CAPTION: Docket No. 2008-0283-AIR-E. Consideration of an Agreed Order assessing administrative penalties and requiring certain actions of Shell Chemical LP and Shell Oil Company in Harris County; RN100211879; for air quality violations pursuant to Tex. Health & Safety Code ch. 382, Tex. Water Code ch. 7, and the rules of the Texas Commission on Environmental Quality, including specifically 30 Texas Administrative Code ch. 60. (Trina Grieco, Bryan Sinclair)

EXECUTIVE SUMMARY - ENFORCEMENT MATTER

DOCKET NO.: 2008-0283-AIR-E **TCEQ ID:** RN100211879 **CASE NO.:** 35399

RESPONDENT NAME: Shell Chemical LP and Shell Oil Company

ORDER TYPE:		
X 1660 AGREED ORDER	__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: Chemical manufacturing plant and petroleum refinery

SMALL BUSINESS: ___ Yes _X_ No

OTHER SIGNIFICANT MATTERS: There are no complaints. There are 12 additional pending enforcement actions regarding this facility location, Docket Nos. 2008-0079-AIR-E, 2007-1472-AIR-E, 2007-1218-AIR-E, 2007-0837-AIR-E, 2006-1744-MLM-E, 2006-0328-MLM-E, 2008-0635-AIR-E, 2007-1789-AIR-E, 2006-1733-AIR-E, 2006-2187-AIR-E, 2007-0121-AIR-E, and 2007-2001-AIR-E.

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

COMMENTS RECEIVED: The *Texas Register* comment period expired on August 4, 2008. No comments were received.

CONTACTS AND MAILING LIST:

TCEQ Attorney/SEP Coordinator: Ms. Melissa Keller, SEP Coordinator, Enforcement Division, MC 219, (512) 239-1768

TCEQ Enforcement Coordinator: Ms. Trina Grieco, Enforcement Division, Enforcement Team 5, R-13, (210) 403-4006; Mr. Bryan Sinclair, Enforcement Division, MC 219, (512) 239-2171

Respondent: Mr. Steven R. Hansen, Manager Environmental Affairs, Shell Chemical LP and Shell Oil Company, 5900 Highway 225 East, Deer Park, Texas 77536-2434

Mr. Aamir Farid, General Manager, Shell Chemical LP and Shell Oil Company, 5900 Highway 225 East, Deer Park, Texas 77536-2434

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:** November 15, 2007 and January 9, 2008 **Date of NOE Relating to this Case:** January 31, 2008 (NOE) **Background Facts:** These were routine investigations. **AIR** 1) Failure to prevent unauthorized emissions. Specifically, unauthorized emissions of 1,627 pounds ("lbs") of carbon monoxide ("CO"), 330 lbs of nitrogen oxides ("NOx"), and 8 lbs of hydrogen sulfide ("H2S"), 211 lbs of sulfur dioxide, and 1,200 lbs of volatile organic compounds ("VOCs") were released through the OP-2 Elevated Flare, the OP-3 Elevated Flare, and the OP-3 Ground Flare in the Olefins 3 Unit during an emissions event (Incident No. 98777) that occurred on October 15, 2007 and lasted six hours and 40 minutes. Since these emissions were avoidable, the demonstrations in 30 TEX. ADMIN. CODE § 101.222 necessary to present an affirmative defense were not met [30 TEX. ADMIN. CODE §§ 101.20(3) and 116.115(b)(2)(F), New Source Review Permit No. 3219 and PSD-TX-974, Maximum Allowable Emission Rates and TEX. HEALTH & SAFETY CODE § 382.085(b)]. 2) Failure 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 VOCs, 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.	**Total Assessed:** $20,000 **Total Deferred:** $4,000 _X_ Expedited Settlement __Financial Inability to Pay **SEP Conditional Offset:** $8,000 **Total Paid to General Revenue:** $8,000 **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	**Corrective Actions Taken:** 1) The Executive Director recognizes that the Respondents have implemented the following corrective action measures: a. With regard to Incident No. 98777: i. By October 26, 2007, audited all olefins Plant #3 ("OP3") valve stroke test outputs from the TDC(Total Distributed Control - Honeywell model type of the process computer) to ensure they are in the "normal" position; ii. By November 7, 2007, communicated to appropriate Plant personnel the best practice of utilizing the bypass enable key for resetting features; iii. By November 31, 2007, added stroke test indication to the Instrument Protection Function ("IPF") schematic; iv. By November 31, 2007, changed alarm priority to "HIGH" for the valve stroke test Distributed Control System (the process control computer) points; v. By October 30, 2007 deferred all scheduled on-line tests at OP3 until corrective actions above were completed; and vi. By February 20, 2008, reviewed logic /procedures for issues that could lead to unit upset for IPFs that had not been on-line tested since the OP3 Revamp project. b. With regard to Incident No. 99227: i. By October 24, 2007, replaced the housing and lube oil pressure switch; and ii. By December 17, 2007, added inspection of all lube oil pressure switch housings to turn around Preventative Maintenance list at the Cat Feed Hydrotreater. **Ordering Provisions:** 2) The Order will require the Respondents to implement and complete a

99227) that occurred on October 24, 2007 and lasted one hour and 50 minutes. Since these emissions were avoidable, the demonstrations in 30 TEX. ADMIN. CODE § 101.222 necessary to present an affirmative defense were not met [30 TEX. ADMIN. CODE §§ 101.20(3) and 116.715(a), Flexible Permit No. 21262 and PSD-TX-928, Special Condition 1 and TEX. HEALTH & SAFETY CODE § 382.085(b)].		Supplemental Environmental Project (SEP) (See SEP Attachment A). 3) The Order will also require the Respondents to: a. By October 30, 2008, in order to address Incident No. 98777, complete revision of the off-line function test procedures by removing the valve stroke test section; and b. By November 14, 2008, submit written certification, and include detailed supporting documentation including photographs, receipts, and/or other records to demonstrate compliance with Ordering Provision 3.a.

Additional ID No(s).: AIR HG0659W

Attachment A
Docket Number: 2008-0283-AIR-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:	**Shell Chemical LP and Shell Oil Company**
Payable Penalty Amount:	**Sixteen Thousand Dollars ($16,000)**
SEP Amount:	**Eight Thousand Dollars ($8,000)**
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 Respondent to contribute to a Supplemental Environmental Project ("SEP"). The offset is equal to the SEP Amount set forth above and is conditioned upon completion of the project in accordance with the terms of this Attachment A.

1. Project Description

A. Project

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

B. Environmental Benefit

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

C. Minimum Expenditure

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

2. Performance Schedule

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

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

3. Records and Reporting

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

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

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

Texas Commission on Environmental Quality
Financial Administration Division, Revenues
Attention: Cashier, MC 214
P.O. Box 13088
Austin, Texas 78711-3088

The Respondent 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 Respondent must include a clear statement that the project was performed as part of the settlement of an enforcement action brought by the TCEQ. Such statements include advertising, public relations, and press releases.

6. Clean Texas Program

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

7. Other SEPs by TCEQ or Other Agencies

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

Penalty Calculation Worksheet (PCW)

Policy Revision 2 (September 2002) — *PCW Revision January 29, 2008*

TCEQ

DATES						
Assigned	4-Feb-2008					
PCW	8-Apr-2008	Screening	14-Feb-2008	EPA Due	28-Oct-2008	

RESPONDENT/FACILITY INFORMATION

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

CASE INFORMATION

Enf./Case ID No.	35399	No. of Violations	2
Docket No.	2008-0283-AIR-E	Order Type	1660
Media Program(s)	Air	Enf. Coordinator	Trina Grieco
Multi-Media		EC's Team	Enforcement Team 5
Admin. Penalty $ Limit Minimum	$0	Maximum	$10,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) — *Subtotal 1*: $7,500

ADJUSTMENTS (+/-) TO SUBTOTAL 1

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

Compliance History — 335% Enhancement — *Subtotals 2, 3, & 7*: $25,125

Notes: Penalty enhancement due to 32 NOVs issued for same or similar violations, 38 NOVs issued for non-similar violations (which includes 28 self-reported effluent violations), five agreed orders containing a denial of liability, two agreed orders without a denial of liability, and one court order containing a denial of liability. Penalty reduction due to 48 notice of audits and 9 disclosure of violations submitted and participation in a voluntary pollution reduction program.

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

Notes: The Respondents do not meet the culpability criteria.

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

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

Notes: The Respondents do not meet the good faith criteria.

0% Enhancement* — *Subtotal 6*: $0

**Capped at the Total EB $ Amount*

Total EB Amounts	$54
Approx. Cost of Compliance	$2,000

SUM OF SUBTOTALS 1-7 — *Final Subtotal*: $32,625

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

Reduces or enhances the Final Subtotal by the indicated percentage.

Notes:

Final Penalty Amount: $32,625

STATUTORY LIMIT ADJUSTMENT — *Final Assessed Penalty*: $20,000

DEFERRAL — 20% Reduction — *Adjustment*: -$4,000

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

Notes: Deferral offered for expedited settlement.

PAYABLE PENALTY: $16,000

Screening Date 14-Feb-2008 **Docket No.** 2008-0283-AIR-E **PCW**

Respondent Shell Chemical LP and Shell Oil Company

Policy Revision 2 (September 2002)

Case ID No. 35399

PCW Revision January 29, 2008

Reg. Ent. Reference No. RN100211879

Media [Statute] Air

Enf. Coordinator Trina Grieco

Compliance History Worksheet

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

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (*number of NOVs meeting criteria*)	32	160%
	Other written NOVs	38	76%
Orders	Any agreed final enforcement orders containing a denial of liability (*number of orders meeting criteria*)	5	100%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	2	50%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (*number of judgements or consent decrees meeting criteria*)	1	30%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (*number of counts*)	0	0%
Emissions	Chronic excessive emissions events (*number of events*)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 *(number of audits for which notices were submitted)*	48	-48%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (*number of audits for which violations were disclosed*)	9	-18%

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

Adjustment Percentage (Subtotal 2) 335%

>> Repeat Violator (Subtotal 3)

No

Adjustment Percentage (Subtotal 3) 0%

>> Compliance History Person Classification (Subtotal 7)

Average Performer

Adjustment Percentage (Subtotal 7) 0%

>> Compliance History Summary

Compliance History Notes

Penalty enhancement due to 32 NOVs issued for same or similar violations, 38 NOVs issued for non-similar violations (which includes 28 self-reported effluent violations), five agreed orders containing a denial of liability, two agreed orders without a denial of liability, and one court order containing a denial of liability. Penalty reduction due to 48 notice of audits and 9 disclosure of violations submitted and participation in a voluntary pollution reduction program.

Total Adjustment Percentage (Subtotals 2, 3, & 7) 335%

Screening Date 14-Feb-2008 **Docket No.** 2008-0283-AIR-E **PCW**

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

Case ID No. 35399 *PCW Revision January 29, 2008*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air

Enf. Coordinator Trina Grieco

Violation Number 1

Rule Cite(s) 30 Tex. Admin. Code §§ 101.20(3) and 116.115(b)(2)(F), New Source Review Permit No. 3219 and PSD-TX-974, Maximum Allowable Emission Rates and Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 1,627 pounds ("lbs") of carbon monoxide ("CO"), 330 lbs of nitrogen oxides ("NOx"), and 8 lbs of hydrogen sulfide ("H2S"), 211 lbs of sulfur dioxide, and 1,200 lbs of volatile organic compounds ("VOCs") were released through the OP-2 Elevated Flare, the OP-3 Elevated Flare, and the OP-3 Ground Flare in the Olefins 3 Unit during an emissions event (Incident No. 98777) that occurred on October 15, 2007 and lasted six hours and 40 minutes. Since these emissions were avoidable, the demonstrations in 30 Tex. Admin. Code § 101.222 necessary to present an affirmative defense were not 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 in the Houston-Galveston-Brazoria non-attainment area has been exposed to insignificant amounts of pollutants which did not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment $7,500

$2,500

Violation Events

Number of Violation Events 1 — 1 Number of violation days

mark only one with an x

daily	
monthly	
quarterly	x
semiannual	
annual	
single event	

Violation Base Penalty $2,500

One quarterly event is recommended.

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

Estimated EB Amount $51

Violation Final Penalty Total $10,875

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

Economic Benefit Worksheet

Respondent Shell Chemical LP and Shell Oil Company
Case ID No. 35399
Reg. Ent. Reference No. RN100211879
Media Air
Violation No. 1

Percent Interest	Years of Depreciation
5.0	15

Item Description (No commas or $)	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)	$1,000	15-Oct-2007	20-Feb-2008	0.4	$1	$23	$25
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$500	15-Oct-2007	30-Oct-2008	1.0	$26	n/a	$26
Notes for DELAYED costs	Estimated cost to implement measures designed to prevent recurrence of the emissions event due to the same causes ($1,000) and to complete revision of the off-line function test procedures by removing the valve stroke test section ($500). Dates required is the date of the emissions event. Final dates are the date corrective actions were completed (February 20, 2008) and the date remaining corrective actions are projected to be completed (October 30, 2008).						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance $1,500

TOTAL $51

Screening Date 14-Feb-2008 **Docket No.** 2008-0283-AIR-E **PCW**

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

Case ID No. 35399 *PCW Revision January 29, 2008*

Reg. Ent. Reference No. RN100211879

Media [Statute] Air

Enf. Coordinator Trina Grieco

Violation Number 2

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

Violation 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 VOCs, 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. Since these emissions were avoidable, the demonstrations in 30 Tex. Admin. Code § 101.222 necessary to present an affirmative defense were not met.

Base Penalty $10,000

>> Environmental, Property and Human Health Matrix

	Harm		
Release	Major	Moderate	Minor
Actual		x	
Potential			

OR

Percent 50%

>>Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent 0%

Matrix Notes: Human health or the environment in the Houston-Galveston-Brazoria non-attainment area has been exposed to significant amounts of pollutants which did not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment $5,000

$5,000

Violation Events

Number of Violation Events 1 — 1 Number of violation days

mark only one with an x

daily	
monthly	x
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty $5,000

One monthly event is recommended.

Economic Benefit (EB) for this violation

Estimated EB Amount $4

Statutory Limit Test

Violation Final Penalty Total $21,750

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

Economic Benefit Worksheet

Respondent Shell Chemical LP and Shell Oil Company
Case ID No. 35399
Reg. Ent. Reference No. RN100211879
Media Air
Violation No. 2

Percent Interest	Years of Depreciation
5.0	15

Item Description (No commas or $)	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Delayed Costs							
Equipment				0.0	$0	$0	$0
Buildings				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Engineering/construction				0.0	$0	$0	$0
Land				0.0	$0	n/a	$0
Record Keeping System				0.0	$0	n/a	$0
Training/Sampling				0.0	$0	n/a	$0
Remediation/Disposal				0.0	$0	n/a	$0
Permit Costs				0.0	$0	n/a	$0
Other (as needed)	$500	24-Oct-2007	17-Dec-2007	0.1	$4	n/a	$4
Notes for DELAYED costs	Estimated cost to replace the housing and lube oil pressure switch and add inspection of all lube oil pressure switch housings to turn around Preventative Maintenance list at the Cat Feed Hydrotreater. Date required is the date of the emissions event. Final date is the date corrective actions were completed.						
Avoided Costs	ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)						
Disposal				0.0	$0	$0	$0
Personnel				0.0	$0	$0	$0
Inspection/Reporting/Sampling				0.0	$0	$0	$0
Supplies/equipment				0.0	$0	$0	$0
Financial Assurance [2]				0.0	$0	$0	$0
ONE-TIME avoided costs [3]				0.0	$0	$0	$0
Other (as needed)				0.0	$0	$0	$0
Notes for AVOIDED costs							

Approx. Cost of Compliance	$500	TOTAL	$4

Compliance History

Customer/Respondent/Owner-Operator: CN601405145 Shell Chemical LP Classification: AVERAGE Rating: 2.24

Regulated Entity: RN100211879 SHELL OIL DEER PARK Classification: AVERAGE Site Rating: 4.03

ID Number(s):

AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0659W
AIR OPERATING PERMITS	PERMIT	1669
AIR OPERATING PERMITS	PERMIT	1668
AIR OPERATING PERMITS	PERMIT	1940
AIR OPERATING PERMITS	PERMIT	1941
AIR OPERATING PERMITS	PERMIT	1942
AIR OPERATING PERMITS	PERMIT	1943
AIR OPERATING PERMITS	PERMIT	1945
AIR OPERATING PERMITS	PERMIT	1946
AIR OPERATING PERMITS	PERMIT	1947
AIR OPERATING PERMITS	PERMIT	1948
AIR OPERATING PERMITS	PERMIT	2108
AIR OPERATING PERMITS	PERMIT	3179
WASTEWATER	PERMIT	WQ0000402000
WASTEWATER	PERMIT	TPDES0004863
WASTEWATER	PERMIT	TX0004863
WASTEWATER	PERMIT	WQ0000403000
WASTEWATER	PERMIT	TPDES0004871
AIR NEW SOURCE PERMITS	PERMIT	3180
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	REGISTRATION	54895
AIR NEW SOURCE PERMITS	REGISTRATION	55312
AIR NEW SOURCE PERMITS	REGISTRATION	76382
AIR NEW SOURCE PERMITS	REGISTRATION	75524
AIR NEW SOURCE PERMITS	REGISTRATION	55730
AIR NEW SOURCE PERMITS	REGISTRATION	55869
AIR NEW SOURCE PERMITS	REGISTRATION	76315
AIR NEW SOURCE PERMITS	PERMIT	6949
AIR NEW SOURCE PERMITS	PERMIT	7855
AIR NEW SOURCE PERMITS	PERMIT	9856
AIR NEW SOURCE PERMITS	PERMIT	11177
AIR NEW SOURCE PERMITS	PERMIT	12152
AIR NEW SOURCE PERMITS	PERMIT	12537
AIR NEW SOURCE PERMITS	PERMIT	13373
AIR NEW SOURCE PERMITS	PERMIT	13713
AIR NEW SOURCE PERMITS	PERMIT	16429
AIR NEW SOURCE PERMITS	PERMIT	1119
AIR NEW SOURCE PERMITS	PERMIT	1120
AIR NEW SOURCE PERMITS	PERMIT	3178
AIR NEW SOURCE PERMITS	PERMIT	3179
AIR NEW SOURCE PERMITS	PERMIT	3216
AIR NEW SOURCE PERMITS	PERMIT	5801
AIR NEW SOURCE PERMITS	PERMIT	6791
AIR NEW SOURCE PERMITS	PERMIT	7621
AIR NEW SOURCE PERMITS	PERMIT	9334
AIR NEW SOURCE PERMITS	PERMIT	10888
AIR NEW SOURCE PERMITS	PERMIT	11096
AIR NEW SOURCE PERMITS	PERMIT	11586
AIR NEW SOURCE PERMITS	PERMIT	12373
AIR NEW SOURCE PERMITS	PERMIT	12829
AIR NEW SOURCE PERMITS	PERMIT	13678
AIR NEW SOURCE PERMITS	PERMIT	15961
AIR NEW SOURCE PERMITS	PERMIT	8236
AIR NEW SOURCE PERMITS	PERMIT	9505
AIR NEW SOURCE PERMITS	PERMIT	15262
AIR NEW SOURCE PERMITS	PERMIT	15365
AIR NEW SOURCE PERMITS	PERMIT	15499
AIR NEW SOURCE PERMITS	PERMIT	15940
AIR NEW SOURCE PERMITS	PERMIT	18209
AIR NEW SOURCE PERMITS	PERMIT	18576
AIR NEW SOURCE PERMITS	PERMIT	18738
AIR NEW SOURCE PERMITS	PERMIT	18768
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	22038
AIR NEW SOURCE PERMITS	EPA ID	PSDTX815
AIR NEW SOURCE PERMITS	PERMIT	23273
AIR NEW SOURCE PERMITS	PERMIT	24096
AIR NEW SOURCE PERMITS	PERMIT	24874
AIR NEW SOURCE PERMITS	PERMIT	26368
AIR NEW SOURCE PERMITS	PERMIT	27598
AIR NEW SOURCE PERMITS	PERMIT	29597
AIR NEW SOURCE PERMITS	PERMIT	32282
AIR NEW SOURCE PERMITS	PERMIT	33524

AIR NEW SOURCE PERMITS	PERMIT	34230
AIR NEW SOURCE PERMITS	PERMIT	34358
AIR NEW SOURCE PERMITS	PERMIT	35243
AIR NEW SOURCE PERMITS	PERMIT	35608
AIR NEW SOURCE PERMITS	PERMIT	37206
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0659W
AIR NEW SOURCE PERMITS	AFS NUM	4820100039
AIR NEW SOURCE PERMITS	PERMIT	96
AIR NEW SOURCE PERMITS	PERMIT	97
AIR NEW SOURCE PERMITS	PERMIT	266
AIR NEW SOURCE PERMITS	PERMIT	747
AIR NEW SOURCE PERMITS	PERMIT	748
AIR NEW SOURCE PERMITS	PERMIT	920
AIR NEW SOURCE PERMITS	PERMIT	1920
AIR NEW SOURCE PERMITS	PERMIT	1968
AIR NEW SOURCE PERMITS	PERMIT	2597
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	PERMIT	3177
AIR NEW SOURCE PERMITS	PERMIT	3214
AIR NEW SOURCE PERMITS	PERMIT	3215
AIR NEW SOURCE PERMITS	PERMIT	3217
AIR NEW SOURCE PERMITS	PERMIT	3218
AIR NEW SOURCE PERMITS	PERMIT	3219
AIR NEW SOURCE PERMITS	PERMIT	3985A
AIR NEW SOURCE PERMITS	PERMIT	4256
AIR NEW SOURCE PERMITS	PERMIT	4406
AIR NEW SOURCE PERMITS	PERMIT	4596
AIR NEW SOURCE PERMITS	PERMIT	4933
AIR NEW SOURCE PERMITS	PERMIT	41920
AIR NEW SOURCE PERMITS	PERMIT	41875
AIR NEW SOURCE PERMITS	PERMIT	42221
AIR NEW SOURCE PERMITS	PERMIT	42573
AIR NEW SOURCE PERMITS	PERMIT	42512
AIR NEW SOURCE PERMITS	PERMIT	43605
AIR NEW SOURCE PERMITS	PERMIT	42118
AIR NEW SOURCE PERMITS	PERMIT	45654
AIR NEW SOURCE PERMITS	PERMIT	45653
AIR NEW SOURCE PERMITS	PERMIT	45652
AIR NEW SOURCE PERMITS	PERMIT	45944
AIR NEW SOURCE PERMITS	PERMIT	46535
AIR NEW SOURCE PERMITS	PERMIT	47575
AIR NEW SOURCE PERMITS	PERMIT	70613
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	PSDTX961
AIR NEW SOURCE PERMITS	EPA ID	PSDTX974
AIR NEW SOURCE PERMITS	REGISTRATION	77284
AIR NEW SOURCE PERMITS	REGISTRATION	76699
AIR NEW SOURCE PERMITS	REGISTRATION	77952
AIR NEW SOURCE PERMITS	REGISTRATION	76265
AIR NEW SOURCE PERMITS	REGISTRATION	78839
AIR NEW SOURCE PERMITS	REGISTRATION	78864
AIR NEW SOURCE PERMITS	REGISTRATION	78624
AIR NEW SOURCE PERMITS	REGISTRATION	78816
AIR NEW SOURCE PERMITS	REGISTRATION	79604
AIR NEW SOURCE PERMITS	REGISTRATION	80525
AIR NEW SOURCE PERMITS	REGISTRATION	80503
AIR NEW SOURCE PERMITS	REGISTRATION	81503
AIR NEW SOURCE PERMITS	REGISTRATION	81971
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID	TXD067285973
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)	30007

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

Location: 5900 Hwy 225 Rating Date: September 01 07 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: February 06, 2008

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: February 06, 2003 to February 06, 2008

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

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

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? Yes
3. If Yes, who is the current owner? Shell Deer Park Refining Company
   Shell Chemical LP
   Shell Oil Company
   Deer Park Refining Limited Parternship
4. if Yes, who was/were the prior owner(s)? Shell Oil Company
   Equilon Enterprises LLC
5. When did the change(s) in ownership occur? 6/10/2004

Components (Multimedia) for the Site :

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

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

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
40 CFR Part 61, Subpart V 61.242-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(d)(1)(i)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 113, SubChapter C 113.120
40 CFR Part 63, Subpart G 63.114(a)(1)(ii)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Classification: Moderate

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

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

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

Classification: Major

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

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

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

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100
30 TAC Chapter 113, SubChapter C 113.120

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

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

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

Classification: Moderate

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

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

Classification: Moderate

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

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

Classification: Moderate

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

30 TAC Chapter 116, SubChapter G 116.721(a)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Classification: Minor

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

30 TAC Chapter 101, SubChapter F 101.201(c)
5C THC Chapter 382, SubChapter A 382.085(b)

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

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

Classification: Moderate

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

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: 08/29/2006 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.

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

N/A

C. Chronic excessive emissions events.

N/A

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

1 02/10/2003 (157684)
2 02/12/2003 (24287)
3 02/13/2003 (22044)
4 02/20/2003 (10139)
5 02/24/2003 (157683)
6 02/24/2003 (22731)
7 02/28/2003 (157734)
8 03/25/2003 (157687)
9 03/31/2003 (10812)
10 03/31/2003 (157737)
11 04/03/2003 (19124)
12 04/23/2003 (157693)
13 04/29/2003 (157742)
14 05/09/2003 (26339)
15 05/10/2003 (450832)
16 05/11/2003 (26340)
17 05/22/2003 (157697)
18 05/27/2003 (157746)
19 05/30/2003 (36614)
20 06/05/2003 (29924)
21 06/16/2003 (114383)
22 06/24/2003 (157701)
23 06/25/2003 (157750)
24 06/26/2003 (60695)
25 06/28/2003 (33595)
26 07/23/2003 (284079)
27 07/23/2003 (295231)

28	07/25/2003	(157705)
29	07/25/2003	(157709)
30	08/06/2003	(114294)
31	08/12/2003	(148558)
32	08/23/2003	(36650)
33	08/26/2003	(295233)
34	08/29/2003	(149848)
35	09/22/2003	(295235)
36	09/25/2003	(295217)
37	10/22/2003	(249626)
38	10/23/2003	(295219)
39	10/27/2003	(295237)
40	10/28/2003	(252341)
41	11/21/2003	(295220)
42	11/26/2003	(295238)
43	11/30/2003	(248256)
44	12/17/2003	(295221)
45	12/23/2003	(295239)
46	01/02/2004	(257380)
47	01/02/2004	(252698)
48	01/04/2004	(251319)
49	01/14/2004	(254260)
50	01/21/2004	(252556)
51	01/22/2004	(295240)
52	01/26/2004	(295222)
53	01/28/2004	(261052)
54	02/23/2004	(248995)
55	02/23/2004	(432673)
56	02/27/2004	(295223)
57	03/16/2004	(295208)
58	03/24/2004	(295225)
59	03/31/2004	(260311)
60	04/16/2004	(256199)
61	04/21/2004	(295209)
62	04/23/2004	(295226)
63	05/19/2004	(256196)
64	05/19/2004	(295206)
65	05/19/2004	(295211)
66	05/25/2004	(268601)
67	05/25/2004	(295228)
68	05/25/2004	(266874)
69	05/26/2004	(273578)
70	06/03/2004	(270210)
71	06/09/2004	(272409)
72	06/18/2004	(271341)
73	06/18/2004	(270854)
74	06/21/2004	(295213)
75	06/23/2004	(352010)
76	07/14/2004	(260134)
77	07/22/2004	(352011)
78	07/26/2004	(352004)
79	08/11/2004	(288458)
80	08/11/2004	(288745)
81	08/11/2004	(287418)
82	08/11/2004	(287399)
83	08/16/2004	(279252)
84	08/16/2004	(279239)
85	08/23/2004	(352012)
86	08/24/2004	(352003)
87	08/24/2004	(352005)
88	08/31/2004	(272715)
89	08/31/2004	(267451)
90	08/31/2004	(268068)
91	08/31/2004	(292677)
92	09/07/2004	(292099)
93	09/22/2004	(352013)
94	09/30/2004	(287575)
95	10/04/2004	(352006)
96	10/18/2004	(335028)
97	10/20/2004	(352007)
98	10/20/2004	(352014)
99	11/11/2004	(289756)
100	11/12/2004	(290146)
101	11/12/2004	(288819)
102	11/22/2004	(285617)

103	11/22/2004	(352015)
104	11/23/2004	(352008)
105	11/29/2004	(339553)
106	12/05/2004	(268602)
107	12/10/2004	(338725)
108	12/11/2004	(341292)
109	12/11/2004	(342406)
110	12/11/2004	(342558)
111	12/14/2004	(341177)
112	12/14/2004	(342547)
113	12/15/2004	(340217)
114	12/17/2004	(339115)
115	12/20/2004	(352016)
116	12/21/2004	(342546)
117	12/27/2004	(352009)
118	12/28/2004	(290091)
119	12/28/2004	(338893)
120	12/29/2004	(342425)
121	12/30/2004	(342431)
122	12/30/2004	(344374)
123	12/30/2004	(344491)
124	01/04/2005	(288475)
125	01/04/2005	(285114)
126	01/04/2005	(288902)
127	01/04/2005	(342600)
128	01/04/2005	(293105)
129	01/05/2005	(289527)
130	01/05/2005	(288541)
131	01/06/2005	(344370)
132	01/06/2005	(344373)
133	01/06/2005	(289146)
134	01/07/2005	(288436)
135	01/09/2005	(289381)
136	01/10/2005	(286434)
137	01/10/2005	(287676)
138	01/10/2005	(279219)
139	01/20/2005	(381814)
140	01/24/2005	(381811)
141	01/26/2005	(342583)
142	01/31/2005	(342585)
143	02/01/2005	(342419)
144	02/22/2005	(350798)
145	02/22/2005	(381812)
146	02/23/2005	(371820)
147	03/22/2005	(381813)
148	03/23/2005	(381809)
149	03/28/2005	(381810)
150	04/01/2005	(346780)
151	04/22/2005	(419640)
152	04/22/2005	(419642)
153	04/22/2005	(575179)
154	04/29/2005	(344372)
155	05/03/2005	(373899)
156	05/09/2005	(378729)
157	05/18/2005	(575182)
158	05/25/2005	(380203)
159	06/17/2005	(392662)
160	06/20/2005	(575185)
161	06/21/2005	(419641)
162	06/21/2005	(419643)
163	06/28/2005	(394944)
164	07/06/2005	(398907)
165	07/13/2005	(374690)
166	07/18/2005	(575188)
167	07/18/2005	(379933)
168	07/18/2005	(379934)
169	07/20/2005	(400891)
170	07/21/2005	(400399)
171	07/28/2005	(379300)
172	08/02/2005	(400361)
173	08/03/2005	(399624)
174	08/05/2005	(341201)
175	08/05/2005	(341194)
176	08/05/2005	(341195)
177	08/05/2005	(341198)

178	08/05/2005	(341200)
179	08/10/2005	(403710)
180	08/15/2005	(453221)
181	08/16/2005	(404329)
182	08/16/2005	(404327)
183	08/18/2005	(404406)
184	08/22/2005	(400922)
185	08/22/2005	(575191)
186	08/23/2005	(401945)
187	08/23/2005	(404915)
188	08/25/2005	(405926)
189	08/30/2005	(401403)
190	09/23/2005	(440775)
191	09/23/2005	(440776)
192	09/27/2005	(575193)
193	09/28/2005	(431096)
194	10/04/2005	(405964)
195	10/05/2005	(407310)
196	10/05/2005	(406803)
197	10/05/2005	(431097)
198	10/05/2005	(431095)
199	10/10/2005	(406428)
200	10/24/2005	(468331)
201	10/24/2005	(575195)
202	10/26/2005	(433389)
203	10/28/2005	(405406)
204	11/03/2005	(431819)
205	11/04/2005	(431796)
206	11/04/2005	(431865)
207	11/14/2005	(371956)
208	11/23/2005	(433921)
209	11/23/2005	(575197)
210	11/28/2005	(437043)
211	11/28/2005	(468332)
212	11/30/2005	(437117)
213	12/08/2005	(418800)
214	12/16/2005	(451110)
215	12/21/2005	(575199)
216	12/22/2005	(575200)
217	12/27/2005	(468333)
218	01/24/2006	(451885)
219	01/24/2006	(468334)
220	01/24/2006	(575201)
221	02/16/2006	(454090)
222	02/21/2006	(455170)
223	02/21/2006	(575174)
224	02/21/2006	(454835)
225	02/23/2006	(455872)
226	02/23/2006	(455897)
227	02/23/2006	(439108)
228	02/24/2006	(438342)
229	02/24/2006	(468329)
230	02/25/2006	(456944)
231	02/25/2006	(457085)
232	02/27/2006	(457162)
233	02/27/2006	(456661)
234	02/28/2006	(457143)
235	02/28/2006	(457152)
236	03/03/2006	(455540)
237	03/09/2006	(457675)
238	03/15/2006	(458469)
239	03/17/2006	(451544)
240	03/20/2006	(431859)
241	03/20/2006	(571632)
242	03/21/2006	(575176)
243	03/23/2006	(290016)
244	03/23/2006	(468330)
245	03/28/2006	(405965)
246	04/03/2006	(455004)
247	04/21/2006	(575180)
248	04/24/2006	(449499)
249	04/24/2006	(498125)
250	04/25/2006	(449838)
251	04/26/2006	(455005)
252	04/27/2006	(440023)

253	04/28/2006	(462216)
254	05/10/2006	(266908)
255	05/10/2006	(268067)
256	05/12/2006	(461088)
257	05/17/2006	(461235)
258	05/17/2006	(466235)
259	05/22/2006	(498126)
260	05/22/2006	(575183)
261	05/26/2006	(460174)
262	05/26/2006	(460095)
263	05/26/2006	(460156)
264	05/26/2006	(460637)
265	05/30/2006	(459416)
266	05/30/2006	(460198)
267	05/31/2006	(480622)
268	05/31/2006	(455293)
269	06/12/2006	(455296)
270	06/13/2006	(457735)
271	06/14/2006	(480612)
272	06/15/2006	(449850)
273	06/16/2006	(575186)
274	06/20/2006	(498127)
275	06/21/2006	(467546)
276	06/23/2006	(467537)
277	06/23/2006	(467329)
278	06/28/2006	(467525)
279	06/30/2006	(463111)
280	06/30/2006	(466561)
281	07/10/2006	(482757)
282	07/11/2006	(482755)
283	07/11/2006	(482760)
284	07/11/2006	(482407)
285	07/14/2006	(467608)
286	07/24/2006	(520133)
287	07/24/2006	(575189)
288	07/26/2006	(487301)
289	07/27/2006	(486448)
290	07/31/2006	(482753)
291	08/08/2006	(482747)
292	08/14/2006	(480383)
293	08/16/2006	(392732)
294	08/18/2006	(457259)
295	08/18/2006	(457480)
296	08/22/2006	(575192)
297	08/23/2006	(457432)
298	08/25/2006	(510170)
299	08/28/2006	(479997)
300	08/29/2006	(509957)
301	08/29/2006	(479999)
302	08/30/2006	(509636)
303	08/31/2006	(457283)
304	09/07/2006	(510326)
305	09/22/2006	(575194)
306	09/25/2006	(520134)
307	09/29/2006	(487313)
308	10/04/2006	(510017)
309	10/04/2006	(512388)
310	10/05/2006	(510021)
311	10/05/2006	(512393)
312	10/05/2006	(512392)
313	10/13/2006	(510023)
314	10/23/2006	(575196)
315	10/24/2006	(544406)
316	10/26/2006	(512394)
317	10/27/2006	(515112)
318	10/31/2006	(513138)
319	10/31/2006	(509694)
320	10/31/2006	(343595)
321	11/03/2006	(513228)
322	11/03/2006	(513328)
323	11/06/2006	(515706)
324	11/16/2006	(512687)
325	11/16/2006	(514711)
326	11/21/2006	(517284)
327	11/22/2006	(575198)

328	11/27/2006	(544407)
329	11/30/2006	(379581)
330	12/07/2006	(488023)
331	12/07/2006	(488025)
332	12/07/2006	(487985)
333	12/07/2006	(488004)
334	12/15/2006	(508968)
335	12/21/2006	(534053)
336	12/27/2006	(544408)
337	12/27/2006	(544409)
338	12/29/2006	(343599)
339	01/19/2007	(531892)
340	01/22/2007	(575202)
341	01/31/2007	(537439)
342	01/31/2007	(538238)
343	01/31/2007	(538659)
344	02/17/2007	(532455)
345	02/20/2007	(457345)
346	02/22/2007	(575167)
347	02/22/2007	(575175)
348	02/23/2007	(532463)
349	02/23/2007	(532452)
350	02/27/2007	(532471)
351	03/01/2007	(509707)
352	03/05/2007	(406521)
353	03/21/2007	(575177)
354	03/23/2007	(575168)
355	04/12/2007	(554202)
356	04/19/2007	(575169)
357	04/23/2007	(575181)
358	04/25/2007	(542681)
359	04/25/2007	(532459)
360	04/26/2007	(541475)
361	04/30/2007	(542592)
362	04/30/2007	(542683)
363	05/07/2007	(537121)
364	05/08/2007	(542690)
365	05/09/2007	(467500)
366	05/14/2007	(542697)
367	05/16/2007	(575170)
368	05/18/2007	(542652)
369	05/22/2007	(575184)
370	05/29/2007	(559183)
371	05/30/2007	(560809)
372	06/20/2007	(575171)
373	06/22/2007	(575187)
374	06/25/2007	(563779)
375	06/25/2007	(564308)
376	06/27/2007	(564822)
377	06/27/2007	(564828)
378	07/06/2007	(565610)
379	07/10/2007	(565422)
380	07/20/2007	(575172)
381	07/20/2007	(575173)
382	07/23/2007	(575178)
383	07/23/2007	(575190)
384	08/01/2007	(567841)
385	08/03/2007	(568522)
386	08/13/2007	(571026)
387	08/14/2007	(567884)
388	08/15/2007	(571883)
389	08/17/2007	(571025)
390	08/22/2007	(607528)
391	09/18/2007	(571877)
392	09/19/2007	(572770)
393	09/20/2007	(601572)
394	09/24/2007	(607529)
395	10/12/2007	(560777)
396	10/16/2007	(593594)
397	10/18/2007	(601573)
398	10/25/2007	(596852)
399	11/06/2007	(593367)
400	11/06/2007	(565492)
401	11/15/2007	(597968)
402	11/15/2007	(597891)

403 11/19/2007 (572257)
404 11/19/2007 (599691)
405 11/27/2007 (597446)
406 11/30/2007 (608138)
407 11/30/2007 (601276)
408 12/04/2007 (600886)
409 12/20/2007 (610419)
410 01/07/2008 (598077)
411 01/17/2008 (599615)
412 01/17/2008 (600635)
413 01/17/2008 (599822)
414 01/17/2008 (599668)
415 01/22/2008 (613355)
416 01/25/2008 (615969)
417 01/25/2008 (615999)
418 01/25/2008 (597769)
419 01/25/2008 (615280)
420 01/28/2008 (616080)
421 01/28/2008 (616082)
422 02/01/2008 (607448)
423 02/01/2008 (614303)
424 02/01/2008 (615075)
425 02/01/2008 (613923)
426 02/01/2008 (614301)
427 02/04/2008 (614031)
428 02/05/2008 (610680)

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

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

Date: 07/31/2003 (157709)
Self Report? YES Classificatio 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: 09/30/2003 (295219)
Self Report? YES Classificatio 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: 11/30/2003 (295239)
Self Report? YES Classificatio 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: 01/04/2004 (251319)
Self Report? NO Classificatio Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT TCEQ AIR PERMIT #19849, SC #1
Description: Shell allowed 237 lbs of unauthorized emissions of mesityl oxide (a highly irritating ketone, which overflowed Tank T-40-16 due to an inaccurate level indicator and failure to respond to a high level alarm from the back up high level alarm system.

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

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

Date: 04/30/2004 (295228)
Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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: 07/13/2004 (260134)

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT TCEQ AIR PERMIT #920, SC #1

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

Date: 08/31/2004 (272715)

Self Report? NO Classificatio Moderate

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

Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC #8

Description: Failure to operate within the permit limits.

Date: 08/31/2004 (267451)

Self Report? NO Classificatio Moderate

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

Rqmt Prov: PERMIT No. 21262 and PSD-TX-928

Description: Failure to prevent unauthorized emissions.

Date: 09/22/2004 (335028)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.46(m)

Description: Failure to maintain all pressure maintenance facilities and related appurtenances in a watertight condition.

Date: 09/30/2004 (352007)

Self Report? YES Classificatio 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: 11/22/2004 (285617)

Self Report? NO Classificatio Moderate

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

Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC #8

Description: Failure to operate within the permit limits.

Self Report? NO Classificatio Minor

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

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

Date: 11/30/2004 (352009)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(4)
30 TAC Chapter 305, SubChapter F 305.125(5)
TWC Chapter 26 26.121(a)(1)

Description: Failure to prevent the unauthorized discharge of untreated or partially treated process, sanitary, balast, and utility wastewaters through outfall 008. The permittee is authorized to discharge storm water and fire water only to outfall 008. See attached Table 1.

Date: 12/28/2004 (290091)

Self Report? NO Classificatio Moderate

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

Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC #8

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

Date: 12/30/2004 (344491)

Self Report? NO Classificatio Moderate

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

Rqmt Prov: PA Permit #21262/PSD-TX-928, SC#1

Description: Failure to control emissions.

Date: 12/30/2004 (344374)

Self Report? NO Classificatio Moderate

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

Rqmt Prov: PA Permit #s:21262,PSD-TX-928, SC #1
Description: Failure to Control Emissions
Date: 01/04/2005 (342600)

Self Report? NO Classificatio Moderate

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

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
Description: Failure to report emissions event in a timely manner.
Date: 01/07/2005 (288436)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 21262 and PSD-TX-928
Description: Exceeded permit limits during an avoidable emissions event.
Date: 01/09/2005 (289381)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT TCEQ Air Permit #3219 and PSD-TX-974
Description: Exceeded permit limits during an avoidable emissions event.
Date: 03/31/2005 (419640)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio 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)

Self Report? YES Classificatio 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: 06/20/2005 (395120)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 9334, Gen. Condition #8
Description: Failure to prevent spill during tank heel transfer.

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failure to submit an emissions event in a timely manner.
Date: 07/31/2005 (419643)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio 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 Classificatio 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 Classificatio Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 180.
Date: 09/30/2005 (468331)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to maintain compliance with the effluent permit limits. Effluent violations were reported for ammonia-nitrogen at outfall 104 in 07/05 and for calcium, nickel and fecal coliform at outfall 001 in 03/05.
Date: 02/23/2006 (439108)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA 3219 AND PSD-TX-974
Description: Exceeded permit limits during an avoidable emissions event.
Date: 02/27/2006 (438342)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failed to control unauthorized emissions.
Date: 04/04/2006 (455004)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA NSR Permit #3173, Special Condition #1
Description: Failure to control unauthorized emissions for Incident #64365.
Date: 05/17/2006 (461235)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.665(f)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(j)(7)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1946, Special Condition 15H
OP 1946, Special Condition 1A
Description: Failure to record whether the pilot flame was continuously present during each hour for Flares OP2ELFLA and OP3ELFLA

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1668, Special Condition 1A
Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and OP3GRFLA.

Self Report? NO Classificatio Moderate

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)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1668, Special Condition 1A
PERMIT 3219, Special Conditions 5 and 6
Description: Operation of Flares OP2ELFLA, OP3ELFLA and OP3GRFLA with visible emissions .

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1946, Special Condition 1A
OP 1946, Special Condition 21
PERMIT 3216, Special Condition 6E
PERMIT 3218, Special Condition 8E
Description: Nine OELs in HT2; 2 OELs in CIPX

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT 18576, Special Condition 7E
OP 1946, Special Condition 1A

OP 1946, Special Condition 21
Description: Failure to seal 18 OELs in IRU.
Self Report? NO Classificatio Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)
Rqmt Prov: OP 1946, Special Condition 1A
OP 1946, Special Condition 21
PERMIT 3217, Special Condition 3E
Description: Failure to seal OELs in BD3.
Self Report? NO Classificatio Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1946, Special Condition 21
PERMIT 3216, Special Condition 1
PERMIT 3216, Special Condition 5
Description: Furnaces FOL-601 and FOL-602 exceeded the permitted maximum hourly firing rates.
Self Report? NO Classificatio Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1946, Special Condition 21
PERMIT 3216, Special Conditions 1 and 4
Description: The fuel gas used by Furnaces FOL601, FOL602, FOL603 and FOL604 exceeded the permitted maximum H2S concentration.
Date: 05/31/2006 (455293)
Self Report? NO Classificatio Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: PERMIT No. 3219 and PSD-TX-974 MAERT
Description: Failure to prevent an operator error resulting in unauthorized emissions.
Date: 06/15/2006 (457735)
Self Report? NO Classificatio Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: PERMIT 9334 MAERT
Description: Failure to prevent a leak from a line that was bent beyond its minimum flex radius creating a weak point that resulted in unauthorized emissions.
Date: 06/16/2006 (510170)
Self Report? NO Classificatio Minor
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Rqmt Prov: PERMIT Self-reporting Requirements
Description: Using unapproved self-generated Discharge Monitoring Report (DMR) forms to report monitoring results.
Date: 06/28/2006 (467525)
Self Report? NO Classificatio Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT #21262, Special Condition #1
Description: Failure to prevent overpressure of Secondary Debutanizer Column, V-613.
Date: 06/30/2006 (520133)
Self Report? YES Classificatio 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: 07/14/2006 (467608)
Self Report? NO Classificatio Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No 3219 MAERT
Description: Failure to prevent unauthorized emissions during decoking of furnace FOL170.
Date: 07/31/2006 (440775)
Self Report? YES Classificatio 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)
Self Report? YES Classificatio 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)
Self Report? NO Classificatio Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 266, SC 7E
PERMIT 3985A, SC 7E
OP O-01947, Special Condition 13
OP O-01947, Special Condition 1A

Description: 3 OELs in SITEFE and 1 OEL in WRACKFE

Date: 08/23/2006 (457432)

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 1A

Description: Components associated with Tank F-347 and Tank F-349 were not identified as being subject to 40 CFR 63, Subpart H.

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Description: 10 OELs in MPLANTFE

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 13
OP 1948, Special Condition 1A
PERMIT 1968, Special Condition 3E
PERMIT 19849, Special Condition 11E
PERMIT 3173, Special Condition 6E

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

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(2)(C)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 13
OP 1948, Special Condition 1A
PERMIT 3173, Special Condition 6F

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

Self Report? NO Classificatio Minor

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

Rqmt Prov: OP 1948, Special Condition 13
PERMIT 19849, Special Condition 7D

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

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 106, SubChapter K 106.261(a)(2)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 13
PERMIT 3173, Special Condition 1

Description: VOC emissions from V118 exceeded the combined hourly emissions limit of 6.49 lb/hr 0.52 lb/hr permitted in Permit 3173 and 5.97 lb/hr represented in PBR Registration No. 74572.

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

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

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

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 1A

Description: Failure to monitor a relief valve in Unit LPGFE within 24 hours after the valve released emissions to the atmosphere

Date: 08/28/2006 (479997)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(2)

30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 3219, Special Condition 2I
OP O-1668, Special Condition 15
OP O-1668, Special Condition 1H(v)

Description: Failure to repair Component No. 64110.P in OP2FUG within 15 days

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 3219, Special Condition 2E
OP O-1668, Special Condition 15
OP O-1668, Special Condition 1A

Description: Forty-nine incidences of open-ended lines in OP2FUG

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 3214, Special Condition 5E
OP O-1668, Special Condition 15
OP O-1668, Special Condition 1A

Description: 26 OELs in OL3FUG and 4 OELs in PYR3FUG

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT UU 63.1033(b)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 3214, Special Condition 5E
PERMIT 3219, Special Condition 2E
OP O-1668, Special Condition 15
OP O-1668, Special Condition 1A

Description: 28 OELs in OL3FUG, 4 OELs in OP2FUG, and 25 OELs in PYR3FUG

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 3219, Maximum Allowable Emission Rates
OP O-1668, Special Condition 15

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

Date: 08/29/2006 (479999)

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 15E
OP O-1943, Special Condition 17
OP O-1943, Special Condition 1A

Description: One OEL in ACUFUG and one OEL in FUGOXU

Self Report? NO Classificatio Moderate

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

Rqmt Prov: PERMIT 9334, Special Condition 7
OP O-1943, Special Condition 17

Description: Incomplete records of furnace firing rates for the ACU furnace, EPN H902

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.120(a)(3)(iii)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP O-1943, Special Condition 1A

Description: Failure to conduct internal inspection of Tank F-361 by the due date of May 2005

Self Report? NO Classificatio 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)

Rqmt Prov: PERMIT 9334, Special Condition 8
OP O-1943, Special Condition 17

Description: Operation of the East Property Flare with visible emissions

Self Report? NO Classificatio 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 Classificatio Moderate

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

Rqmt Prov: PERMIT 9334, Special Condition 10D
OP O-1943, Special Condition 17

Description: Failure to provide notification to the TCEQ 30 days in advance of taking gap measurements in Tank G-359

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(2)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 10D
OP O-1943, Special Condition 17
OP O-1943, Special Condition 1A

Description: Failure to perform the annual seal gap inspection for Tank G-343 by the due date of September 1, 2005.

Date: 08/31/2006 (457283)

Self Report? NO Classificatio Moderate

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

Rqmt Prov: PERMIT 48912, Special Condition 5
OP O-2108, Special Condition 15

Description: Failure to analyze wastewater for isobutyraldehyde

Self Report? NO Classificatio 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)

Rqmt Prov: OP O-2108, Special Condition 1A

Description: Failure to meet the control requirements for VOC water separators NAPI and SAPI

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.116b(f)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP O-2108, Special Condition 1A

Description: Failure to obtain vapor pressure sample from T-1318

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(f)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP O-2108, Special Condition 1A

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

Date: 11/03/2006 (513328)

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.223(a)(1)
5C THC Chapter 382, SubChapter D 382.085(b)

Description: Shell failed to submit a CAP in a timely manner.

Date: 11/14/2006 (512687)

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP #O-01669, Special Condition #1A

Description: Failure to record the daily visual observations of flare per 30 TAC111.111(a)(4)(A)(ii).

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP #O-01669, Special Condition #1A
OP FOP #O-01669, Special Condition #1D

Description: Failure to prevent visible emissions in the operation of flares on six different occasions during the compliance certification period as required by 40 CFR 63.11(b)(4) and 40 CFR 60.18(c)(1).

Self Report? NO Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)
30 TAC Chapter 115, SubChapter H 115.782(a)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.246(b)(1)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(f)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Description: Failure to maintain leaking component tags on 15 leaking LDAR components per 30 TAC 115.354(5).

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-1(d)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Description: Failure to maintain 94 LDAR components with identification tags as required by 40 CFR 61.242-1(d) as
well NSR Permits #3216 and #3218.

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 1A
OP FOP O-01946, Special Condition 1M(iv)
OP FOP O-01946, Special Condition 21
PA NSR Permit 3215, Special Condition 2E
PA NSR Permit 3216, Special Condition 2
PA NSR Permit 3216, Special Condition 6E
PA NSR Permit 3217, Special Condition 3E
PA NSR Permit 3218, Special Condition 2
PA NSR Permit 3218, Special Condition 8E

Description: Failure to cap 57 open-ended valves/lines per 30 TAC115.352(4). Some of these open-ends are violations of HON, NSPS, NESHAPs, and several NSR permits.

Self Report? NO Classificatio Minor

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

Rqmt Prov: OP FOP O-01946, Special Condition 21
PA NSR Permit 3216, Special Condition 5

Description: Failure to monitor the firing rate of the FOL-601 furnace for 213 hours as required by NSR Permit
#3216, Special Condition #5.

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(f)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Description: Failure to continuously monitor for the presence of a flare pilot light on the OP3ELFLA unit, on two
separate occasions for a total of 156 hours, as required by 40 CFR 60.18(f)(2), 40 CFR 63.11(b)(5),
and NSR #3219, SC#4.

Self Report? NO Classificatio Minor

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

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

Description: Failure to comply with NSR Permit #3216 MAERT limits for EPN FOL604, by emitting to
atmosphere 93.7 lbs. of VOC during a four hour period on January 23, 2006.

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(a)(1)(B)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Description: Failure to capture required fuel gas monitoring and recordkeeping data, for approximately eight hours
on February 17, 2006, relating to uncontrolled HRVOC-service vents, as required by 30 TAC
115.725(a)(1)(B).

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.725(a)(1)(C)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Description: Failure to limit the fuel gas flow for Flare FOL-604 to 19,100scf/hr. for approximately 180 hours
between February 1 through February 16, 2006. Exceeding this limit is a violation of 30 TAC
115.725(a)(1)(C).

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(2)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.113b(b)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 1A

Description: Failure to perform seal gap inspections for Tank 354 as required by 30 TAC 115.114(a)(2) and 40
CFR 60.113b(b)(1).

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 68, SubChapter C, PT 68, SubPT D 68.73(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 28

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

Date: 02/27/2007 (532471)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.146(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP #O-01947, General Terms & Conditions

Description: Failure to submit PCC within 30 days as required.

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.145(2)(C)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP #O-01947, General Terms & Conditions

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

Date: 02/28/2007 (575168)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio 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)
Rqmt Prov: OP Title V O-01669,General Terms/Condition
Description: failed to submit a permit compliance certification and a deviation report in a timely manner.
Date: 08/31/2007 (601572)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio 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)
Rqmt Prov: PERMIT NSR 18576, Special Condition 7H
PERMIT NSR 3217, Special Condition 3H
OP O-01946 Special Conditions 1M(iv)
OP O-01946 Special Conditons 1A
Description: Failure to affix and maintain leaking component tags on Leak Detection and Repair components.

Self Report? NO Classificatio 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)
Rqmt Prov: PERMIT NSR 3216, Special Condition 2
PERMIT NSR 3218, Special Condition 2
OP O-01946 Special Condition 1A
OP O-01946 Special Condition 21
Description: Failure to affix permanent identification tags on 76 LDAR components.

Self Report? NO Classificatio 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)
Rqmt Prov: PERMIT NSR 18576, Special Condition 7E
PERMIT NSR 3216, Special Condition 6E
PERMIT NSR 3217, Special Condition 3E
PERMIT NSR 3218, Special Condition 8E
OP O-01946 Special Condition 1A
OP O-01946 Special Condition 1M(iv)
OP O-01946 Special Condition 21
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 Classificatio 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)

Rqmt Prov: OP O-01946 Special Condition 1M(ii)

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

Self Report? NO Classificatio 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)

Rqmt Prov: OP O-01946 Special Condition 1M(ii)

Description: Failure to meet HRVOC monitoring/recordkeeping requirements.

Self Report? NO Classificatio 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)

Rqmt Prov: PERMIT NSR 3216, Special Condition 11C
OP O-01946 Special Condition 21

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 Classificatio 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)

Rqmt Prov: OP O-01946 Special Condition 21
PERMIT Special Condition 11B

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

Self Report? NO Classificatio 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: PERMIT NSR 3216, Special Condition 5
OP O-01946 Special Condition 21

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.

F. Environmental audits.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Notice of Intent Date: 08/06/2004 (334047)
Disclosure Date: 08/26/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter A
40 CFR Chapter 261, SubChapter I, PT 261, SubPT A
Description: Failure to characterize a process water stream from a leaking economizer, which contained K022 waste.

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

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

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

Viol. Classification: Moderate
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: 10/28/2004 (263123)
No DOV Associated

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

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

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

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

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

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

Viol. Classification: Minor

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

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

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

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

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

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

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

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

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

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

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

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
Description: incorporation by reference of 40 CFR 63 Subpart G (SOCMI for Process Vents, Storage Vessels, Transfer Operations, and Wastewater MACT standard)

Notice of Intent Date: 01/27/2005 (350723)
Disclosure Date: 07/06/2005

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

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

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

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

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

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

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

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

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

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

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

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

Notice of Intent Date: 01/05/2006 (452942)

No DOV Associated

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

Notice of Intent Date: 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)
No DOV Associated

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

G. Type of environmental management systems (EMSs).

Non 30 TAC CH 90 Certified, ISO 14001:2004, installed 1/12/2005, certified 1/19/2006

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

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

J. Early compliance.

N/A

Sites Outside of Texas

N/A

Compliance History

Customer/Respondent/Owner-Operator:	CN601542012	Shell Oil Company	Classification: AVERAGE	Rating: 5.74
Regulated Entity:	RN100211879	SHELL OIL DEER PARK	Classification: AVERAGE	Site Rating: 4.03

ID Number(s):

AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0659W
AIR OPERATING PERMITS	PERMIT	1669
AIR OPERATING PERMITS	PERMIT	1668
AIR OPERATING PERMITS	PERMIT	1940
AIR OPERATING PERMITS	PERMIT	1941
AIR OPERATING PERMITS	PERMIT	1942
AIR OPERATING PERMITS	PERMIT	1943
AIR OPERATING PERMITS	PERMIT	1945
AIR OPERATING PERMITS	PERMIT	1946
AIR OPERATING PERMITS	PERMIT	1947
AIR OPERATING PERMITS	PERMIT	1948
AIR OPERATING PERMITS	PERMIT	2108
AIR OPERATING PERMITS	PERMIT	3179
WASTEWATER	PERMIT	WQ0000402000
WASTEWATER	PERMIT	TPDES0004863
WASTEWATER	PERMIT	TX0004863
WASTEWATER	PERMIT	WQ0000403000
WASTEWATER	PERMIT	TPDES0004871
AIR NEW SOURCE PERMITS	PERMIT	3180
AIR NEW SOURCE PERMITS	PERMIT	21262
AIR NEW SOURCE PERMITS	REGISTRATION	54895
AIR NEW SOURCE PERMITS	REGISTRATION	55312
AIR NEW SOURCE PERMITS	REGISTRATION	76382
AIR NEW SOURCE PERMITS	REGISTRATION	75524
AIR NEW SOURCE PERMITS	REGISTRATION	55730
AIR NEW SOURCE PERMITS	REGISTRATION	55869
AIR NEW SOURCE PERMITS	REGISTRATION	76315
AIR NEW SOURCE PERMITS	PERMIT	6949
AIR NEW SOURCE PERMITS	PERMIT	7855
AIR NEW SOURCE PERMITS	PERMIT	9856
AIR NEW SOURCE PERMITS	PERMIT	11177
AIR NEW SOURCE PERMITS	PERMIT	12152
AIR NEW SOURCE PERMITS	PERMIT	12537
AIR NEW SOURCE PERMITS	PERMIT	13373
AIR NEW SOURCE PERMITS	PERMIT	13713
AIR NEW SOURCE PERMITS	PERMIT	16429
AIR NEW SOURCE PERMITS	PERMIT	1119
AIR NEW SOURCE PERMITS	PERMIT	1120
AIR NEW SOURCE PERMITS	PERMIT	3178
AIR NEW SOURCE PERMITS	PERMIT	3179
AIR NEW SOURCE PERMITS	PERMIT	3216
AIR NEW SOURCE PERMITS	PERMIT	5801
AIR NEW SOURCE PERMITS	PERMIT	6791
AIR NEW SOURCE PERMITS	PERMIT	7621
AIR NEW SOURCE PERMITS	PERMIT	9334
AIR NEW SOURCE PERMITS	PERMIT	10888
AIR NEW SOURCE PERMITS	PERMIT	11096
AIR NEW SOURCE PERMITS	PERMIT	11586
AIR NEW SOURCE PERMITS	PERMIT	12373
AIR NEW SOURCE PERMITS	PERMIT	12829
AIR NEW SOURCE PERMITS	PERMIT	13678
AIR NEW SOURCE PERMITS	PERMIT	15961
AIR NEW SOURCE PERMITS	PERMIT	8236
AIR NEW SOURCE PERMITS	PERMIT	9505
AIR NEW SOURCE PERMITS	PERMIT	15262
AIR NEW SOURCE PERMITS	PERMIT	15365
AIR NEW SOURCE PERMITS	PERMIT	15499
AIR NEW SOURCE PERMITS	PERMIT	15940
AIR NEW SOURCE PERMITS	PERMIT	18209
AIR NEW SOURCE PERMITS	PERMIT	18576
AIR NEW SOURCE PERMITS	PERMIT	18738
AIR NEW SOURCE PERMITS	PERMIT	18768
AIR NEW SOURCE PERMITS	PERMIT	19849
AIR NEW SOURCE PERMITS	PERMIT	22038
AIR NEW SOURCE PERMITS	EPA ID	PSDTX815
AIR NEW SOURCE PERMITS	PERMIT	23273
AIR NEW SOURCE PERMITS	PERMIT	24096
AIR NEW SOURCE PERMITS	PERMIT	24874
AIR NEW SOURCE PERMITS	PERMIT	26368
AIR NEW SOURCE PERMITS	PERMIT	27598
AIR NEW SOURCE PERMITS	PERMIT	29597
AIR NEW SOURCE PERMITS	PERMIT	32282
AIR NEW SOURCE PERMITS	PERMIT	33524

AIR NEW SOURCE PERMITS	PERMIT	34230
AIR NEW SOURCE PERMITS	PERMIT	34358
AIR NEW SOURCE PERMITS	PERMIT	35243
AIR NEW SOURCE PERMITS	PERMIT	35608
AIR NEW SOURCE PERMITS	PERMIT	37206
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0659W
AIR NEW SOURCE PERMITS	AFS NUM	4820100039
AIR NEW SOURCE PERMITS	PERMIT	96
AIR NEW SOURCE PERMITS	PERMIT	97
AIR NEW SOURCE PERMITS	PERMIT	266
AIR NEW SOURCE PERMITS	PERMIT	747
AIR NEW SOURCE PERMITS	PERMIT	748
AIR NEW SOURCE PERMITS	PERMIT	920
AIR NEW SOURCE PERMITS	PERMIT	1920
AIR NEW SOURCE PERMITS	PERMIT	1968
AIR NEW SOURCE PERMITS	PERMIT	2597
AIR NEW SOURCE PERMITS	PERMIT	3173
AIR NEW SOURCE PERMITS	PERMIT	3177
AIR NEW SOURCE PERMITS	PERMIT	3214
AIR NEW SOURCE PERMITS	PERMIT	3215
AIR NEW SOURCE PERMITS	PERMIT	3217
AIR NEW SOURCE PERMITS	PERMIT	3218
AIR NEW SOURCE PERMITS	PERMIT	3219
AIR NEW SOURCE PERMITS	PERMIT	3985A
AIR NEW SOURCE PERMITS	PERMIT	4256
AIR NEW SOURCE PERMITS	PERMIT	4406
AIR NEW SOURCE PERMITS	PERMIT	4596
AIR NEW SOURCE PERMITS	PERMIT	4933
AIR NEW SOURCE PERMITS	PERMIT	41920
AIR NEW SOURCE PERMITS	PERMIT	41875
AIR NEW SOURCE PERMITS	PERMIT	42221
AIR NEW SOURCE PERMITS	PERMIT	42573
AIR NEW SOURCE PERMITS	PERMIT	42512
AIR NEW SOURCE PERMITS	PERMIT	43605
AIR NEW SOURCE PERMITS	PERMIT	42118
AIR NEW SOURCE PERMITS	PERMIT	45654
AIR NEW SOURCE PERMITS	PERMIT	45653
AIR NEW SOURCE PERMITS	PERMIT	45652
AIR NEW SOURCE PERMITS	PERMIT	45944
AIR NEW SOURCE PERMITS	PERMIT	46535
AIR NEW SOURCE PERMITS	PERMIT	47575
AIR NEW SOURCE PERMITS	PERMIT	70613
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	PSDTX961
AIR NEW SOURCE PERMITS	EPA ID	PSDTX974
AIR NEW SOURCE PERMITS	REGISTRATION	77284
AIR NEW SOURCE PERMITS	REGISTRATION	76699
AIR NEW SOURCE PERMITS	REGISTRATION	77952
AIR NEW SOURCE PERMITS	REGISTRATION	76265
AIR NEW SOURCE PERMITS	REGISTRATION	78839
AIR NEW SOURCE PERMITS	REGISTRATION	78864
AIR NEW SOURCE PERMITS	REGISTRATION	78624
AIR NEW SOURCE PERMITS	REGISTRATION	78816
AIR NEW SOURCE PERMITS	REGISTRATION	79604
AIR NEW SOURCE PERMITS	REGISTRATION	80525
AIR NEW SOURCE PERMITS	REGISTRATION	80503
AIR NEW SOURCE PERMITS	REGISTRATION	81503
AIR NEW SOURCE PERMITS	REGISTRATION	81971
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID	TXD067285973
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)	30007

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

Location: 5900 Hwy 225 Rating Date: September 01 07 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: February 06, 2008

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: February 06, 2003 to February 06, 2008

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

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

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? Yes
3. If Yes, who is the current owner?
   - Shell Deer Park Refining Company
   - Shell Chemical LP
   - Shell Oil Company
   - Deer Park Refining Limited Parternship
4. if Yes, who was/were the prior owner(s)?
   - Shell Oil Company
   - Equilon Enterprises LLC
5. When did the change(s) in ownership occur? 6/10/2004

Components (Multimedia) for the Site :

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

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

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
40 CFR Part 61, Subpart V 61.242-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(d)(1)(i)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 113, SubChapter C 113.120
40 CFR Part 63, Subpart G 63.114(a)(1)(ii)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Classification: Moderate

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

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

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

Classification: Major

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

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

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

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100
30 TAC Chapter 113, SubChapter C 113.120

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

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

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

Classification: Moderate

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

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

Classification: Moderate

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

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

Classification: Moderate

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

30 TAC Chapter 116, SubChapter G 116.721(a)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Classification: Minor

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

30 TAC Chapter 101, SubChapter F 101.201(c)
5C THC Chapter 382, SubChapter A 382.085(b)

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

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

Classification: Moderate

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

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: 08/29/2006 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.

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

N/A

C. Chronic excessive emissions events.

N/A

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

1 02/10/2003 (157684)
2 02/12/2003 (24287)
3 02/13/2003 (22044)
4 02/20/2003 (10139)
5 02/24/2003 (157683)
6 02/24/2003 (22731)
7 02/28/2003 (157734)
8 03/25/2003 (157687)
9 03/31/2003 (10812)
10 03/31/2003 (157737)
11 04/03/2003 (19124)
12 04/23/2003 (157693)
13 04/29/2003 (157742)
14 05/09/2003 (26339)
15 05/10/2003 (450832)
16 05/11/2003 (26340)
17 05/22/2003 (157697)
18 05/27/2003 (157746)
19 05/30/2003 (36614)
20 06/05/2003 (29924)
21 06/16/2003 (114383)
22 06/24/2003 (157701)
23 06/25/2003 (157750)
24 06/26/2003 (60695)
25 06/28/2003 (33595)
26 07/23/2003 (284079)
27 07/23/2003 (295231)

28	07/25/2003	(157705)
29	07/25/2003	(157709)
30	08/06/2003	(114294)
31	08/12/2003	(148558)
32	08/23/2003	(36650)
33	08/26/2003	(295233)
34	08/29/2003	(149848)
35	09/22/2003	(295235)
36	09/25/2003	(295217)
37	10/22/2003	(249626)
38	10/23/2003	(295219)
39	10/27/2003	(295237)
40	10/28/2003	(252341)
41	11/21/2003	(295220)
42	11/26/2003	(295238)
43	11/30/2003	(248256)
44	12/17/2003	(295221)
45	12/23/2003	(295239)
46	01/02/2004	(257380)
47	01/02/2004	(252698)
48	01/04/2004	(251319)
49	01/14/2004	(254260)
50	01/21/2004	(252556)
51	01/22/2004	(295240)
52	01/26/2004	(295222)
53	01/28/2004	(261052)
54	02/23/2004	(248995)
55	02/23/2004	(432673)
56	02/27/2004	(295223)
57	03/16/2004	(295208)
58	03/24/2004	(295225)
59	03/31/2004	(260311)
60	04/16/2004	(256199)
61	04/21/2004	(295209)
62	04/23/2004	(295226)
63	05/19/2004	(256196)
64	05/19/2004	(295206)
65	05/19/2004	(295211)
66	05/25/2004	(268601)
67	05/25/2004	(295228)
68	05/25/2004	(266874)
69	05/26/2004	(273578)
70	06/03/2004	(270210)
71	06/09/2004	(272409)
72	06/18/2004	(271341)
73	06/18/2004	(270854)
74	06/21/2004	(295213)
75	06/23/2004	(352010)
76	07/14/2004	(260134)
77	07/22/2004	(352011)
78	07/26/2004	(352004)
79	08/11/2004	(288458)
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81	08/11/2004	(287418)
82	08/11/2004	(287399)
83	08/16/2004	(279252)
84	08/16/2004	(279239)
85	08/23/2004	(352012)
86	08/24/2004	(352003)
87	08/24/2004	(352005)
88	08/31/2004	(272715)
89	08/31/2004	(267451)
90	08/31/2004	(268068)
91	08/31/2004	(292677)
92	09/07/2004	(292099)
93	09/22/2004	(352013)
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95	10/04/2004	(352006)
96	10/18/2004	(335028)
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103	11/22/2004	(352015)
104	11/23/2004	(352008)
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111	12/14/2004	(341177)
112	12/14/2004	(342547)
113	12/15/2004	(340217)
114	12/17/2004	(339115)
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116	12/21/2004	(342546)
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137	01/10/2005	(287676)
138	01/10/2005	(279219)
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142	01/31/2005	(342585)
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149	03/28/2005	(381810)
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153	04/22/2005	(575179)
154	04/29/2005	(344372)
155	05/03/2005	(373899)
156	05/09/2005	(378729)
157	05/18/2005	(575182)
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162	06/21/2005	(419643)
163	06/28/2005	(394944)
164	07/06/2005	(398907)
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208	11/23/2005	(433921)
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211	11/28/2005	(468332)
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215	12/21/2005	(575199)
216	12/22/2005	(575200)
217	12/27/2005	(468333)
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228	02/24/2006	(438342)
229	02/24/2006	(468329)
230	02/25/2006	(456944)
231	02/25/2006	(457085)
232	02/27/2006	(457162)
233	02/27/2006	(456661)
234	02/28/2006	(457143)
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287	07/24/2006	(575189)
288	07/26/2006	(487301)
289	07/27/2006	(486448)
290	07/31/2006	(482753)
291	08/08/2006	(482747)
292	08/14/2006	(480383)
293	08/16/2006	(392732)
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295	08/18/2006	(457480)
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299	08/28/2006	(479997)
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301	08/29/2006	(479999)
302	08/30/2006	(509636)
303	08/31/2006	(457283)
304	09/07/2006	(510326)
305	09/22/2006	(575194)
306	09/25/2006	(520134)
307	09/29/2006	(487313)
308	10/04/2006	(510017)
309	10/04/2006	(512388)
310	10/05/2006	(510021)
311	10/05/2006	(512393)
312	10/05/2006	(512392)
313	10/13/2006	(510023)
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315	10/24/2006	(544406)
316	10/26/2006	(512394)
317	10/27/2006	(515112)
318	10/31/2006	(513138)
319	10/31/2006	(509694)
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321	11/03/2006	(513228)
322	11/03/2006	(513328)
323	11/06/2006	(515706)
324	11/16/2006	(512687)
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340	01/22/2007	(575202)
341	01/31/2007	(537439)
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365	05/09/2007	(467500)
366	05/14/2007	(542697)
367	05/16/2007	(575170)
368	05/18/2007	(542652)
369	05/22/2007	(575184)
370	05/29/2007	(559183)
371	05/30/2007	(560809)
372	06/20/2007	(575171)
373	06/22/2007	(575187)
374	06/25/2007	(563779)
375	06/25/2007	(564308)
376	06/27/2007	(564822)
377	06/27/2007	(564828)
378	07/06/2007	(565610)
379	07/10/2007	(565422)
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382	07/23/2007	(575178)
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385	08/03/2007	(568522)
386	08/13/2007	(571026)
387	08/14/2007	(567884)
388	08/15/2007	(571883)
389	08/17/2007	(571025)
390	08/22/2007	(607528)
391	09/18/2007	(571877)
392	09/19/2007	(572770)
393	09/20/2007	(601572)
394	09/24/2007	(607529)
395	10/12/2007	(560777)
396	10/16/2007	(593594)
397	10/18/2007	(601573)
398	10/25/2007	(596852)
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403 11/19/2007 (572257)
404 11/19/2007 (599691)
405 11/27/2007 (597446)
406 11/30/2007 (608138)
407 11/30/2007 (601276)
408 12/04/2007 (600886)
409 12/20/2007 (610419)
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411 01/17/2008 (599615)
412 01/17/2008 (600635)
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425 02/01/2008 (613923)
426 02/01/2008 (614301)
427 02/04/2008 (614031)
428 02/05/2008 (610680)

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

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

Date: 07/31/2003 (157709)
Self Report? YES Classificatio 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: 09/30/2003 (295219)
Self Report? YES Classificatio 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: 11/30/2003 (295239)
Self Report? YES Classificatio 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: 01/04/2004 (251319)
Self Report? NO Classificatio Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: PERMIT TCEQ AIR PERMIT #19849, SC #1
Description: Shell allowed 237 lbs of unauthorized emissions of mesityl oxide (a highly irritating ketone, which overflowed Tank T-40-16 due to an inaccurate level indicator and failure to respond to a high level alarm from the back up high level alarm system.

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

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

Date: 04/30/2004 (295228)
Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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: 07/13/2004 (260134)

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT TCEQ AIR PERMIT #920, SC #1

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

Date: 08/31/2004 (272715)

Self Report? NO Classificatio Moderate

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

Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC #8

Description: Failure to operate within the permit limits.

Date: 08/31/2004 (267451)

Self Report? NO Classificatio Moderate

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

Rqmt Prov: PERMIT No. 21262 and PSD-TX-928

Description: Failure to prevent unauthorized emissions.

Date: 09/22/2004 (335028)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.46(m)

Description: Failure to maintain all pressure maintenance facilities and related appurtenances in a watertight condition.

Date: 09/30/2004 (352007)

Self Report? YES Classificatio 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: 11/22/2004 (285617)

Self Report? NO Classificatio Moderate

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

Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC #8

Description: Failure to operate within the permit limits.

Self Report? NO Classificatio Minor

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

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

Date: 11/30/2004 (352009)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(4)
30 TAC Chapter 305, SubChapter F 305.125(5)
TWC Chapter 26 26.121(a)(1)

Description: Failure to prevent the unauthorized discharge of untreated or partially treated process, sanitary, balast, and utility wastewaters through outfall 008. The permittee is authorized to discharge storm water and fire water only to outfall 008. See attached Table 1.

Date: 12/28/2004 (290091)

Self Report? NO Classificatio Moderate

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

Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC #8

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

Date: 12/30/2004 (344491)

Self Report? NO Classificatio Moderate

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

Rqmt Prov: PA Permit #21262/PSD-TX-928, SC#1

Description: Failure to control emissions.

Date: 12/30/2004 (344374)

Self Report? NO Classificatio Moderate

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

Rqmt Prov: PA Permit #s:21262,PSD-TX-928, SC #1
Description: Failure to Control Emissions
Date: 01/04/2005 (342600)

Self Report? NO Classificatio Moderate

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

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
Description: Failure to report emissions event in a timely manner.
Date: 01/07/2005 (288436)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 21262 and PSD-TX-928
Description: Exceeded permit limits during an avoidable emissions event.
Date: 01/09/2005 (289381)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT TCEQ Air Permit #3219 and PSD-TX-974
Description: Exceeded permit limits during an avoidable emissions event.
Date: 03/31/2005 (419640)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio 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)

Self Report? YES Classificatio 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: 06/20/2005 (395120)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No. 9334, Gen. Condition #8
Description: Failure to prevent spill during tank heel transfer.

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failure to submit an emissions event in a timely manner.
Date: 07/31/2005 (419643)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio 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 Classificatio 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 Classificatio Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
Description: Failure to maintain ammonia emissions below 10ppm on furnace 180.
Date: 09/30/2005 (468331)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Description: Failure to maintain compliance with the effluent permit limits. Effluent violations were reported for ammonia-nitrogen at outfall 104 in 07/05 and for calcium, nickel and fecal coliform at outfall 001 in 03/05.
Date: 02/23/2006 (439108)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA 3219 AND PSD-TX-974
Description: Exceeded permit limits during an avoidable emissions event.
Date: 02/27/2006 (438342)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failed to control unauthorized emissions.
Date: 04/04/2006 (455004)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PA NSR Permit #3173, Special Condition #1
Description: Failure to control unauthorized emissions for Incident #64365.
Date: 05/17/2006 (461235)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.665(f)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(j)(7)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1946, Special Condition 15H
OP 1946, Special Condition 1A
Description: Failure to record whether the pilot flame was continuously present during each hour for Flares OP2ELFLA and OP3ELFLA

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1668, Special Condition 1A
Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and OP3GRFLA.

Self Report? NO Classificatio Moderate

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)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1668, Special Condition 1A
PERMIT 3219, Special Conditions 5 and 6
Description: Operation of Flares OP2ELFLA, OP3ELFLA and OP3GRFLA with visible emissions .

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1946, Special Condition 1A
OP 1946, Special Condition 21
PERMIT 3216, Special Condition 6E
PERMIT 3218, Special Condition 8E
Description: Nine OELs in HT2; 2 OELs in CIPX

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT 18576, Special Condition 7E
OP 1946, Special Condition 1A

OP 1946, Special Condition 21
Description: Failure to seal 18 OELs in IRU.
Self Report? NO Classificatio Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)
Rqmt Prov: OP 1946, Special Condition 1A
OP 1946, Special Condition 21
PERMIT 3217, Special Condition 3E
Description: Failure to seal OELs in BD3.
Self Report? NO Classificatio Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1946, Special Condition 21
PERMIT 3216, Special Condition 1
PERMIT 3216, Special Condition 5
Description: Furnaces FOL-601 and FOL-602 exceeded the permitted maximum hourly firing rates.
Self Report? NO Classificatio Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: OP 1946, Special Condition 21
PERMIT 3216, Special Conditions 1 and 4
Description: The fuel gas used by Furnaces FOL601, FOL602, FOL603 and FOL604 exceeded the permitted maximum H2S concentration.
Date: 05/31/2006 (455293)
Self Report? NO Classificatio Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: PERMIT No. 3219 and PSD-TX-974 MAERT
Description: Failure to prevent an operator error resulting in unauthorized emissions.
Date: 06/15/2006 (457735)
Self Report? NO Classificatio Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: PERMIT 9334 MAERT
Description: Failure to prevent a leak from a line that was bent beyond its minimum flex radius creating a weak point that resulted in unauthorized emissions.
Date: 06/16/2006 (510170)
Self Report? NO Classificatio Minor
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
Rqmt Prov: PERMIT Self-reporting Requirements
Description: Using unapproved self-generated Discharge Monitoring Report (DMR) forms to report monitoring results.
Date: 06/28/2006 (467525)
Self Report? NO Classificatio Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT #21262, Special Condition #1
Description: Failure to prevent overpressure of Secondary Debutanizer Column, V-613.
Date: 06/30/2006 (520133)
Self Report? YES Classificatio 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: 07/14/2006 (467608)
Self Report? NO Classificatio Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: PERMIT No 3219 MAERT
Description: Failure to prevent unauthorized emissions during decoking of furnace FOL170.
Date: 07/31/2006 (440775)
Self Report? YES Classificatio 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)
Self Report? YES Classificatio 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)
Self Report? NO Classificatio Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)

30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 266, SC 7E
PERMIT 3985A, SC 7E
OP O-01947, Special Condition 13
OP O-01947, Special Condition 1A

Description: 3 OELs in SITEFE and 1 OEL in WRACKFE

Date: 08/23/2006 (457432)

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 1A

Description: Components associated with Tank F-347 and Tank F-349 were not identified as being subject to 40 CFR 63, Subpart H.

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Description: 10 OELs in MPLANTFE

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 13
OP 1948, Special Condition 1A
PERMIT 1968, Special Condition 3E
PERMIT 19849, Special Condition 11E
PERMIT 3173, Special Condition 6E

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

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(2)(C)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 13
OP 1948, Special Condition 1A
PERMIT 3173, Special Condition 6F

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

Self Report? NO Classificatio Minor

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

Rqmt Prov: OP 1948, Special Condition 13
PERMIT 19849, Special Condition 7D

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

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 106, SubChapter K 106.261(a)(2)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 13
PERMIT 3173, Special Condition 1

Description: VOC emissions from V118 exceeded the combined hourly emissions limit of 6.49 lb/hr 0.52 lb/hr permitted in Permit 3173 and 5.97 lb/hr represented in PBR Registration No. 74572.

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

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

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

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP 1948, Special Condition 1A

Description: Failure to monitor a relief valve in Unit LPGFE within 24 hours after the valve released emissions to the atmosphere

Date: 08/28/2006 (479997)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(2)

30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 3219, Special Condition 2I
OP O-1668, Special Condition 15
OP O-1668, Special Condition 1H(v)

Description: Failure to repair Component No. 64110.P in OP2FUG within 15 days

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 3219, Special Condition 2E
OP O-1668, Special Condition 15
OP O-1668, Special Condition 1A

Description: Forty-nine incidences of open-ended lines in OP2FUG

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 3214, Special Condition 5E
OP O-1668, Special Condition 15
OP O-1668, Special Condition 1A

Description: 26 OELs in OL3FUG and 4 OELs in PYR3FUG

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT UU 63.1033(b)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 3214, Special Condition 5E
PERMIT 3219, Special Condition 2E
OP O-1668, Special Condition 15
OP O-1668, Special Condition 1A

Description: 28 OELs in OL3FUG, 4 OELs in OP2FUG, and 25 OELs in PYR3FUG

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 3219, Maximum Allowable Emission Rates
OP O-1668, Special Condition 15

Description: Exceedance of VOC MAER in tpy for the Olefins Flare System
Date: 08/29/2006 (479999)

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 15E
OP O-1943, Special Condition 17
OP O-1943, Special Condition 1A

Description: One OEL in ACUFUG and one OEL in FUGOXU

Self Report? NO Classificatio Moderate

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

Rqmt Prov: PERMIT 9334, Special Condition 7
OP O-1943, Special Condition 17

Description: Incomplete records of furnace firing rates for the ACU furnace, EPN H902

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.120(a)(3)(iii)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP O-1943, Special Condition 1A

Description: Failure to conduct internal inspection of Tank F-361 by the due date of May 2005

Self Report? NO Classificatio 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)

Rqmt Prov: PERMIT 9334, Special Condition 8
OP O-1943, Special Condition 17

Description: Operation of the East Property Flare with visible emissions

Self Report? NO Classificatio 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 Classificatio Moderate

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

Rqmt Prov: PERMIT 9334, Special Condition 10D
OP O-1943, Special Condition 17

Description: Failure to provide notification to the TCEQ 30 days in advance of taking gap measurements in Tank G-359

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(2)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 10D
OP O-1943, Special Condition 17
OP O-1943, Special Condition 1A

Description: Failure to perform the annual seal gap inspection for Tank G-343 by the due date of September 1, 2005.

Date: 08/31/2006 (457283)

Self Report? NO Classificatio Moderate

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

Rqmt Prov: PERMIT 48912, Special Condition 5
OP O-2108, Special Condition 15

Description: Failure to analyze wastewater for isobutyraldehyde

Self Report? NO Classificatio 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)

Rqmt Prov: OP O-2108, Special Condition 1A

Description: Failure to meet the control requirements for VOC water separators NAPI and SAPI

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.116b(f)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP O-2108, Special Condition 1A

Description: Failure to obtain vapor pressure sample from T-1318

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(f)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP O-2108, Special Condition 1A

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

Date: 11/03/2006 (513328)

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.223(a)(1)
5C THC Chapter 382, SubChapter D 382.085(b)

Description: Shell failed to submit a CAP in a timely manner.

Date: 11/14/2006 (512687)

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP #O-01669, Special Condition #1A

Description: Failure to record the daily visual observations of flare per 30 TAC111.111(a)(4)(A)(ii).

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP #O-01669, Special Condition #1A
OP FOP #O-01669, Special Condition #1D

Description: Failure to prevent visible emissions in the operation of flares on six different occasions during the compliance certification period as required by 40 CFR 63.11(b)(4) and 40 CFR 60.18(c)(1).

Self Report? NO Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)
30 TAC Chapter 115, SubChapter H 115.782(a)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.246(b)(1)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(f)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Description: Failure to maintain leaking component tags on 15 leaking LDAR components per 30 TAC 115.354(5).

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-1(d)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Description: Failure to maintain 94 LDAR components with identification tags as required by 40 CFR 61.242-1(d) as
well NSR Permits #3216 and #3218.

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 1A
OP FOP O-01946, Special Condition 1M(iv)
OP FOP O-01946, Special Condition 21
PA NSR Permit 3215, Special Condition 2E
PA NSR Permit 3216, Special Condition 2
PA NSR Permit 3216, Special Condition 6E
PA NSR Permit 3217, Special Condition 3E
PA NSR Permit 3218, Special Condition 2
PA NSR Permit 3218, Special Condition 8E

Description: Failure to cap 57 open-ended valves/lines per 30 TAC115.352(4). Some of these open-ends are violations of HON, NSPS, NESHAPs, and several NSR permits.

Self Report? NO Classificatio Minor

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

Rqmt Prov: OP FOP O-01946, Special Condition 21
PA NSR Permit 3216, Special Condition 5

Description: Failure to monitor the firing rate of the FOL-601 furnace for 213 hours as required by NSR Permit
#3216, Special Condition #5.

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(f)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Description: Failure to continuously monitor for the presence of a flare pilot light on the OP3ELFLA unit, on two
separate occasions for a total of 156 hours, as required by 40 CFR 60.18(f)(2), 40 CFR 63.11(b)(5),
and NSR #3219, SC#4.

Self Report? NO Classificatio Minor

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

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

Description: Failure to comply with NSR Permit #3216 MAERT limits for EPN FOL604, by emitting to
atmosphere 93.7 lbs. of VOC during a four hour period on January 23, 2006.

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(a)(1)(B)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Description: Failure to capture required fuel gas monitoring and recordkeeping data, for approximately eight hours
on February 17, 2006, relating to uncontrolled HRVOC-service vents, as required by 30 TAC
115.725(a)(1)(B).

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.725(a)(1)(C)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

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

Description: Failure to limit the fuel gas flow for Flare FOL-604 to 19,100scf/hr. for approximately 180 hours
between February 1 through February 16, 2006. Exceeding this limit is a violation of 30 TAC
115.725(a)(1)(C).

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(2)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.113b(b)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 1A

Description: Failure to perform seal gap inspections for Tank 354 as required by 30 TAC 115.114(a)(2) and 40
CFR 60.113b(b)(1).

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 68, SubChapter C, PT 68, SubPT D 68.73(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 28

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

Date: 02/27/2007 (532471)

Self Report? NO Classificatio Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.146(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP #O-01947, General Terms & Conditions

Description: Failure to submit PCC within 30 days as required.

Self Report? NO Classificatio Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.145(2)(C)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP #O-01947, General Terms & Conditions

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

Date: 02/28/2007 (575168)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio 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)
Rqmt Prov: OP Title V O-01669,General Terms/Condition
Description: failed to submit a permit compliance certification and a deviation report in a timely manner.
Date: 08/31/2007 (601572)

Self Report? YES Classificatio 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)

Self Report? YES Classificatio 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)

Self Report? NO Classificatio 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)
Rqmt Prov: PERMIT NSR 18576, Special Condition 7H
PERMIT NSR 3217, Special Condition 3H
OP O-01946 Special Conditions 1M(iv)
OP O-01946 Special Conditons 1A
Description: Failure to affix and maintain leaking component tags on Leak Detection and Repair components.

Self Report? NO Classificatio 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)
Rqmt Prov: PERMIT NSR 3216, Special Condition 2
PERMIT NSR 3218, Special Condition 2
OP O-01946 Special Condition 1A
OP O-01946 Special Condition 21
Description: Failure to affix permanent identification tags on 76 LDAR components.

Self Report? NO Classificatio 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)
Rqmt Prov: PERMIT NSR 18576, Special Condition 7E
PERMIT NSR 3216, Special Condition 6E
PERMIT NSR 3217, Special Condition 3E
PERMIT NSR 3218, Special Condition 8E
OP O-01946 Special Condition 1A
OP O-01946 Special Condition 1M(iv)
OP O-01946 Special Condition 21
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 Classificatio 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)

Rqmt Prov: OP O-01946 Special Condition 1M(ii)
Description: Failure to stay below the maximum operating limit for vents in HRVOC service.
Self Report? NO Classificatio 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)
Rqmt Prov: OP O-01946 Special Condition 1M(ii)
Description: Failure to meet HRVOC monitoring/recordkeeping requirements.
Self Report? NO Classificatio 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)
Rqmt Prov: PERMIT NSR 3216, Special Condition 11C
OP O-01946 Special Condition 21
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 Classificatio 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)
Rqmt Prov: OP O-01946 Special Condition 21
PERMIT Special Condition 11B
Description: Failure to continuously monitor the Gross Heating Value (GHV) measurement of the fuel gas.
Self Report? NO Classificatio 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: PERMIT NSR 3216, Special Condition 5
OP O-01946 Special Condition 21
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.

F. Environmental audits.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Notice of Intent Date: 08/06/2004 (334047)
Disclosure Date: 08/26/2004

Viol. Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter A
40 CFR Chapter 261, SubChapter I, PT 261, SubPT A
Description: Failure to characterize a process water stream from a leaking economizer, which contained K022 waste.

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

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

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

Viol. Classification: Moderate
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: 10/28/2004 (263123)
No DOV Associated

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

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

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

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

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

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

Viol. Classification: Minor

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

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

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

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

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

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

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

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

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

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

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

Viol. Classification: Moderate
Citation: 30 TAC Chapter 113, SubChapter C
Description: incorporation by reference of 40 CFR 63 Subpart G (SOCMI for Process Vents, Storage Vessels, Transfer Operations, and Wastewater MACT standard)

Notice of Intent Date: 01/27/2005 (350723)
Disclosure Date: 07/06/2005

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

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

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

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

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

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

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

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

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

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

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

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

Notice of Intent Date: 01/05/2006 (452942)

No DOV Associated

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

Notice of Intent Date: 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)
No DOV Associated

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

G. Type of environmental management systems (EMSs).

Non 30 TAC CH 90 Certified, ISO 14001:2004, installed 1/12/2005, certified 1/19/2006

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

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

J. Early compliance.

N/A

Sites Outside of Texas

N/A

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

AGREED ORDER
DOCKET NO. 2008-0283-AIR-E

I. JURISDICTION AND STIPULATIONS

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 Chemical LP and Shell Oil Company ("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 appear before the Commission and together stipulate that:

1. Shell Chemical LP operates a chemical manufacturing plant and Shell Oil Company operates a petroleum refinery 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. The Commission and the Respondents agree that the Commission has jurisdiction to enter this Agreed Order, and that the Respondents are subject to the Commission's jurisdiction.

4. The Respondents received notices of the violations alleged in Section II ("Allegations") on February 4, 2008.

5. The occurrence of any violation is in dispute and the entry of this Agreed Order shall not constitute an admission by the Respondents of any violation alleged in Section II ("Allegations"), nor of any statute or rule.

6. An administrative penalty in the amount of Twenty Thousand Dollars ($20,000) is assessed by the Commission in settlement of the violations alleged in Section II ("Allegations"). The Respondents have paid Eight Thousand Dollars ($8,000) of the administrative penalty and Four Thousand Dollars ($4,000) is deferred contingent upon the Respondents' timely and satisfactory

compliance with all the terms of this Agreed Order. The deferred amount will be waived upon full compliance with the terms of this Agreed Order. If the Respondents fail to timely and satisfactorily comply with all requirements of this Agreed Order, the Executive Director may require the Respondents to pay all or part of the deferred penalty. Eight Thousand Dollars ($8,000) shall be conditionally offset by the Respondents' completion of a Supplemental Environmental Project ("SEP").

7. Any notice and procedures, which might otherwise be authorized or required in this action, are waived in the interest of a more timely resolution of the matter.

8. The Executive Director of the TCEQ and the Respondents have agreed on a settlement of the matters alleged in this enforcement action, subject to the approval of the Commission.

9. The Executive Director recognizes that the Respondents have implemented the following corrective action measures:

   a. With regard to Incident No. 98777:

      i. By October 26, 2007, audited all Olefins Plant #3 ("OP3") valve stroke test outputs from the TDC (Total Distributed Control - Honeywell model type of the process computer) to ensure they are in the "normal" position;

      ii. By November 7, 2007, communicated to appropriate Plant personnel the best practice of utilizing the bypass enable key for resetting features;

      iii. By November 31, 2007, added stroke test indication to the Instrument Protection Function ("IPF") schematic;

      iv. By November 31, 2007, changed alarm priority to "HIGH" for the valve stroke test Distributed Control System (the process control computer) points;

      v. By October 30, 2007 deferred all scheduled on-line tests at OP3 until corrective actions above were completed; and

      vi. By February 20, 2008, reviewed logic/procedures for issues that could lead to unit upset for IPFs that had not been on-line tested since the OP3 Revamp project.

   b. With regard to Incident No. 99227:

      i. By October 24, 2007, replaced the housing and lube oil pressure switch; and

      ii. By December 17, 2007, added inspection of all lube oil pressure switch housings to turn around Preventative Maintenance list at the Cat Feed Hydrotreater.

10. The Executive Director may, without further notice or hearing, refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings if the

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

11. 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.

12. 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.

II. ALLEGATIONS

As operators of the Plants, the Respondents are alleged to have:

1. Failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3) and 116.115(b)(2)(F), New Source Review Permit No. 3219 and PSD-TX-974, Maximum Allowable Emission Rates and TEX. HEALTH & SAFETY CODE § 382.085(b), as documented during an investigation conducted on November 15, 2007. Specifically, unauthorized emissions of 1,627 pounds ("lbs") of carbon monoxide ("CO"), 330 lbs of nitrogen oxides ("NOx"), and 8 lbs of hydrogen sulfide ("H2S"), 211 lbs of sulfur dioxide, and 1,200 lbs of volatile organic compounds ("VOCs") were released through the OP-2 Elevated Flare, the OP-3 Elevated Flare, and the OP-3 Ground Flare in the Olefins 3 Unit during an emissions event (Incident No. 98777) that occurred on October 15, 2007 and lasted six hours and 40 minutes. Since these emissions were avoidable, the demonstrations in 30 TEX. ADMIN. CODE § 101.222 necessary to present an affirmative defense were not met.

2. Failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3) and 116.715(a), Flexible Permit No. 21262 and PSD-TX-928, Special Condition 1 and TEX. HEALTH & SAFETY CODE § 382.085(b), as documented during a record review conducted on January 9, 2008. 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 VOCs, 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. Since these emissions were avoidable, the demonstrations in 30 TEX. ADMIN. CODE § 101.222 necessary to present an affirmative defense were not met.

III. DENIALS

The Respondents generally deny each allegation in Section II ("Allegations").

IV. ORDERING PROVISIONS

1. It is, therefore, ordered by the TCEQ that the Respondents pay an administrative penalty as set forth in Section I, Paragraph 6 above. The payment of this administrative penalty and the Respondents' compliance with all the terms and conditions set forth in this Agreed Order resolve only the allegations in Section II. The Commission shall not be constrained in any manner from requiring corrective action or penalties for violations which are not raised here. Administrative penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: Shell Chemical LP and Shell Oil Company, Docket No. 2008-0283-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 SEP in accordance with TEX. WATER CODE § 7.067. As set forth in Section I, Paragraph 6 above, Eight Thousand Dollars ($8,000) 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. It is further ordered that the Respondents shall undertake the following technical requirements:

   a. By October 30, 2008, in order to address Incident No. 98777, complete revision of the off-line function test procedures by removing the valve stroke test section; and

   b. By November 14, 2008, submit written certification as described below, and include detailed supporting documentation including photographs, receipts, and/or other records to demonstrate compliance with Ordering Provision No. 3.a. The certification shall be notarized by a State of Texas Notary Public and include the following certification language:

      "I certify under penalty of law that I have personally examined and am familiar with the information submitted and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

      The certification shall be submitted to:

      Order Compliance Team
      Enforcement Division, MC 149A
      Texas Commission on Environmental Quality
      P.O. Box 13087
      Austin, Texas 78711-3087

with a copy to:

Air Section, Manager
Houston Regional Office
Texas Commission on Environmental Quality
5425 Polk Avenue, Suite H
Houston, Texas 77023-1486

4. 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 Plants' operations referenced in this Agreed Order.

5. 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.

6. 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.

7. 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.

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

9. Under 30 TEX. ADMIN. CODE § 70.10(b), the effective date is the date of hand-delivery of the Order to the Respondents, or three days after the date on which the Commission mails notice of the Order to the Respondents, whichever is earlier. The Chief Clerk shall provide a copy of this Agreed Order to each of the parties.

SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission

For the Executive Director — Date: 7/30/2008

I, the undersigned, have read and understand the attached Agreed Order. I am authorized to agree to the attached Agreed Order on behalf of the entity indicated below my signature, and I do agree to the terms and conditions specified therein. I further acknowledge that the TCEQ, in accepting payment for the penalty amount, is materially relying on such representation.

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 — Date: 5/07/08

AAMIR FARID — Name (Printed or typed)
Authorized Representative of
Shell Chemical LP

GENERAL MGR — Title

Signature — Date: 5/07/08

AAMIR FARID — Name (Printed or typed)
Authorized Representative of
Shell Oil Company

GENERAL MGR — 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: 2008-0283-AIR-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:	**Shell Chemical LP and Shell Oil Company**
Payable Penalty Amount:	**Sixteen Thousand Dollars ($16,000)**
SEP Amount:	**Eight Thousand Dollars ($8,000)**
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 Respondent to contribute to a Supplemental Environmental Project ("SEP"). The offset is equal to the SEP Amount set forth above and is conditioned upon completion of the project in accordance with the terms of this Attachment A.

1. Project Description

A. Project

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

B. Environmental Benefit

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

C. Minimum Expenditure

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

2. Performance Schedule

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

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

3. Records and Reporting

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

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

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

Texas Commission on Environmental Quality
Financial Administration Division, Revenues
Attention: Cashier, MC 214
P.O. Box 13088
Austin, Texas 78711-3088

The Respondent 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 Respondent must include a clear statement that the project was performed as part of the settlement of an enforcement action brought by the TCEQ. Such statements include advertising, public relations, and press releases.

6. Clean Texas Program

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

7. Other SEPs by TCEQ or Other Agencies

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