(515706)
201	11/16/2006	(512687)
202	11/21/2006	(517284)
203	11/30/2006	(379581)
204	12/07/2006	(487985)
205	12/07/2006	(488004)
206	12/07/2006	(488023)
207	12/07/2006	(488025)
208	12/15/2006	(508968)
209	12/21/2006	(534053)
210	12/29/2006	(343599)
211	01/19/2007	(531892)
212	01/31/2007	(537439)
213	01/31/2007	(538659)
214	02/17/2007	(532455)
215	02/20/2007	(457345)
216	02/23/2007	(532452)
217	02/23/2007	(532463)
218	02/27/2007	(532471)
219	03/01/2007	(509707)
220	03/05/2007	(406521)
221	04/12/2007	(554202)
222	04/25/2007	(532459)
223	04/25/2007	(542681)
224	04/26/2007	(541475)
225	04/30/2007	(542592)
226	04/30/2007	(542683)
227	05/07/2007	(537121)
228	05/08/2007	(542690)
229	05/09/2007	(467500)
230	05/14/2007	(542697)
231	05/18/2007	(542652)
232	05/29/2007	(559183)
233	05/30/2007	(560809)
234	06/25/2007	(563779)
235	06/25/2007	(564308)
236	06/27/2007	(564822)
237	06/27/2007	(564828)
238	07/06/2007	(565610)
239	07/10/2007	(565422)
240	08/01/2007	(567841)
241	08/03/2007	(568522)
242	08/13/2007	(571026)
243	08/14/2007	(567884)
244	08/15/2007	(571883)
245	08/17/2007	(571025)
246	09/18/2007	(571877)
247	09/19/2007	(572770)
248	10/12/2007	(560777)
249	10/16/2007	(593594)
250	10/25/2007	(596852)
251	11/06/2007	(565492)
252	11/06/2007	(593367)
253	11/15/2007	(597891)
254	11/15/2007	(597968)
255	11/19/2007	(572257)
256	11/19/2007	(599691)
257	11/27/2007	(597446)
258	11/30/2007	(601276)

259	11/30/2007	(608138)
260	12/04/2007	(600886)
261	12/20/2007	(610419)
262	01/07/2008	(598077)
263	01/17/2008	(599615)
264	01/17/2008	(599668)
265	01/17/2008	(599822)
266	01/17/2008	(600635)
267	01/22/2008	(613355)
268	01/25/2008	(597769)
269	01/25/2008	(615280)
270	01/25/2008	(615969)
271	01/25/2008	(615999)
272	01/28/2008	(616080)
273	01/28/2008	(616082)
274	02/01/2008	(607448)
275	02/01/2008	(613923)
276	02/01/2008	(614301)
277	02/01/2008	(614303)
278	02/01/2008	(615075)
279	02/04/2008	(614031)
280	02/05/2008	(610680)
281	02/13/2008	(616505)
282	03/07/2008	(612807)
283	03/10/2008	(617388)
284	03/12/2008	(637217)
285	03/24/2008	(616741)
286	03/24/2008	(638443)
287	03/28/2008	(600448)
288	03/31/2008	(610634)
289	04/09/2008	(610636)
290	04/11/2008	(610638)
291	04/11/2008	(637073)
292	04/21/2008	(639674)
293	04/22/2008	(653495)
294	05/02/2008	(650560)
295	05/20/2008	(654015)
296	05/20/2008	(654943)
297	05/23/2008	(637956)
298	05/23/2008	(638051)
299	05/23/2008	(654353)
300	06/06/2008	(654842)
301	06/10/2008	(671393)
302	06/18/2008	(683279)
303	06/30/2008	(600450)
304	07/11/2008	(685564)
305	07/17/2008	(656863)
306	07/17/2008	(686593)
307	07/23/2008	(683726)
308	07/24/2008	(682501)
309	08/14/2008	(686729)
310	08/19/2008	(689497)
311	08/22/2008	(699629)
312	08/31/2008	(637068)
313	08/31/2008	(637076)
314	09/05/2008	(700024)
315	10/09/2008	(703510)
316	10/16/2008	(704306)
317	10/23/2008	(682549)

318 10/27/2008 (706455)
319 10/27/2008 (706540)
320 11/03/2008 (700060)
321 11/03/2008 (701753)
322 11/24/2008 (641389)
323 11/24/2008 (684019)
324 12/04/2008 (565248)
325 12/04/2008 (709362)
326 12/04/2008 (709367)
327 12/12/2008 (721015)
328 12/30/2008 (705857)
329 01/09/2009 (723179)

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

Date: 01/21/2004 (252556) CN601405145
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
TCEQ AIR PERMIT #21262, SC #1 PERMIT
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: 07/13/2004 (260134) CN601405145
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)
TCEQ AIR PERMIT #920, SC #1 PERMIT
Description: Failure to report an emissions event in a timely manner.

Date: 08/31/2004 (272715) CN601405145
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)
No. 3219 and PSD-TX-974, GC #8 PERMIT
Description: Failure to operate within the permit limits.

Date: 08/31/2004 (267451) CN601405145
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
No. 21262 and PSD-TX-928 PERMIT
Description: Failure to prevent unauthorized emissions.

Date: 11/22/2004 (285617) CN601405145
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)
No. 3219 and PSD-TX-974, GC #8 PERMIT
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: 12/28/2004 (290091) CN601405145
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)
No. 3219 and PSD-TX-974, GC #8 PERMIT
Description: Failure to avoid loss of cooling in the PRC surface condensate system.

Date: 12/30/2004 (344491) CN601405145
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)

Permit #21262/PSD-TX-928, SC#1 PA
Description: Failure to control emissions.
Date: 12/30/2004 (344374) CN601405145
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)
Permit #s:21262,PSD-TX-928, SC #1 PA
Description: Failure to Control Emissions
Date: 01/04/2005 (342600) CN601405145
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)
No. 3219 and PSD-TX-974, GC # 8 PERMIT
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) CN601405145
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
No. 21262 and PSD-TX-928 PERMIT
Description: Exceeded permit limits during an avoidable emissions event.
Date: 01/09/2005 (289381) CN601405145
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)
TCEQ Air Permit #3219 and PSD-TX-974 PERMIT
Description: Exceeded permit limits during an avoidable emissions event.
Date: 04/29/2005 (344372) CN601405145
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failure to control emissions.
Date: 06/20/2005 (395120) CN601405145
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)
No. 9334, Gen. Condition #8 PERMIT
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: 08/17/2005 (404327) CN601405145
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) CN601405145
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: 02/23/2006 (439108) CN601405145
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
3219 AND PSD-TX-974 PA

5C THC Chapter 382, SubChapter A 382.085(b)
Description: Exceeded permit limits during an avoidable emissions event.
Date: 02/27/2006 (438342) CN601405145
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) CN601405145
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
NSR Permit #3173, Special Condition #1 PA
Description: Failure to control unauthorized emissions for Incident #64365.
Date: 05/17/2006 (461235) CN601405145
Self Report? NO Classification: Moderate
Citation: 1946, Special Condition 15H OP
1946, Special Condition 1A OP
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)
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: 1668, Special Condition 1A OP
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)
Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and OP3GRFLA.
Self Report? NO Classification: Moderate
Citation: 1668, Special Condition 1A OP
30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
3219, Special Conditions 5 and 6 PERMIT
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Operation of Flares OP2ELFLA, OP3ELFLA and OP3GRFLA with visible emissions .

Self Report? NO Classification: Minor
Citation: 1946, Special Condition 1A OP
1946, Special Condition 21 OP
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)
3216, Special Condition 6E PERMIT
3218, Special Condition 8E PERMIT
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Nine OELs in HT2; 2 OELs in CIPX
Self Report? NO Classification: Minor
Citation: 18576, Special Condition 7E PERMIT
1946, Special Condition 1A OP
1946, Special Condition 21 OP
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)
Description: Failure to seal 18 OELs in IRU.
Self Report? NO Classification: Minor
Citation: 1946, Special Condition 1A OP

1946, Special Condition 21 OP
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)
3217, Special Condition 3E PERMIT
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)

Description: Failure to seal OELs in BD3.

Self Report? NO Classification: Moderate

Citation: 1946, Special Condition 21 OP
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
3216, Special Condition 1 PERMIT
3216, Special Condition 5 PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)

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

Self Report? NO Classification: Moderate

Citation: 1946, Special Condition 21 OP
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
3216, Special Conditions 1 and 4 PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)

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

Date: 05/31/2006 (455293) CN601405145

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)
No. 3219 and PSD-TX-974 MAERT PERMIT

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

Date: 06/15/2006 (457735) CN601405145

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)
9334 MAERT PERMIT

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: 06/28/2006 (467525) CN601405145

Self Report? NO Classification: Moderate

Citation: #21262, Special Condition #1 PERMIT
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to prevent overpressure of Secondary Debutanizer Column, V-613.

Date: 07/14/2006 (467608) CN601405145

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)
No 3219 MAERT PERMIT

Description: Failure to prevent unauthorized emissions during decoking of furnace FOL170.

Date: 08/18/2006 (457259) CN601405145

Self Report? NO Classification: Minor

Citation: 266, SC 7E PERMIT
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)
3985A, SC 7E PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)
O-01947, Special Condition 13 OP
O-01947, Special Condition 1A OP

Description: 3 OELs in SITEFE and 1 OEL in WRACKFE

Date: 08/23/2006 (457432) CN601405145

Self Report? NO Classification: Minor

Citation: 1948, Special Condition 1A OP

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)

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:
1948, Special Condition 13 OP
1948, Special Condition 1A OP
19849, Special Condition 11E PERMIT
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)

Description: 10 OELs in MPLANTFE

Self Report? NO Classification: Minor

Citation:
1948, Special Condition 13 OP
1948, Special Condition 1A OP
1968, Special Condition 3E PERMIT
19849, Special Condition 11E PERMIT
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)
3173, Special Condition 6E PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)

Description: 5 OELs in LPGFE; 15 OELs in IPAFINFE; 8 OELs in IPACRUFE; 1 OEL in HPLANTFE

Self Report? NO Classification: Minor

Citation:
1948, Special Condition 13 OP
1948, Special Condition 1A OP
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)
3173, Special Condition 6F PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to monitor Valve Tag No. 301622 in IPAFINFE during the first quarter of 2005

Self Report? NO Classification: Minor

Citation:
1948, Special Condition 13 OP
19849, Special Condition 7D PERMIT
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)

Description: Failure to inspect Tank T667B by the due date of March 2005

Self Report? NO Classification: Moderate

Citation:
1948, Special Condition 13 OP
30 TAC Chapter 106, SubChapter K 106.261(a)(2)
30 TAC Chapter 122, SubChapter B 122.143(4)
3173, Special Condition 1 PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)

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:
1948, Special Condition 1H(iv) OP
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)

Description: Failure to repair Component No. 200706 in IPACRUFE within seven days

Self Report? NO Classification: Minor

Citation:
1948, Special Condition 1A OP
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)

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) CN601405145

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)
3219, Special Condition 2I PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)
O-1668, Special Condition 15 OP
O-1668, Special Condition 1H(v) OP

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)
3219, Special Condition 2E PERMIT
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
O-1668, Special Condition 15 OP
O-1668, Special Condition 1A OP

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)
3214, Special Condition 5E PERMIT
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
O-1668, Special Condition 15 OP
O-1668, Special Condition 1A OP

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)
3214, Special Condition 5E PERMIT
3219, Special Condition 2E PERMIT
40 CFR Chapter 63, SubChapter C, PT 63, SubPT UU 63.1033(b)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
O-1668, Special Condition 15 OP
O-1668, Special Condition 1A OP

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)
3219, Maximum Allowable Emission Rates PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)
O-1668, Special Condition 15 OP

Description: Exceedance of VOC MAER in tpy for the Olefins Flare System

Date: 08/29/2006 (479999) CN601405145

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)
9334, Special Condition 15E PERMIT
O-1943, Special Condition 17 OP
O-1943, Special Condition 1A OP

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)

9334, Special Condition 7 PERMIT
O-1943, Special Condition 17 OP

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)
O-1943, Special Condition 1A OP

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)
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)
9334, Special Condition 8 PERMIT
O-1943, Special Condition 17 OP

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)
9334, Special Condition 10D PERMIT
O-1943, Special Condition 17 OP

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)
9334, Special Condition 10D PERMIT
O-1943, Special Condition 17 OP
O-1943, Special Condition 1A OP

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) CN601405145

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
48912, Special Condition 5 PERMIT
5C THC Chapter 382, SubChapter A 382.085(b)
O-2108, Special Condition 15 OP

Description: Failure to analyze wastewater for isobutyraldehyde

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.132(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
O-2108, Special Condition 1A OP

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)
O-2108, Special Condition 1A OP

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)
O-2108, Special Condition 1A OP

Description: Failure to monitor the presence of the pilot flame on the A&S Flare, EPN A1301

Date: 11/03/2006 (513328) CN601405145

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) CN601405145

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)
FOP #O-01669, Special Condition #1A OP

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)
FOP #O-01669, Special Condition #1A OP
FOP #O-01669, Special Condition #1D OP

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) CN601405145

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)
FOP O-01946, Special Condition 1A OP
FOP O-01946, Special Condition 1M(iv) OP
FOP O-01946, Special Condition 21 OP
NSR #18576, Special Condition 7H PA
NSR #3216, Special Condition 6H PA
NSR #3217, Special Condition 3H PA

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)
FOP # O-01946, Special Condition 1A OP
FOP #O-01946, Special Condition 21 OP
NSR 3216, Special Condition 2 PA
NSR 3218, Special Condition 2 PA

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)
FOP O-01946, Special Condition 1A OP
FOP O-01946, Special Condition 1M(iv) OP
FOP O-01946, Special Condition 21 OP
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 PA

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)
FOP O-01946, Special Condition 21 OP
NSR Permit 3216, Special Condition 5 PA

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)
FOP O-01946, Special Condition 1A OP
FOP O-01946, Special Condition 21 OP
NSR Permit 3219, Special Condition 4 PA

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)
FOP O-01946, Special Condition 21 OP
NSR Permit 3216, Special Condition 1 PA

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)
FOP O-01946, Special Condition 1M(ii) OP

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)
FOP O-01946, Special Condition 1M(ii) OP

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)
FOP O-01946, Special Condition 1A OP

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)
FOP O-01946, Special Condition 28 OP

Description: Failure to provide chemical process training to refinery personnel per by 40 CFR 68.73(c).

Date: 02/27/2007 (532471) CN601405145

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.146(2)
5C THC Chapter 382, SubChapter A 382.085(b)
FOP #O-01947, General Terms & Conditions OP

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)
FOP #O-01947, General Terms & Conditions OP

Description: Failure to submit a Deviation report within 30 days as required.

Date: 05/14/2007 (542697) CN601405145

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.211(a)

Description: Failure to submit the initial notification ten days prior or as soon as practicable for a major turnaround.

Date: 08/29/2007 (543555) CN601405145

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.145(2)(C)
30 TAC Chapter 122, SubChapter B 122.146(2)
5C THC Chapter 382, SubChapter D 382.085(b)
Title V O-01669,General Terms/Condition OP

Description: failed to submit a permit compliance certification and a deviation report in a timely manner.

Date: 02/05/2008 (610680) CN601405145

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 63, SubChapter C, PT 63, SubPT H 63.162(f)(1)
5C THSC Chapter 382 382.085(b)
NSR 18576, Special Condition 7H PERMIT
NSR 3217, Special Condition 3H PERMIT
O-01946 Special Conditions 1M(iv) OP
O-01946 Special Conditons 1A OP

Description: Failure to affix and maintain leaking component tags on Leak Detection and Repair components.

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 THSC Chapter 382 382.085(b)
NSR 3216, Special Condition 2 PERMIT
NSR 3218, Special Condition 2 PERMIT
O-01946 Special Condition 1A OP
O-01946 Special Condition 21 OP

Description: Failure to affix permanent identification tags on 76 LDAR components.

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 THSC Chapter 382 382.085(b)
NSR 18576, Special Condition 7E PERMIT
NSR 3216, Special Condition 6E PERMIT
NSR 3217, Special Condition 3E PERMIT
NSR 3218, Special Condition 8E PERMIT
O-01946 Special Condition 1A OP
O-01946 Special Condition 1M(iv) OP
O-01946 Special Condition 21 OP

Description: Failure to seal open-ended valves or lines with a cap, blind flange, plug, or a second valve. (CATEGORY C10 violation)

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 THSC Chapter 382 382.085(b)
O-01946 Special Condition 1M(ii) OP

Description: Failure to stay below the maximum operating limit for vents in HRVOC service.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.725(c)(3)(D)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01946 Special Condition 1M(ii) OP

Description: Failure to meet HRVOC monitoring/recordkeeping requirements.

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 THSC Chapter 382 382.085(b)
NSR 3216, Special Condition 11C PERMIT
O-01946 Special Condition 21 OP

Description: Failure to continuously monitor and record the H2S concentration on the fuel gas on analyzer AI104 at the OP-2 fuel blend drum.

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 THSC Chapter 382 382.085(b)
O-01946 Special Condition 21 OP
Special Condition 11B PERMIT

Description: Failure to continuously monitor the Gross Heating Value (GHV) measurement of the fuel gas.

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 THSC Chapter 382 382.085(b)
NSR 3216, Special Condition 5 PERMIT
O-01946 Special Condition 21 OP

Description: Failure to monitor the firing rate of the FOL602 furnace for 79 hours during the semi-annual deviation reporting period 8/24/2006 through 2/23/2007.

Date: 03/10/2008 (617388) CN601405145

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.223(a)(1)

Description: Shell failed to submit a Corrective Action Plan (CAP) in a timely manner.

Date: 04/01/2008 (610634) CN601405145

Self Report? NO Classification: Moderate

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 I 61.112(a)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THSC Chapter 382 382.085(b)
NSR 3214, SC 5(E) PERMIT

NSR 3214, SC 6(E) PERMIT
NSR 3219, SC 2(E) PERMIT
NSR 3219, SC 8 PERMIT
O-01668, SC 1(A) OP
O-01668, SC 1(H)(v) OP
O-01668, SC 15(A) OP

Description: Failure to seal eighty-eight (88) open-ended lines (OEL's) from August 24, 2006 to June 28, 2007: 42 OEL's in LO3FUG, 23 OEL's in PY3FUG, and 23 OEL's in OP2FUG.

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 I 61.112(a)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.246(b)(1)
5C THSC Chapter 382 382.085(b)
NSR 3214, SC 5(H) PERMIT
NSR 3214, SC 6(H) PERMIT
NSR 3219, SC 2(H) PERMIT
NSR 3219, SC 8 PERMIT
O-01668, SC 1(A) OP
O-01668, SC 1(H)(v) OP
O-01668, SC 15(A) OP

Description: Failure to tag seventeen (17) leaking components: 14 components in OP2FUG and 3 components in LO3FUG from September 21, 2006 to June 25, 2007.

Self Report? NO Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter H 115.782(b)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01668, SC 1(H)(v) OP

Description: Failure to repair valve 76372A within 7 days.

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 THSC Chapter 382 382.085(b)
NSR 56496, GC 8 PERMIT
NSR 56496, SC 1 PERMIT
O-01668, SC 15(A) OP

Description: Failure to stay at or below the 18.37 lb/hr NOx limit, August 24, 2006 at 0000 to February 23, 2007 at 2300, for FOL-700 (79 block hrs for 179 lbs excess NOx) and FOL-710 (22 block hrs for 25 lbs excess NOx).

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 THSC Chapter 382 382.085(b)
NSR 56496, SC 5 PERMIT
O-01668, SC 15(A) OP

Description: Failure to stay at or below the 0.12 lb/MMBtu NOx limit for FOL-700 (118 days exceeded limit) and FOL-710 (39 days exceeded limit), from August 24, 2006 at 0000 to February 23, 2007 at 2300 and from February 24, 2007 at 0000 to August 23, 2007 at 2300 and to stay at or below the 0.10 lb/MMBtu NOx annual limit for calendar year 2006 for FOL-700 and FOL-710.

Self Report? NO Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter B 115.136(a)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01668, SC 1(A) OP

Description: Failure to collect required daily samples for LO3CPI from October 24, 2006 at 0000 to November 30, 2006 at 2300.

Self Report? NO Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter H 115.764(a)(6)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01668, SC 1(H)(iv) OP

Description: Failure to collect samples when the HRVOC monitor was down more than 24 hrs

for OP3CWT and OP2CWT (OP3CWT missed 2 samples, OP2CWT-North riser missed 2 samples, and OP2CWT-South riser missed 1 sample) from August 24, 2006 at 0000 to February 23, 2007 at 2300.

Self Report? NO Classification: Moderate

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(c)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)
5C THSC Chapter 382 382.085(b)
NSR 3219, SC 16 PERMIT
NSR 3219, SC 5 PERMIT
O-01668, SC 1(A) OP
O-01668, SC 15(A) OP

Description: Failure to verify the presence of pilot flame for 8 block hrs (invalid data or signal indicated loss of pilot and the operator logs to indicate if pilot was indeed lit were not completed) for OP2 ELFLA on February 27, 2007 from 0100 to 0900.

Self Report? NO Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter H 115.725(d)(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01668, SC 1(H)(ii) OP

Description: Failure to collect samples when the HRVOC monitor was down for more than 8 hrs for OP3ELFLA (9 samples missed), OP2ELFLA (8 samples missed), OP3GRFLA (7 samples missed) from August 24, 2006 at 0000 to February 23, 2007 at 2300 and from February 24, 2007 at 0000 to August 23, 2007 at 2300.

Self Report? NO Classification: Moderate

Citation:
30 TAC Chapter 115, SubChapter H 115.722(c)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01668, SC 1(H)(ii) OP

Description: Failure to prevent two exceedances of the site-wide HRVOC limit of 1200 lb/hr, as reported in STEERS 86796 and STEERS 90699 on February 01, 2007 from 2200 to 2300 and on May 03, 2007 from 0200 to 0600.

Self Report? NO Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter H 115.725(d)(3)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01668, SC 1(H)(ii) OP

Description: Failure to prevent CMS downtimes greater than 5% (OP3ELFLA (up time of 93.3%), OP2ELFLA (up time of 86.3%), and OP2GRFLA (up time of 93.7%), for calendar year 2006.

Self Report? NO Classification: Moderate

Citation:
30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter C 122.210(a)
5C THSC Chapter 382 382.085(b)
O-01668, SC 15(B) OP

Description: Failure to include all authorizations in Federal Operating Permit (FOP) O-01668, issued October 18, 2004 and amended February 1, 2006.

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 60.113b(b)(1)(i)
5C THSC Chapter 382 382.085(b)
O-01668, SC 1(A) OP

Description: Failure to conduct physical measurements (every 5 years at least) on the primary seal of Tank AP-19.

Date: 04/09/2008 (639062) CN601405145

Self Report? NO Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter B 115.114(a)(1)
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 Kb 60.113b(a)(2)
5C THSC Chapter 382 382.085(b)
NSR 3173, SC 3 PERMIT
NSR 3173, SC 8(D) PERMIT
NSR 3985A, SC 8(D) PERMIT
NSR19849, SC 7(D) PERMIT

O-01948, SC 1(A) OP
O-01948, SC 13(A) OP

Description: Failure to perform annual visual internal floating roof (IFR) inspections in OXYSOLVTANK in a timely manner.

Self Report? NO Classification: Moderate

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 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
5C THSC Chapter 382 382.085(b)
NSR 1968, SC 3(E) PERMIT
NSR 19849, SC 11(E) PERMIT
NSR 19849, SC 13 PERMIT
NSR 19849, SC 14 PERMIT
NSR 3173, SC 6(E) PERMIT
O-01948, 13(A) OP
O-01948, SC 1(A) OP
O-01948, SC 1(H)(iv) OP

Description: Failure to seal open-ended lines.

Self Report? NO Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter D 115.352(1)(A)
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 THSC Chapter 382 382.085(b)
NSR 3173, SC 6(I) PERMIT
O-01948, SC 1(A) OP
O-01948, SC 1(H)(iv) OP
O-01948, SC 13(A) OP

Description: Failure to repair connector 702527 in IPACRUFE (in HRVOC service) within 15 days

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)
5C THSC Chapter 382 382.085(b)
NSR 3173, SC 6(H) PERMIT
O-01948, SC 1(A) OP
O-01948, SC 1(H)(iv) OP
O-01948, SC 13(A) OP

Description: Failure to tag two components, 201566.1 and 201589.P, on June 18, 2007.

Self Report? NO Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter H 115.725(d)(3)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01948, SC 1(H)(ii) OP

Description: Failure to prevent CMS downtimes greater than 5% for the A&S Flare CMS (HRVOC analyzer).

Self Report? NO Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter H 115.725(d)(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01948, SC 1(H)(ii) OP

Description: Failure to collect samples when the HRVOC monitor went off-line for more than 8 hours for the HIPA flare and the A&S flare.

Self Report? NO Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter H 115.764(a)(6)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01948, SC 1(H)(iii) OP

Description: Failure to collect samples when the HRVOC analyzer to CWT-1D went off-line for more than 24 hours.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(c)(3)(D)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01948, SC 1(H)(ii) OP

Description: Failure to timely conduct quarterly CMS (HRVOC analyzer) inspections for SOLV PRV's & Vents.

Date: 04/11/2008 (637073) CN601405145

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.722(c)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01947, SC 1(H)(iii) OP

Description: Failure to prevent an exceedance of the site-wide HRVOC limit of 1200 lb/hr, as reported in STEERS 98777 on October 15, 2007 from 1400 to 1500.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(c)(3)(D)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01947, SC 1(H)(ii) OP

Description: Failure to timely conduct quarterly CMS (HRVOC analyzer) inspections for Distribution, from October 16, 2006 to March 31, 2007.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-01947, SC 1(H)(ii) OP

Description: Failure to timely collect samples when the HRVOC monitor went off-line for more than 8 hours for the A&S flare.

Date: 04/11/2008 (610638) CN601405145

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)
5C THSC Chapter 382 382.085(b)
O-02108, SC 1(A) OP
O-02108, SC 15(A) OP
Permit 19849, SC 11(E) PERMIT

Description: Failure to seal three (3) open-ended lines (OEL's) from March 20, 2007 to March 30, 2007 in ENVSOFLR1 (tag nos. 188.P, 185, and 188).

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-02108, SC 1(A) OP

Description: Failure to tag one component, tag no. 185, in ENVSOFLR1 from November 13, 2006 to November 14, 2006.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.136(a)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-02108, SC 1(A) OP

Description: Failure to collect the required daily sample for the API vapor pressure from GRPAPI on January 13, 2007.

Date: 09/02/2008 (637076) CN601405145

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.146(2)
5C THSC Chapter 382 382.085(b)
FOP O-01945, General Terms & Conditions OP

Description: Failure to submit the Annual Compliance Certification (ACC) report for the certification period April 15, 2006 through October 15, 2007 within 30 days.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.145(2)(C)
5C THSC Chapter 382 382.085(b)
FOP O-01945, General Terms & Conditions OP

Description: Failure to submit the second semi-annual deviation report for the period April 16, 2007 through October 15, 2007 within 30 days.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.116(b)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 21 OP
NSR 3179, GC 1 PERMIT

Description: Failure to maintain maximum vapor pressures from Tanks T-665, G-330, G331, D-402, D-403, and EX-80 from October 16, 2006 at 0000 to April 15, 2007 at 2359.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter B 116.116(b)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 21(A) OP
NSR 3179, GC 1 PERMIT
NSR 3179, SC 10 PERMIT

Description: Failure to maintain the maximum pumping rate for Tank D-402 on February 8, 2007 from 1100 to 1300 and Tank D-392 on September 19, 2007 from 1700 to 1800.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.122(a)(2)
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 G 63.113(a)(2)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 1(A) OP
NSR 3179, SC 2 PERMIT

Description: Failure to maintain the maximum three-hour volatile organic compound (VOC) average limit of 20 ppm for H-9200 from May 1, 2007 at 0000 to October 17, 2007 at 1700.

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 THSC Chapter 382 382.085(b)
FOP O-01945, SC 21(A) OP
NSR 3179, SC 13 PERMIT

Description: Failure to maintain a minimum scrubber stream factor from V8342 to H-9200 of 98% on a twelve-month basis from October 16, 2006 at 0000 to April 15, 2007 at 2359 and from April 16, 2007 at 0000 to June 30, 2007 at 2359.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter C 122.210(a)
5C THSC Chapter 382 382.085(b)

Description: Failure to include in the Federal Operating Permit, vent gas stream collection vessel V8342.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 1(H)(ii) OP

Description: Failure to collect samples or collect timely samples when the HRVOC monitor was down for more than 8 hrs for the East Property Flare from November 8, 2006 at 1800 July 12, 2007 at 2050, and the Temporary Flare from March 2, 2007 at 2200 to March 3, 2007 at 0800.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.303(a)(11)(A)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 1(A) OP

Description: Failure to prevent an exceedance of 100 annual operating hours for P87921 (diesel demineralized water pump) from March 21, 2007 at 0000 to April 15, 2007 at 2359.

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 63, SubChapter C, PT 63, SubPT G 63.114(d)(2)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 1(A) OP
FOP O-01945, SC 21(A) OP
NSR 3179, SC 2 PERMIT

Description: Failure to conduct monthly inspections for car-sealed bypasses to the atmosphere on vent lines V8223, V8228, V8212 (all located in GRPPAUPV3), and V8200 (located in GRPPAUPV4) from December 1, 2006 at 0000 to January 5, 2007 at 0000.

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 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(2)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 1(A) OP
FOP O-01945, SC 21(A) OP
NSR 3179, SC 20E PERMIT
NSR 3179, SC 21E PERMIT
NSR 3179, SC 3(B) PERMIT

Description: Failure to prevent four open-ended lines: Tag No. 4501333.P in Phenol 2 from November 13, 2006 at 0000 to November 14, 2006 at 0000; tag No. 2961 in the Cumene Unit, and tag nos. 450133 and 450425 in Phenol 2 from February 20, 2007 at 0000 to February 22, 2007 at 0000.

Self Report? NO Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter D 115.354(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 63.181(b)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 1(A) OP
FOP O-01945, SC 21(A) OP
NSR 3179, SC 21(H) PERMIT

Description: Failure to tag the following components: Tag No. 322769 in Phenol 3 on February 8, 2007, and tag no. 950522 in Phenol 3 on March 21, 2007, which constitutes the violation of NSR Permit 3179 SC 21H, 30 TAC 115.354(5), and 40 CFR 63.181(b)(10).

Self Report? NO Classification: Minor

Citation:
30 TAC Chapter 115, SubChapter H 115.725(d)(3)
30 TAC Chapter 115, SubChapter H 115.725(l)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
FOP O-01945, SC 1(H)(iii) OP

Description: Failure to prevent a greater than 5% downtime for the East Property Flare CMS (HRVOC analyzer) for CY 2006.

F. Environmental audits.

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: 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 305.125(1)
30 TAC Chapter 305, SubChapter F 305.125(5)
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: 40 CFR Chapter 261, SubChapter I, PT 261, SubPT A 261.3(b)(2)
30 TAC Chapter 335, SubChapter A 335.1(59)

Description: Failure to characterize a process water stream from a leaking economizer, which contained K022 waste.

Viol. Classification: Moderate
Citation: 40 CFR Chapter 262, SubChapter I, PT 262, SubPT A 262.11(b)
30 TAC Chapter 335, SubChapter R 335.504
30 TAC Chapter 335, SubChapter R 335.511
30 TAC Chapter 335, SubChapter R 335.513
30 TAC Chapter 335, SubChapter C 335.62

Description: Failure to characterize wastewater treatment plant residues carrying the K022 waste code.

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter A 335.2(b)

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 305.62

Description: Failure to amend RCRA permit to reflect management of K022 waste.

Viol. Classification: Moderate
Rqmt Prov: 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: 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)
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
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: 01/05/2005 (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 63.105(b)
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
30 TAC Chapter 335, SubChapter C 335.69

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 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 113.120

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.120(a)(3)(iii)

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: 05/22/2006 (454159)
No DOV Associated

Notice of Intent Date: 04/18/2007 (562595)
No DOV Associated

Notice of Intent Date: 08/03/2007 (593493)
No DOV Associated

Notice of Intent Date: 08/24/2007 (594238)
No DOV Associated

Notice of Intent Date: 09/24/2007 (596731)
Disclosure Date: 03/25/2008

Viol. Classification: Moderate

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

30 TAC Chapter 305, SubChapter F 305.125(5)

Rqmt Prov: PERMIT 00402

Description: Failure to maintain the storm water sewer line integrity.

Notice of Intent Date: 10/16/2007 (599701)
No DOV Associated

Notice of Intent Date: 10/15/2007 (599713)
No DOV Associated

Notice of Intent Date: 01/11/2008 (616239)
No DOV Associated

Notice of Intent Date: 02/19/2008 (639389)
No DOV Associated

Notice of Intent Date: 04/08/2008 (654698)
No DOV Associated

Notice of Intent Date: 04/18/2008 (654683)
No DOV Associated

Notice of Intent Date: 05/23/2008 (682189)
No DOV Associated

Notice of Intent Date: 06/17/2008 (686667)
No DOV Associated

Notice of Intent Date: 08/18/2008 (701440)
No DOV Associated

G. Type of environmental management systems (EMSs).

01/11/2008 01/10/2011 NON 30 TAC CH 90 CERTIFIED ENVIRONMENTAL MANAGEMENT SYSTEM

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

Type	Tier	Certification Date
CLEAN TEXAS PROGRAM		12/20/2004

J. Early compliance.

N/A

Sites Outside of Texas

N/A

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

IN THE MATTER OF AN	§	**BEFORE THE**
ENFORCEMENT ACTION	§	
CONCERNING	§	**TEXAS COMMISSION ON**
SHELL OIL COMPANY AND SHELL	§	
CHEMICAL LP	§	
RN100211879	§	**ENVIRONMENTAL QUALITY**

AGREED ORDER
DOCKET NO. 2008-1925-AIR-E

At its _____ agenda, the Texas Commission on Environmental Quality ("the Commission" or "TCEQ") considered this agreement of the parties, resolving an enforcement action regarding Shell Oil Company and Shell Chemical LP ("the Respondents") under the authority of TEX. HEALTH & SAFETY CODE ch. 382 and TEX. WATER CODE ch. 7. The Executive Director of the TCEQ, through the Enforcement Division, and the Respondents presented this agreement to the Commission.

The Respondents understand that they have 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, the Respondents agree to waive all notice and procedural rights.

It is further understood and agreed that this Order represents the complete and fully-integrated settlement 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 the Respondents.

The Commission makes the following Findings of Fact and Conclusions of Law:

I. FINDINGS OF FACT

1. Shell Oil Company operates a petroleum refinery and Shell Chemical LP operates a chemical manufacturing plant at 5900 Highway 225 East in 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).

3. During an investigation on August 27, 2008, TCEQ staff documented that Shell Oil Company failed to prevent the trip of the Intermediate Pressure Distillate ("IPD") pump (P-1447) which led to the shutdown of the Catalytic Cracking Unit ("CCU") wet gas compressor on June 17, 2008 resulting in the unauthorized release from the North Property Flare of 4,302.6 pounds ("lbs") of volatile organic compounds ("VOC"), which included 241.60 lbs of ethylene, 19.1 lbs of 1,3-butadiene, 547.80 lbs of propylene, and 14.0 lbs of benzene; 116.20 lbs of hydrogen sulfide ("H_2S"); 257.3 lbs of nitrogen oxides ("NO_x"); 1,858 lbs of carbon monoxide ("CO"); 23.4 lbs of particulate matter ("PM"); and 10,718 lbs of sulfur dioxide ("SO_2"), during an event lasting two hours and four minutes. The steam throttle valve for the IPD pump turbine had a worn spot on the stem that stalled the movement of the throttle valve which caused the turbine to over speed which tripped the pump. The flare is permitted under a flexible permit, New Source Review Permit ("NSRP") No. 21262/PSD-TX-928, which does not authorize any emissions from the flare during an emissions event. Because these emissions could have been foreseen and avoided by better maintenance practices, the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 could not be met.

4. During an investigation on July 14, 2008, TCEQ staff documented that Shell Chemical LP failed to prevent the loss of stream tracing which led to the unauthorized release from the OP-2 Elevated Flare, OP-3 Elevated Flare, and the OP-3 Ground Flare of 2,545 lbs of CO, 490.31 lbs of NO_x, and 1,658 lbs of VOC on June 29, 2008 during an event lasting seven hours and five minutes. Because these emissions could have been foreseen and avoided by better maintenance practices, the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 could not be met.

5. During an investigation on December 16, 2008, TCEQ staff documented that Shell Oil Company failed to prevent the trip of the wet gas compressor which led to the shutdown of the CCU on July 17, 2008 and the unauthorized release from the North Property Flare of 4,231.4 lbs of VOC, which included 165.0 lbs of ethylene, 11.9 lbs of 1,3-butadiene, 395.0 lbs of propylene, and 11.5 lbs of benzene; 113.0 lbs of H_2S; 265.0 lbs of NO_x; 1,917 lbs of CO; 32.0 lbs of PM; and 10,444 lbs of SO_2, during an event lasting 17 hours and 43 minutes. The emissions event was caused by poor maintenance practices. A technician made a wrong connection while maintenance was being performed on the battery charger alarm circuit causing the alarm card to be shorted and damaged when the breaker to the alarm was re-energized, causing a loss of power to Substation 1211 resulting in the wet gas compressor shutdown. Because these emissions could have been foreseen and avoided by better maintenance practices, the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 could not be met.

6. During an investigation on December 16, 2008, TCEQ staff documented that Shell Oil Company failed to timely provide information requested by the TCEQ Houston Regional Office regarding the July 17, 2008 emissions event. On October 23, 2008, a request for additional information was sent to the Respondent. The additional information was due on November 6, 2008; however, it was not submitted until December 17, 2008.

7. The Respondents received notices of the violations on November 5 and 6, 2008 and December 31, 2008.

8. The Executive Director recognizes that the Respondents have implemented the following corrective measures at the Plants:

   a. For the June 17, 2008 emissions event:

      i. On June 28, 2008, replaced the governor valve on Pump P-1447 and the turbine throttle valve;

      ii. By October 20, 2008, created and conducted emergency response drills;

      iii. On November 11, 2008, installed a critical alarm to alert the operator of low demineralized water flow; and

      iv. By November 13, 2008, updated the maintenance schedule and procedures for turbine drive throttle valves.

   b. For the June 29, 2008, emissions event:

      i. On October 8, 2008, implemented a monthly requirement in the IntelaTrac tracker for an operator to visually check the Process Gas Compressor ("PGC") discharge flow transmitter steam tracing to ensure that it is operational;

      ii. On October 22, 2008, implemented a requirement within the GSAP work order system to require the highest priority be set on all future PGC flow transmitter steam-tracing repair work order tickets; and

      iii. On November 6, 2008, completed the replacement of the steam tracing system on the PGC surge control flow transmitter impulse lines.

   c. For the July 17, 2008, emissions event:

      i. On December 17, 2008, submitted the additional information that was requested on October 23, 2008; and

      i. On March 3, 2009, took Transformer T5 out of service replacing it with parallel Transformer T6.

II. CONCLUSIONS OF LAW

1. The Respondents are subject to the jurisdiction of the TCEQ pursuant to TEX. HEALTH & SAFETY CODE ch. 382 and TEX. WATER CODE ch. 7 and the rules of the Commission.

2. As evidenced by Findings of Fact No. 3, Shell Oil Company failed to prevent unauthorized emissions from the North Property Flare on June 18, 2008, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3) and 116.715(a), NSRP No. 21262/PSD-TX-928, Special Condition ("SC") No. 1, and TEX. HEALTH & SAFETY CODE § 382.085(b).

3. As evidenced by Findings of Fact No. 4, Shell Chemical LP failed to prevent unauthorized emissions from the OP-2 Elevated Flare, OP-3 Elevated Flare, and from the OP-3 Ground Flare on June 29, 2008, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3) and 116.115(b)(2)(F), NSRP No. 3219/PSD-TX-974, General Condition No. 8, and TEX. HEALTH & SAFETY CODE § 382.085(b).

4. As evidenced by Findings of Fact No. 5, Shell Oil Company failed to prevent unauthorized emissions from the North Property Flare on July 17, 2008, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3) and 116.715(a), NSRP No. 21262/PSD-TX-928, SC No. 1, and TEX. HEALTH & SAFETY CODE § 382.085(b).

5. As evidenced by Findings of Fact No. 6, Shell Oil Company failed to timely provide information requested by the TCEQ Houston Regional Office regarding the July 17, 2008 emissions event, in violation of 30 TEX. ADMIN. CODE § 101.201(f) and TEX. HEALTH & SAFETY CODE § 382.085(b).

6. Pursuant to TEX. WATER CODE § 7.051, the Commission has the authority to assess an administrative penalty against the Respondents 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.

7. An administrative penalty in the amount of Thirty Thousand Four Hundred Twenty-Three Dollars ($30,423) is justified by the facts recited in this Agreed Order, and considered in light of the factors set forth in TEX. WATER CODE § 7.053. The Respondents have paid Fifteen Thousand Two Hundred Twelve Dollars ($15,212) of the administrative penalty, and Fifteen Thousand Two Hundred Eleven Dollars ($15,211) shall be conditionally offset by the Respondents' completion of a Supplemental Environmental Project.

III. ORDERING PROVISIONS

NOW, THEREFORE, THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY ORDERS that:

1. The Respondents are assessed an administrative penalty in the amount of Thirty Thousand Four Hundred Twenty-Three Dollars ($30,423) as set forth in Section II, Paragraph 7 above, for violations of TCEQ rules and state statutes. The payment of this administrative penalty and the Respondents' 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 "TCEQ" and shall be sent with the notation "Re: Shell Oil Company and Shell Chemical LP, Docket No. 2008-1925-AIR-E" 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. The Respondents shall implement and complete a Supplemental Environmental Project ("SEP") in accordance with TEX. WATER CODE § 7.067. As set forth in Section II, Paragraph 7, Fifteen Thousand Two Hundred Dollars ($15,211) of the assessed administrative penalty shall be offset with the condition that The Respondents implement the SEP defined in Attachment A, incorporated herein by reference The Respondents' 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. The provisions of this Agreed Order shall apply to and be binding upon the Respondents. The Respondents are ordered to give notice of the Agreed Order to personnel who maintain day-to-day control over the Plant operations referenced in this Agreed Order.

4. If the Respondents fail 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, the Respondents' failure to comply is not a violation of this Agreed Order. The Respondents shall have the burden of establishing to the Executive Director's satisfaction that such an event has occurred. The Respondents shall notify the Executive Director within seven days after the Respondents become aware of a delaying event and shall take all reasonable measures to mitigate and minimize any delay.

5. 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 the Respondents shall be made in writing to the Executive Director. Extensions are not effective until the Respondents receive written approval from the Executive Director. The determination of what constitutes good cause rests solely with the Executive Director.

6. 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 the Respondents if the

Executive Director determines that the Respondents have not complied with one or more of the terms or conditions in this Agreed Order.

7. 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.

8. This Agreed Order, issued by the Commission, shall not be admissible against the Respondents 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.

9. This Agreed Order may be executed in multiple counterparts, which together shall constitute a single original instrument. Any executed signature page to this Agreed Order may be transmitted by facsimile transmission to the other parties, which shall constitute an original signature for all purposes under this Agreed Order.

10. The Chief Clerk shall provide a copy of this Agreed Order to each of the parties. By law, the effective date of this Agreed Order is the third day after the mailing date, as provided by 30 TEX. ADMIN. CODE § 70.10(b) and TEX. GOV'T CODE § 2001.142.

SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission

For the Executive Director

6/23/2009
Date

I, the undersigned, have read and understand the attached Agreed Order in the matter of Shell Oil Company and Shell Chemical LP. I am authorized to agree to the attached Agreed Order on behalf of Shell Oil Company and Shell Chemical LP, 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 and Shell Chemical LP 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 failure to comply with the Ordering Provisions, if any, in this order and/or failure to timely pay the penalty amount, may result in:

- A negative impact on compliance history;
- Greater scrutiny of any permit applications submitted;
- 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;
- Automatic referral to the Attorney General's Office of any future enforcement actions; and
- TCEQ seeking other relief as authorized by law.

In addition, any falsification of any compliance documents may result in criminal prosecution.

Signature

April 30 2009
Date

AMIR FARID
Name (Printed or typed)
Authorized Representative of both
Shell Oil Company and Shell Chemical LP

GENERAL MANAGER
Title

Instructions: Send the original, signed Agreed Order with penalty payment to the Financial Administration Division, Revenues Section at the address in Section IV, Paragraph 1 of this Agreed Order.

Attachment A
Docket Number: 2008-1925-AIR-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondents:	**Shell Oil Company and Shell Chemical LP**
Payable Penalty Amount:	**Thirty Thousand Four Hundred Twenty-Three Dollars ($30,423)**
SEP Amount:	**Fifteen Thousand Two Hundred Eleven Dollars ($15,211)**
Type of SEP:	**Pre-approved**
Third-Party Recipient:	**Houston-Galveston AERCO's 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 Respondents 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 Respondents will contribute to Houston-Galveston AERCO's Clean Cities/Clean Vehicles Program in Harris County. The contribution will be used in accordance with the ***Supplemental Environmental Project Agreement between the Houston-Galveston AERCO and the Texas Commission on Environmental Quality***. SEP monies will be used to aid local school districts and area transit agencies in reaching local match requirements mandated by the Federal Highway Administration's ("FHWA") Congestion Mitigation/Air Quality funding program. SEP monies will be disbursed to school districts and transit agencies in need of funding assistance in the Houston-Galveston non-attainment area. Those SEP monies will be used exclusively by the school districts and transit agencies as supplements to meet the local match requirements of the EPA. SEP monies will be used to pay for the cost of replacing older diesel buses with alternative fueled or clean diesel buses. The old buses will be permanently retired and only sold for scrap. The schools and transit agencies will also use the SEP monies to retrofit more buses to reduce emissions. Houston-Galveston AERCO will send the TCEQ verification in the form of paid invoices and other documentation to show that the retrofits were completed. Retrofit technologies include particulate matter traps, diesel particulate matter filters, NOx reduction catalyst technology in combination with diesel particulate filters, and other emission control technologies that are developed and approved by EPA or the California Air Resources Board.

The Respondents certify 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

This SEP will provide a discernible environmental benefit by reducing particulate emissions of buses by more than 90% below today's level and reducing hydrocarbons below measurement capability.

C. Minimum Expenditure

The Respondents 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 Respondents must contribute the SEP Amount to the Third-Party Recipient. The Respondents shall mail the contribution, with a copy of the Agreed Order, to:

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

3. Records and Reporting

Concurrent with the payment of the SEP Amount, the Respondents 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 Respondents shall mail a copy of the check and transmittal letter to:

Enforcement Division
Attention: SEP Coordinator, MC 219
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

4. Failure to Fully Perform

If the Respondents do not perform their 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.

The check for any amount due shall be made out to "Texas Commission on Environmental Quality" and mailed to:

Litigation Division
Attention: SEP Coordinator, MC 175
Texas Commission on Environmental Quality
P.O. Box 13088
Austin, Texas 78711-3088

The Respondents shall also mail a copy of the check to the TCEQ SEP Coordinator at the address in Section 3 above.

5. Publicity

Any public statements concerning this SEP made by or on behalf of the Respondents 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 Respondents shall not include this SEP in any application made to TCEQ under the "Clean Texas" (or any successor) program(s). Similarly, the Respondents 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 an SEP for the Respondents under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.