

**EXECUTIVE SUMMARY - ENFORCEMENT MATTER** Page 1 of 3  
**DOCKET NO.:** 2008-0635-AIR-E **TCEQ ID:** RN100211879 **CASE NO.:** 35743  
**RESPONDENT NAME:** Shell Oil Company and Shell Chemical LP

<b>ORDER TYPE:</b>		
<input type="checkbox"/> 1660 AGREED ORDER	<input checked="" type="checkbox"/> FINDINGS AGREED ORDER	<input type="checkbox"/> FINDINGS ORDER FOLLOWING SOAH HEARING
<input type="checkbox"/> FINDINGS DEFAULT ORDER	<input type="checkbox"/> SHUTDOWN ORDER	<input type="checkbox"/> IMMINENT AND SUBSTANTIAL ENDANGERMENT ORDER
<input type="checkbox"/> AMENDED ORDER	<input type="checkbox"/> EMERGENCY ORDER	
<b>CASE TYPE:</b>		
<input checked="" type="checkbox"/> AIR	<input type="checkbox"/> MULTI-MEDIA (check all that apply)	<input type="checkbox"/> INDUSTRIAL AND HAZARDOUS WASTE
<input type="checkbox"/> PUBLIC WATER SUPPLY	<input type="checkbox"/> PETROLEUM STORAGE TANKS	<input type="checkbox"/> OCCUPATIONAL CERTIFICATION
<input type="checkbox"/> WATER QUALITY	<input type="checkbox"/> SEWAGE SLUDGE	<input type="checkbox"/> UNDERGROUND INJECTION CONTROL
<input type="checkbox"/> MUNICIPAL SOLID WASTE	<input type="checkbox"/> RADIOACTIVE WASTE	<input type="checkbox"/> DRY CLEANER REGISTRATION
<p><b>SITE WHERE VIOLATION(S) OCCURRED:</b> Shell Oil Deer Park, 5900 Highway 225 East, Deer Park, Harris County</p> <p><b>TYPE OF OPERATION:</b> Petroleum refinery and chemical manufacturing plant</p> <p><b>SMALL BUSINESS:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><b>OTHER SIGNIFICANT MATTERS:</b> There are no complaints. There are five additional pending enforcement actions regarding this facility location, Docket Nos. 2006-0328-MLM-E, 2007-0837-AIR-E, 2007-1218-AIR-E, 2008-0283-AIR-E, and 2008-1092-AIR-E.</p> <p><b>INTERESTED PARTIES:</b> No one other than the ED and the Respondents have expressed an interest in this matter.</p> <p><b>COMMENTS RECEIVED:</b> The <i>Texas Register</i> comment period expired on October 6, 2008. No comments were received.</p> <p><b>CONTACTS AND MAILING LIST:</b>  <b>TCEQ Attorney/SEP Coordinator:</b> Ms. Melissa Keller, SEP Coordinator, Enforcement Division, MC 219, (512) 239-1768  <b>TCEQ Enforcement Coordinator:</b> Ms. Miriam Hall, Enforcement Division, Enforcement Team 4, MC 149, (512) 239-1044; Mr. Bryan Sinclair, Enforcement Division, MC 219, (512) 239-2171  <b>Respondent:</b> Mr. Steven Hansen, Environmental Manager, Shell Oil Company and Shell Chemical LP, P.O. Box 100, Deer Park, Texas 77536  Mr. Aamir Farid, General Manager, Shell Oil Company and Shell Chemical LP, P.O. Box 100, Deer Park, Texas 77536  <b>Respondent's Attorney:</b> Not represented by counsel on this enforcement matter</p>		

**VIOLATION SUMMARY CHART:**

VIOLATION INFORMATION	PENALTY CONSIDERATIONS	CORRECTIVE ACTIONS TAKEN/REQUIRED
<p><b>Type of Investigation:</b>  <input type="checkbox"/> Complaint  <input checked="" type="checkbox"/> Routine  <input type="checkbox"/> Enforcement Follow-up  <input type="checkbox"/> Records Review</p> <p><b>Date(s) of Complaints Relating to this Case:</b> None</p> <p><b>Date of Investigation Relating to this Case:</b> February 6 and 7, 2008, February 26, 2008, and April 24, 2008</p> <p><b>Date of NOV/NOE Relating to this Case:</b> March 20, April 9, and May 2, 2008 (NOE)</p> <p><b>Background Facts:</b> These were routine investigations.</p> <p><b>AIR</b></p> <p>1) Failure to prevent unauthorized emissions from the East Property Flare on December 16, 2007 [30 TEX. ADMIN. CODE §§ 101.20(3) and 116.715(a) and (c)(7), New Source Review Permit ("NSRP") No. 21262/PSD-TX-928, Special Condition ("SC") 1, and TEX. HEALTH &amp; SAFETY CODE § 382.085(b)].</p> <p>2) Failure to provide information within 14 days of the Additional Information Request dated February 11, 2008 [30 TEX. ADMIN. CODE § 101.201(f) and TEX. HEALTH &amp; SAFETY CODE § 382.085(b)].</p> <p>3) Failure to maintain the volatile organic compound maximum allowable emission rate of 0.52 pounds per hour at Vent V118 for six hours from April 2, 2007 to August 30, 2007 [30 TEX. ADMIN. CODE §§ 116.115(c) and 122.143(4), NSRP No. 3173, SC 1, Federal Operating Permit No. O-01948, Special Terms and Conditions 13.A., and TEX. HEALTH &amp; SAFETY CODE § 382.085(b)].</p> <p>4) Failure to prevent unauthorized emissions from the Coker Flare on February 4, 2008 [30 TEX. ADMIN. CODE §§ 101.20(3) and 116.715(a) and (c)(7), NSRP No. 21262/PSD-TX-928, SC 1, and TEX. HEALTH &amp; SAFETY CODE § 382.085(b)].</p>	<p><b>Total Assessed:</b> \$43,970</p> <p><b>Total Deferred:</b> \$0  <input type="checkbox"/> Expedited Settlement  <input type="checkbox"/> Financial Inability to Pay</p> <p><b>SEP Conditional Offset:</b> \$21,985</p> <p><b>Total Paid to General Revenue:</b> \$21,985</p> <p><b>Site Compliance History Classification</b>  <input type="checkbox"/> High <input checked="" type="checkbox"/> Average <input type="checkbox"/> Poor</p> <p><b>Person Compliance History Classification</b>  <input type="checkbox"/> High <input checked="" type="checkbox"/> Average <input type="checkbox"/> Poor</p> <p><b>Major Source:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><b>Applicable Penalty Policy:</b> September 2002</p> <p><b>Findings Orders Justification:</b> Environmental receptors have been exposed to pollutants which exceed levels that are protective.</p>	<p><b>Corrective Actions Taken:</b></p> <p>The Executive Director recognizes that the Respondents have implemented the following corrective measures at the Plants:</p> <p>a. On December 21, 2007, Shell Oil Company added high and low alarms to level indicator L1127B as a temporary measure until detailed review of alarm strategy could be completed;</p> <p>b. On December 27, 2007, Shell Oil Company installed steam tracing on the high pressure taps at liquid level controller L127A;</p> <p>c. By February 6, 2008, to prevent emission exceedances at Vent V118, Shell Chemical LP implemented real-time tracking, reset the controller limits, and installed new limit switches;</p> <p>d. On February 4, 2008, Shell Oil Company reviewed the winterization of critical instrumentation on the Hydro Desulfurization Unit 2 separator system;</p> <p>e. On February 26, 2008, Shell Oil Company submitted information for the Additional Information Request dated February 11, 2008;</p> <p>f. On April 9, 2008, Shell Oil Company designed and implemented process computer interface data input screens; and</p> <p>g. On April 29, 2008, Shell Oil Company reviewed the alarm strategy for the high pressure, low temperature separators and debutanizer for earlier indication of instrument failure.</p> <p><b>Ordering Provisions:</b></p> <p>1) The Order will require the Respondents to implement and complete a Supplemental Environmental Project (SEP). (See SEP Attachment A)</p> <p>2) The Order will also require Shell Oil Company to:</p>

		<p>a. By September 30, 2009, implement improvements to designs, operations, and/or maintenance practices that address the causes leading to the February 4, 2008 emissions event and are designed to prevent recurrence of same or similar incidents; and</p> <p>b. Within 30 days of completing Ordering Provision No. 2.a., submit written certification and include detailed supporting documentation including photographs, receipts, and/or other records to demonstrate compliance with Ordering Provision No 2.a.</p>
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Additional ID No(s): HG0659W



**SUPPLEMENTAL ENVIRONMENTAL PROJECT**

**Respondent:** Shell Oil Company and Shell Chemical LP

**Payable Penalty Amount:** Forty-Three Thousand Nine Hundred Seventy Dollars (\$43,970)

**SEP Amount:** Twenty-One Thousand Nine Hundred Eighty-Five Dollars (\$21,985)

**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 March 8, 2008

<b>DATES</b>	<b>Assigned</b>	31-Mar-2008			
	<b>PCW</b>	14-Jul-2008	<b>Screening</b>	14-Apr-2008	<b>EPA Due</b> 19-Dec-2008

<b>RESPONDENT/FACILITY INFORMATION</b>	
<b>Respondent</b>	Shell Oil Company and Shell Chemical LP
<b>Reg. Ent. Ref. No.</b>	RN100211879
<b>Facility/Site Region</b>	12-Houston
<b>Major/Minor Source</b>	Major

<b>CASE INFORMATION</b>			
<b>Enf./Case ID No.</b>	35743	<b>No. of Violations</b>	4
<b>Docket No.</b>	2008-0635-AIR-E	<b>Order Type</b>	Findings
<b>Media Program(s)</b>	Air	<b>Enf. Coordinator</b>	Miriam Hall
<b>Multi-Media</b>		<b>EC's Team</b>	Enforcement Team 4
<b>Admin. Penalty \$</b>	<b>Limit Minimum</b> \$0	<b>Maximum</b>	\$10,000

## Penalty Calculation Section

<b>TOTAL BASE PENALTY (Sum of violation base penalties)</b>	<b>Subtotal 1:</b>	\$25,100
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### ADJUSTMENTS (+/-) TO SUBTOTAL 1

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

<b>Compliance History</b>	370% Enhancement	<b>Subtotals 2, 3, &amp; 7:</b>	\$92,870
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**Notes:** The penalty was enhanced for 40 NOVs for same or similar violations, 35 NOVs for other violations, five 1660 orders, two Findings orders, and one court order. The penalty was reduced for 47 notices of intended audit, nine disclosure letters, an EMS, and participation in a voluntary pollution reduction program.

<b>Culpability</b>	No	0% Enhancement	<b>Subtotal 4:</b>	\$0
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**Notes:** The Respondent does not meet the culpability criteria.

<b>Good Faith Effort to Comply</b>	0% Reduction	<b>Subtotal 5:</b>	\$0
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	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary		
N/A	X	(mark with x)

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

<b>Total EB Amounts</b>	\$81	0% Enhancement	<b>Subtotal 6:</b>	\$0
<b>Approx. Cost of Compliance</b>	\$2,550	*Capped at the Total EB \$ Amount		

<b>SUM OF SUBTOTALS 1-7</b>	<b>Final Subtotal:</b>	\$117,970
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<b>OTHER FACTORS AS JUSTICE MAY REQUIRE</b>	0%	<b>Adjustment:</b>	\$0
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Reduces or enhances the Final Subtotal by the indicated percentage.

**Notes:**

**Final Penalty Amount** \$117,970

<b>STATUTORY LIMIT ADJUSTMENT</b>	<b>Final Assessed Penalty:</b>	\$43,970
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<b>DEFERRAL</b>	0% Reduction	<b>Adjustment:</b>	\$0
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Reduces the Final Assessed Penalty by the indicated percentage. (Enter number only; e.g. 20 for 20% reduction.)

**Notes:**

No deferral is recommended for Findings Orders.

<b>PAYABLE PENALTY</b>	\$43,970
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Screening Date 14-Apr-2008

Docket No. 2008-0635-AIR-E

PCW

Respondent Shell Oil Company and Shell Chemical LP

Policy Revision 2 (September 2002)

Case ID No. 35743

PCW Revision March 8, 2008

Reg. Ent. Reference No. RN100211879

Media [Statute] Air

Enf. Coordinator Miriam Hall

### Compliance History Worksheet

>> Compliance History Site Enhancement (Subtotal 2)

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written NOVs with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	40	200%
	Other written NOVs	35	70%
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)	47	-47%
	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 (EMS) 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) 370%

>> Repeat Violator (Subtotal 3)

No

Adjustment Percentage (Subtotal 3) 0%

>> Compliance History Person Classification (Subtotal 7)

Average Performer

Adjustment Percentage (Subtotal 7) 0%

>> Compliance History Summary

Compliance History Notes

The penalty was enhanced for 40 NOVs for same or similar violations, 35 NOVs for other violations, five 1660 orders, two Findings orders, and one court order. The penalty was reduced for 47 notices of intended audit, nine disclosure letters, an EMS, and participation in a voluntary pollution reduction program.

Total Adjustment Percentage (Subtotals 2, 3, & 7) 370%

**Screening Date** 14-Apr-2008 **Docket No.** 2008-0635-AIR-E **PGW**  
**Respondent** Shell Oil Company and Shell Chemical LP *Policy Revision 2 (September 2002)*  
**Case ID No.** 35743 *PCW Revision March 8, 2008*  
**Reg. Ent. Reference No.** RN100211879  
**Media [Statute]** Air  
**Enf. Coordinator** Miriam Hall

**Violation Number**   
**Rule Cite(s)** 30 Tex. Admin. Code §§ 101.20(3), 116.715(a) and (c)(7), New Source Review Permit ("NSRP") No. 21262/PSD-TX-928, Special Condition ("SC") 1, and Tex. Health & Safety Code § 382.085(b)  
**Violation Description** Failed to prevent the failure of the level controller on the high pressure separator on December 16, 2007 resulting in the unauthorized release from the East Property Flare of 5,229.88 pounds ("lbs") of volatile organic compounds ("VOC"), 2,046.90 lbs of carbon monoxide ("CO"), 505.10 lbs of hydrogen sulfide ("H2S"), 283.4 lbs of nitrogen oxide ("NOx"), 26.80 lbs of particulate matter ("PM"), and 36,122.10 lbs of sulfur dioxide ("SO2") during an event lasting 16 hours and 30 minutes. Because these emissions could have been foreseen and avoided by good design and/or maintenance practices, the demonstrations for an affirmative defense in 30 Tex. Admin. Code § 101.222 could not be met.  
**Base Penalty**

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

Release	Harm			Percent
	Major	Moderate	Minor	
Actual	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="100%"/>
Potential	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

  
**>> Programmatic Matrix**  

Falsification	Harm			Percent
	Major	Moderate	Minor	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="0%"/>

  
**Matrix Notes** Human health or the environment has been exposed to significant emissions which exceed levels that are protective of human health or environmental receptors as a result of this violation.  
**Adjustment**

**Adjustment**  **Base Penalty**

**Violation Events**  
 Number of Violation Events  Number of violation days   
 mark only one with an x  

daily	<input checked="" type="checkbox"/>
monthly	<input type="checkbox"/>
quarterly	<input type="checkbox"/>
semiannual	<input type="checkbox"/>
annual	<input type="checkbox"/>
single event	<input type="checkbox"/>

**Violation Base Penalty**   
 One daily event is recommended.

**Economic Benefit (EB) for this violation** **Statutory Limit Test**  
 Estimated EB Amount  Violation Final Penalty Total   
 This violation Final Assessed Penalty (adjusted for limits)

## Economic Benefit Worksheet

**Respondent:** Shell Oil Company and Shell Chemical LP  
**Case ID No:** 35743

**Reg. Ent. Reference No:** RN100211879

**Media:** Air  
**Violation No:** 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost <small>(No commas or \$)</small>	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
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### 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	\$0	\$0
Record Keeping System				0.0	\$0	\$0	\$0
Training/Sampling				0.0	\$0	\$0	\$0
Remediation/Disposal				0.0	\$0	\$0	\$0
Permit Costs				0.0	\$0	\$0	\$0
Other (as needed)	\$1,000	16-Dec-2007	29-Apr-2008	0.4	\$18	\$0	\$18

Notes for DELAYED costs

The estimated cost for corrective measures from the date of the violation until the date the actions were completed.

### Avoided Costs

ANNUALIZE [4] avoided costs before entering item (except for one-time avoided costs)

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

Notes for AVOIDED costs

Approx. Cost of Compliance

\$1,000

**TOTAL**

\$18

<b>Screening Date</b>	14-Apr-2008	<b>Docket No.</b>	2008-0635-AIR-E	<b>PCW</b>
<b>Respondent</b>	Shell Oil Company and Shell Chemical LP			Policy Revision 2 (September 2002)
<b>Case ID No.</b>	35743			PCW Revision March 8, 2008
<b>Reg. Ent. Reference No.</b>	RN100211879			
<b>Media [Statute]</b>	Air			
<b>Ent. Coordinator</b>	Miriam Hall			
<b>Violation Number</b>	2			
<b>Rule Cite(s)</b>	30 Tex. Admin. Code § 101.201(f) and Tex. Health & Safety Code § 382.085(b)			
<b>Violation Description</b>	Failed to provide information within 14 days of the Additional Information Request dated February 11, 2008. Specifically, the additional information was due on February 25, 2008; however, it was not submitted until February 26, 2008.			
<b>Base Penalty</b>	\$10,000			

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

<b>OR</b>	<b>Harm</b>				
	<b>Release</b>	<b>Major</b>	<b>Moderate</b>	<b>Minor</b>	
	<b>Actual</b>				<b>Percent</b> <input type="text" value="0%"/>
	<b>Potential</b>				

**>> Programmatic Matrix**

	<b>Falsification</b>	<b>Major</b>	<b>Moderate</b>	<b>Minor</b>	
				X	<b>Percent</b> <input type="text" value="1%"/>

**Matrix Notes**  
The Respondent met more than 70% of the rule requirement.

**Adjustment**

**Violation Events**

Number of Violation Events  Number of violation days

mark only one with an x

daily	<input type="text"/>
monthly	<input type="text"/>
quarterly	<input type="text"/>
semiannual	<input type="text"/>
annual	<input type="text"/>
single event	X

**Violation Base Penalty**

One single event is recommended.

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

Estimated EB Amount  Violation Final Penalty Total

This violation Final Assessed Penalty (adjusted for limits)

## Economic Benefit Worksheet

**Respondent:** Shell Oil Company and Shell Chemical LP  
**Case ID No:** 35743  
**Reg. Ent. Reference No:** RN100211879  
**Media:** Air  
**Violation No:** 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
<small>No commas or \$</small>							

### 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	\$0	\$0
Record Keeping System				0.0	\$0	\$0	\$0
Training/Sampling				0.0	\$0	\$0	\$0
Remediation/Disposal				0.0	\$0	\$0	\$0
Permit Costs				0.0	\$0	\$0	\$0
Other (as needed)	\$50	25-Feb-2008	26-Feb-2008	0.0	\$0	\$0	\$0

Notes for DELAYED costs

The estimated cost of providing the information from the due date to completion date.

### Avoided Costs

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

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

Notes for AVOIDED costs

Approx. Cost of Compliance

\$50

**TOTAL**

\$0

<b>Screening Date</b>	14-Apr-2008	<b>Docket No.</b>	2008-0635-AIR-E	<b>PCW</b>
<b>Respondent</b>	Shell Oil Company and Shell Chemical LP			Policy Revision 2 (September 2002)
<b>Case ID No.</b>	35743			PCW Revision March 8, 2008
<b>Reg. Ent. Reference No.</b>	RN100211879			
<b>Media [Statute]</b>	Air			
<b>Enf. Coordinator</b>	Miriam Hall			
<b>Violation Number</b>	3			
<b>Rule Cite(s)</b>	30 Tex. Admin. Code §§ 116.115(c), 122.143(4), NSRP No. 3173, SC 1, Federal Operating Permit No. O-01948, Special Terms and Conditions 13.A., and Tex. Health & Safety Code § 382.085(b)			
<b>Violation Description</b>	Failed to maintain the VOC maximum allowable emission rate ("MAER") of 0.52 lbs per hour at Vent V118 for six hours from April 2, 2007 to August 30, 2007. Specifically, on April 2, May 24, May 25, May 26, June 9, and August 30, 2007 the MAER was exceeded for one hour on each day resulting in total excess emissions of 21.14 lbs for the whole time period.			
<b>Base Penalty</b>				\$10,000

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

OR	<b>Harm</b>			
	Release	Major	Moderate	Minor
	Actual			x
	Potential			
				<b>Percent</b> <input type="text" value="25%"/>

**>> Programmatic Matrix**

	Falsification	Major	Moderate	Minor	
					<b>Percent</b> <input type="text" value="0%"/>
<b>Matrix Notes</b>	Human health or the environment has been exposed to insignificant emissions which do not exceed levels that are protective of human health or environmental receptors as a result of this violation.				

**Adjustment**

**Violation Events**

Number of Violation Events   Number of violation days

mark only one with an x	daily	
	monthly	
	quarterly	x
	semiannual	
	annual	
	single event	

**Violation Base Penalty**

Two quarterly events are recommended from April 2 to August 30, 2007.

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

Estimated EB Amount  Violation Final Penalty Total

This violation Final Assessed Penalty (adjusted for limits)

### Economic Benefit Worksheet

**Respondent:** Shell Oil Company and Shell Chemical LP

**Case ID No.:** 35743

**Reg. Ent. Reference No.:** RN100211879

**Media:** Air

**Violation No.:** 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB/Amount
<small>No commas or \$</small>							

**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	2-Apr-2007	6-Feb-2008	0.8	\$21	N/A	\$21

Notes for DELAYED costs

The estimated cost of corrective actions from the date of the first violation to the date the 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**

\$21

<b>Screening Date</b>	14-Apr-2008	<b>Docket No.</b>	2008-0635-AIR-E	<b>PCW</b>
<b>Respondent</b>	Shell Oil Company and Shell Chemical LP			<i>Policy Revision 2 (September 2002)</i>
<b>Case ID No.</b>	35743			<i>PCW Revision March 8, 2008</i>
<b>Reg. Ent. Reference No.</b>	RN100211879			
<b>Media [Statute]</b>	Air			
<b>Enf. Coordinator</b>	Miriam Hall			
<b>Violation Number</b>	4			
<b>Rule Cite(s)</b>	30 Tex. Admin. Code §§ 101.20(3), 116.715(a) and (c)(7), NSRP No. 21262/PSD-TX-928, SC 1, and Tex. Health & Safety Code § 382.085(b)			
<b>Violation Description</b>	Failed to prevent an electrical failure on February 4, 2008 which led to the malfunction of the wet gas compressor and the unauthorized release from the Coker Flare of 1,024.58 lbs of VOC, 1,037.83 lbs of CO, 376.98 lbs of H2S, 143.69 lbs of NOx, 16.55 lbs of PM, and 35,397.4 lbs of SO2 during an event lasting two hours and 21 minutes. Because the cause of the electrical failure could not be determined, the demonstrations for an affirmative defense in 30 Tex. Admin. Code § 101.222 could not be met.			
<b>Base Penalty</b>	\$10,000			

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

Release	Harm			Percent
	Major	Moderate	Minor	
Actual	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	100%
Potential	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

>> **Programmatic Matrix**

Falsification	Harm			Percent
	Major	Moderate	Minor	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0%

**Matrix Notes**  
Human health or the environment has been exposed to significant emissions which exceed levels that are protective of human health or environmental receptors as a result of this violation.

**Adjustment** \$0

**Base Penalty** \$10,000

**Violation Events**

Number of Violation Events  Number of violation days

mark only one with an x	daily	<input checked="" type="checkbox"/>
	monthly	<input type="checkbox"/>
	quarterly	<input type="checkbox"/>
	semiannual	<input type="checkbox"/>
	annual	<input type="checkbox"/>
	single event	<input type="checkbox"/>

**Violation Base Penalty** \$10,000

One daily event is recommended.

<b>Economic Benefit (EB) for this violation</b>	<b>Statutory Limit Test</b>
Estimated EB Amount <input type="text" value="\$41"/>	Violation Final Penalty Total <input type="text" value="\$47,000"/>
This violation Final Assessed Penalty (adjusted for limits) <input type="text" value="\$10,000"/>	

### Economic Benefit Worksheet

**Respondent:** Shell Oil Company and Shell Chemical LP  
**Case ID No.:** 35743

**Reg. Ent. Reference No.:** RN100211879

**Media:** Air  
**Violation No.:** 4

Percent Interest	Years of Depreciation
5.0	15

Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Item Description	No commas or \$					

**Delayed Costs**

Equipment			0.0	\$0	\$0	\$0
Buildings			0.0	\$0	\$0	\$0
Other (as needed)			0.0	\$0	\$0	\$0
Engineering/construction			0.0	\$0	\$0	\$0
Land			0.0	\$0	n/a	\$0
Record Keeping System			0.0	\$0	n/a	\$0
Training/Sampling			0.0	\$0	n/a	\$0
Remediation/Disposal			0.0	\$0	n/a	\$0
Permit Costs			0.0	\$0	n/a	\$0
Other (as needed)	\$1,000	4-Feb-2008	30-Nov-2008	0.8	\$41	\$41

Notes for DELAYED costs

The estimated cost for corrective measures from the date of the violation until the estimated date the actions will be completed.

**Avoided Costs**

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

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

Notes for AVOIDED costs

Approx. Cost of Compliance

\$1,000

**TOTAL**

\$41

# 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):	ACCOUNT NUMBER	
AIR OPERATING PERMITS	PERMIT	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	PSDTX974
AIR NEW SOURCE PERMITS	REGISTRATION	77284
AIR NEW SOURCE PERMITS	REGISTRATION	76699
AIR NEW SOURCE PERMITS	REGISTRATION	77952
AIR NEW SOURCE PERMITS	REGISTRATION	76265
AIR NEW SOURCE PERMITS	REGISTRATION	78839
AIR NEW SOURCE PERMITS	REGISTRATION	78864
AIR NEW SOURCE PERMITS	REGISTRATION	78624
AIR NEW SOURCE PERMITS	REGISTRATION	78816
AIR NEW SOURCE PERMITS	REGISTRATION	79604
AIR NEW SOURCE PERMITS	REGISTRATION	80525
AIR NEW SOURCE PERMITS	REGISTRATION	80503
AIR NEW SOURCE PERMITS	REGISTRATION	81503
AIR NEW SOURCE PERMITS	REGISTRATION	81971
AIR NEW SOURCE PERMITS	REGISTRATION	84642
AIR NEW SOURCE PERMITS	REGISTRATION	84354
AIR NEW SOURCE PERMITS	REGISTRATION	84538
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 E, DEER PARK, TX, 77536 Rating Date: September 01 07 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: May 05, 2008

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: May 05, 2003 to May 05, 2008

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

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

### Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? Yes
3. If Yes, who is the current owner?

Shell Deer Park Refining Company  
Shell Chemical LP  
Shell Oil Company  
Deer Park Refining Limited Partnership

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?

06/10/2004

**Components (Multimedia) for the Site :**

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

Effective Date: 06/12/2003 ADMINORDER 2002-0478-AIR-E (1660)

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 (1660)

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 (1660)

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 (1660)

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 PHeol-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 (Findings)

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 (1660)

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 (Findings)

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 (AFJ with denial)

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 unspiciated 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	05/09/2003	(26339)
2	05/10/2003	(450832)
3	05/11/2003	(26340)
4	05/22/2003	(157697)
5	05/27/2003	(157746)
6	05/30/2003	(36614)
7	06/05/2003	(29924)
8	06/16/2003	(114383)
9	06/24/2003	(157701)
10	06/25/2003	(157750)
11	06/26/2003	(60695)
12	06/28/2003	(33595)
13	07/23/2003	(284079)
14	07/23/2003	(295231)
15	07/25/2003	(157705)
16	07/25/2003	(157709)
17	08/06/2003	(114294)
18	08/12/2003	(148558)
19	08/23/2003	(36650)
20	08/26/2003	(295233)
21	08/29/2003	(149848)
22	09/22/2003	(295235)
23	09/25/2003	(295217)
24	10/22/2003	(249626)
25	10/23/2003	(295219)
26	10/27/2003	(295237)
27	10/28/2003	(252341)
28	11/21/2003	(295220)
29	11/26/2003	(295238)
30	11/30/2003	(248256)
31	12/17/2003	(295221)
32	12/23/2003	(295239)
33	01/02/2004	(257380)
34	01/02/2004	(252698)
35	01/04/2004	(251319)
36	01/14/2004	(254260)
37	01/21/2004	(252556)
38	01/22/2004	(295240)
39	01/26/2004	(295222)
40	01/28/2004	(261052)
41	02/23/2004	(248995)
42	02/23/2004	(432673)
43	02/27/2004	(295223)
44	03/16/2004	(295208)
45	03/24/2004	(295225)
46	03/31/2004	(260311)
47	04/16/2004	(256199)
48	04/21/2004	(295209)
49	04/23/2004	(295226)
50	05/19/2004	(256196)
51	05/19/2004	(295206)
52	05/19/2004	(295211)
53	05/25/2004	(268601)
54	05/25/2004	(295228)
55	05/25/2004	(266874)
56	05/26/2004	(273578)
57	06/03/2004	(270210)
58	06/09/2004	(272409)
59	06/18/2004	(271341)
60	06/18/2004	(270854)
61	06/21/2004	(295213)

62 06/23/2004 (352010)  
63 07/14/2004 (260134)  
64 07/22/2004 (352011)  
65 07/26/2004 (352004)  
66 08/11/2004 (288458)  
67 08/11/2004 (288745)  
68 08/11/2004 (287418)  
69 08/11/2004 (287399)  
70 08/16/2004 (279252)  
71 08/16/2004 (279239)  
72 08/23/2004 (352012)  
73 08/24/2004 (352003)  
74 08/24/2004 (352005)  
75 08/31/2004 (272715)  
76 08/31/2004 (267451)  
77 08/31/2004 (268068)  
78 08/31/2004 (292677)  
79 09/07/2004 (292099)  
80 09/22/2004 (352013)  
81 09/30/2004 (287575)  
82 10/04/2004 (352006)  
83 10/18/2004 (335028)  
84 10/20/2004 (352007)  
85 10/20/2004 (352014)  
86 11/11/2004 (289756)  
87 11/12/2004 (290146)  
88 11/12/2004 (288819)  
89 11/22/2004 (285617)  
90 11/22/2004 (352015)  
91 11/23/2004 (352008)  
92 11/29/2004 (339553)  
93 12/05/2004 (268602)  
94 12/10/2004 (338725)  
95 12/11/2004 (341292)  
96 12/11/2004 (342406)  
97 12/11/2004 (342558)  
98 12/14/2004 (341177)  
99 12/14/2004 (342547)  
100 12/15/2004 (340217)  
101 12/17/2004 (339115)  
102 12/20/2004 (352016)  
103 12/21/2004 (342546)  
104 12/27/2004 (352009)  
105 12/28/2004 (290091)  
106 12/28/2004 (338893)  
107 12/29/2004 (342425)  
108 12/30/2004 (342431)  
109 12/30/2004 (344374)  
110 12/30/2004 (344491)  
111 01/04/2005 (288475)  
112 01/04/2005 (285114)  
113 01/04/2005 (288902)  
114 01/04/2005 (342600)  
115 01/04/2005 (293105)  
116 01/05/2005 (289527)  
117 01/05/2005 (288541)  
118 01/06/2005 (344370)  
119 01/06/2005 (344373)  
120 01/06/2005 (289146)  
121 01/07/2005 (288436)  
122 01/09/2005 (289381)  
123 01/10/2005 (286434)  
124 01/10/2005 (287676)  
125 01/10/2005 (279219)  
126 01/20/2005 (381814)  
127 01/24/2005 (381811)  
128 01/26/2005 (342583)  
129 01/31/2005 (342585)

130	02/01/2005	(342419)
131	02/22/2005	(350798)
132	02/22/2005	(381812)
133	02/23/2005	(371820)
134	03/22/2005	(381813)
135	03/23/2005	(381809)
136	03/28/2005	(381810)
137	04/01/2005	(346780)
138	04/22/2005	(419640)
139	04/22/2005	(419642)
140	04/22/2005	(575179)
141	04/29/2005	(344372)
142	05/03/2005	(373899)
143	05/09/2005	(378729)
144	05/18/2005	(575182)
145	05/25/2005	(380203)
146	06/17/2005	(392662)
147	06/20/2005	(575185)
148	06/21/2005	(419641)
149	06/21/2005	(419643)
150	06/28/2005	(394944)
151	07/06/2005	(398907)
152	07/13/2005	(374690)
153	07/18/2005	(575188)
154	07/18/2005	(379933)
155	07/18/2005	(379934)
156	07/20/2005	(400891)
157	07/21/2005	(400399)
158	07/28/2005	(379300)
159	08/02/2005	(400361)
160	08/03/2005	(399624)
161	08/05/2005	(341201)
162	08/05/2005	(341194)
163	08/05/2005	(341195)
164	08/05/2005	(341198)
165	08/05/2005	(341200)
166	08/10/2005	(403710)
167	08/15/2005	(453221)
168	08/16/2005	(404329)
169	08/16/2005	(404327)
170	08/18/2005	(404406)
171	08/22/2005	(400922)
172	08/22/2005	(575191)
173	08/23/2005	(401945)
174	08/23/2005	(404915)
175	08/25/2005	(405926)
176	08/30/2005	(401403)
177	09/23/2005	(440775)
178	09/23/2005	(440776)
179	09/27/2005	(575193)
180	09/28/2005	(431096)
181	10/04/2005	(405964)
182	10/05/2005	(407310)
183	10/05/2005	(406803)
184	10/05/2005	(431097)
185	10/05/2005	(431095)
186	10/10/2005	(406428)
187	10/24/2005	(468331)
188	10/24/2005	(575195)
189	10/26/2005	(433389)
190	10/28/2005	(405406)
191	11/03/2005	(431819)
192	11/04/2005	(431796)
193	11/04/2005	(431865)
194	11/14/2005	(371956)
195	11/23/2005	(433921)
196	11/23/2005	(575197)
197	11/28/2005	(437043)

198	11/28/2005	(468332)
199	11/30/2005	(437117)
200	12/08/2005	(418800)
201	12/16/2005	(451110)
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203	12/22/2005	(575200)
204	12/27/2005	(468333)
205	01/24/2006	(451885)
206	01/24/2006	(468334)
207	01/24/2006	(575201)
208	02/16/2006	(454090)
209	02/21/2006	(455170)
210	02/21/2006	(575174)
211	02/21/2006	(454835)
212	02/23/2006	(455872)
213	02/23/2006	(455897)
214	02/23/2006	(439108)
215	02/24/2006	(438342)
216	02/24/2006	(468329)
217	02/25/2006	(456944)
218	02/25/2006	(457085)
219	02/27/2006	(457162)
220	02/27/2006	(456661)
221	02/28/2006	(457143)
222	02/28/2006	(457152)
223	03/03/2006	(455540)
224	03/09/2006	(457675)
225	03/15/2006	(458469)
226	03/17/2006	(451544)
227	03/20/2006	(431859)
228	03/20/2006	(571632)
229	03/21/2006	(575176)
230	03/23/2006	(290016)
231	03/23/2006	(468330)
232	03/28/2006	(405965)
233	04/03/2006	(455004)
234	04/21/2006	(575180)
235	04/24/2006	(449499)
236	04/24/2006	(498125)
237	04/25/2006	(449838)
238	04/26/2006	(455005)
239	04/27/2006	(440023)
240	04/28/2006	(462216)
241	05/10/2006	(266908)
242	05/10/2006	(268067)
243	05/12/2006	(461088)
244	05/17/2006	(461235)
245	05/17/2006	(466235)
246	05/22/2006	(498126)
247	05/22/2006	(575183)
248	05/26/2006	(460174)
249	05/26/2006	(460095)
250	05/26/2006	(460156)
251	05/26/2006	(460637)
252	05/30/2006	(459416)
253	05/30/2006	(460198)
254	05/31/2006	(480622)
255	05/31/2006	(455293)
256	06/12/2006	(455296)
257	06/13/2006	(457735)
258	06/14/2006	(480612)
259	06/15/2006	(449850)
260	06/16/2006	(575186)
261	06/20/2006	(498127)
262	06/21/2006	(467546)
263	06/23/2006	(467537)
264	06/23/2006	(467329)
265	06/28/2006	(467525)

266	06/30/2006	(463111)
267	06/30/2006	(466561)
268	07/10/2006	(482757)
269	07/11/2006	(482755)
270	07/11/2006	(482760)
271	07/11/2006	(482407)
272	07/14/2006	(467608)
273	07/24/2006	(520133)
274	07/24/2006	(575189)
275	07/26/2006	(487301)
276	07/27/2006	(486448)
277	07/31/2006	(482753)
278	08/08/2006	(482747)
279	08/14/2006	(480383)
280	08/16/2006	(392732)
281	08/18/2006	(457259)
282	08/18/2006	(457480)
283	08/22/2006	(575192)
284	08/23/2006	(457432)
285	08/25/2006	(510170)
286	08/28/2006	(479997)
287	08/29/2006	(509957)
288	08/29/2006	(479999)
289	08/30/2006	(509636)
290	08/31/2006	(457283)
291	09/07/2006	(510326)
292	09/22/2006	(575194)
293	09/25/2006	(520134)
294	09/29/2006	(487313)
295	10/04/2006	(510017)
296	10/04/2006	(512388)
297	10/05/2006	(510021)
298	10/05/2006	(512393)
299	10/05/2006	(512392)
300	10/13/2006	(510023)
301	10/23/2006	(575196)
302	10/24/2006	(544406)
303	10/26/2006	(512394)
304	10/27/2006	(515112)
305	10/31/2006	(513138)
306	10/31/2006	(509694)
307	10/31/2006	(343595)
308	11/03/2006	(513228)
309	11/03/2006	(513328)
310	11/06/2006	(515706)
311	11/16/2006	(512687)
312	11/16/2006	(514711)
313	11/21/2006	(517284)
314	11/22/2006	(575198)
315	11/27/2006	(544407)
316	11/30/2006	(379581)
317	12/07/2006	(488023)
318	12/07/2006	(488025)
319	12/07/2006	(487985)
320	12/07/2006	(488004)
321	12/15/2006	(508968)
322	12/21/2006	(534053)
323	12/27/2006	(544408)
324	12/27/2006	(544409)
325	12/29/2006	(343599)
326	01/19/2007	(531892)
327	01/22/2007	(575202)
328	01/31/2007	(537439)
329	01/31/2007	(538238)
330	01/31/2007	(538659)
331	02/17/2007	(532455)
332	02/20/2007	(457345)
333	02/22/2007	(575167)

334	02/22/2007	(575175)
335	02/23/2007	(532463)
336	02/23/2007	(532452)
337	02/27/2007	(532471)
338	03/01/2007	(509707)
339	03/05/2007	(406521)
340	03/21/2007	(575177)
341	03/23/2007	(575168)
342	04/12/2007	(554202)
343	04/19/2007	(575169)
344	04/23/2007	(575181)
345	04/25/2007	(542681)
346	04/25/2007	(532459)
347	04/26/2007	(541475)
348	04/30/2007	(542592)
349	04/30/2007	(542683)
350	05/07/2007	(537121)
351	05/08/2007	(542690)
352	05/09/2007	(467500)
353	05/14/2007	(542697)
354	05/16/2007	(575170)
355	05/18/2007	(542652)
356	05/22/2007	(575184)
357	05/29/2007	(559183)
358	05/30/2007	(560809)
359	06/20/2007	(575171)
360	06/22/2007	(575187)
361	06/25/2007	(563779)
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363	06/27/2007	(564822)
364	06/27/2007	(564828)
365	07/06/2007	(565610)
366	07/10/2007	(565422)
367	07/20/2007	(575172)
368	07/20/2007	(575173)
369	07/23/2007	(575178)
370	07/23/2007	(575190)
371	08/01/2007	(567841)
372	08/03/2007	(568522)
373	08/13/2007	(571026)
374	08/14/2007	(567884)
375	08/15/2007	(571883)
376	08/17/2007	(571025)
377	08/22/2007	(607528)
378	09/18/2007	(571877)
379	09/19/2007	(572770)
380	09/20/2007	(601572)
381	09/24/2007	(607529)
382	10/12/2007	(560777)
383	10/16/2007	(593594)
384	10/18/2007	(601573)
385	10/25/2007	(596852)
386	11/06/2007	(593367)
387	11/06/2007	(565492)
388	11/15/2007	(597968)
389	11/15/2007	(597891)
390	11/19/2007	(572257)
391	11/19/2007	(599691)
392	11/20/2007	(619483)
393	11/27/2007	(597446)
394	11/30/2007	(608138)
395	11/30/2007	(601276)
396	12/04/2007	(600886)
397	12/20/2007	(619484)
398	12/20/2007	(610419)
399	01/07/2008	(598077)
400	01/17/2008	(599615)
401	01/17/2008	(619485)

402 01/17/2008 (600635)  
 403 01/17/2008 (599822)  
 404 01/17/2008 (599668)  
 405 01/22/2008 (613355)  
 406 01/25/2008 (615969)  
 407 01/25/2008 (615999)  
 408 01/25/2008 (597769)  
 409 01/25/2008 (615280)  
 410 01/28/2008 (616080)  
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 412 02/01/2008 (607448)  
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 415 02/01/2008 (613923)  
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 417 02/04/2008 (614031)  
 418 02/05/2008 (610680)  
 419 02/13/2008 (616505)  
 420 02/14/2008 (616503)  
 421 02/28/2008 (637020)  
 422 03/07/2008 (612807)  
 423 03/10/2008 (617388)  
 424 03/12/2008 (637217)  
 425 03/24/2008 (616741)  
 426 03/24/2008 (638443)  
 427 03/28/2008 (600448)  
 428 03/31/2008 (610634)  
 429 04/09/2008 (610636)  
 430 04/11/2008 (610638)  
 431 04/11/2008 (637073)  
 432 04/21/2008 (639674)  
 433 04/22/2008 (653495)  
 434 05/02/2008 (650560)

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

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

Date: 07/31/2003 (157709)  
 Self Report? YES Classification: Moderate  
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter

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

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

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

Date: 01/14/2004 (254260)  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT TCEQ AIR PERMIT #3219, SC #4  
Description: Main induced-draft fan on Boiler H-8610 shut down when governor seized due to dirty oil (inadequate attention to the status of the oil). The (large) boiler tripped on loss of the fan. Two olefin plants were shut down due to insufficient steam supply to the steam turbines driving the large critical compressors.

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

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

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

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

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

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

Date: 09/22/2004 (335028)  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 290, SubChapter D 290.46(m)  
Description: Failure to maintain all pressure maintenance facilities and related appurtenances in a watertight condition.

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

Date: 11/22/2004 (285617)  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)  
5C THC Chapter 382, SubChapter A 382.085(b)  
Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC #8  
Description: Failure to operate within the permit limits/unauthorized emissions.

Self Report? NO Classification: Minor  
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)  
Description: Failure to indicate the air contaminants from the flare completely in the final report.

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

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 12/14/2004 (340217)  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(4)  
 30 TAC Chapter 305, SubChapter F 305.125(5)  
 TWC Chapter 26 26.121(a)(1)  
 Description: Failure to prevent the unauthorized discharge of untreated or partially treated process, sanitary, balast, and utility wastewaters through outfall 008. The permittee is authorized to discharge storm water and fire water only to outfall 008. See attached Table 1.  
 Date: 12/28/2004 (290091)  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)  
 30 TAC Chapter 116, SubChapter B 116.115(b)(2)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC #8  
 Description: Failure to avoid loss of cooling in the PRC surface condensate system and unauthorized emissions.  
 Date: 12/30/2004 (344491)  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)  
 30 TAC Chapter 116, SubChapter G 116.715(a)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: PA Permit #21262/PSD-TX-928, SC#1  
 Description: Failure to control emissions.  
 Date: 12/30/2004 (344374)  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)  
 30 TAC Chapter 116, SubChapter G 116.715(a)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: PA Permit #s:21262,PSD-TX-928, SC #1  
 Description: Failure to Control Emissions  
 Date: 01/04/2005 (342600)  
 Self Report? NO Classification: Moderate

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

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)  
 Description: Failure to report emissions event in a timely manner.  
 Date: 01/07/2005 (288436)  
 Self Report? NO Classification: Moderate

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

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

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 04/29/2005 (344372)  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Description: Failure to control emissions.

Date: 05/31/2005 (575185)  
Self Report? YES Classification: Moderate  
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
TWC Chapter 26 26.121(a)  
Description: Failure to meet the limit for one or more permit parameter  
Date: 06/20/2005 (395120)  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)  
5C THC Chapter 382, SubChapter A 382.085(b)  
Rqmt Prov: PERMIT No. 9334, Gen. Condition #8  
Description: Failure to prevent spill during tank heel transfer.  
Self Report? NO Classification: Minor  
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)  
30 TAC Chapter 101, SubChapter F 101.201(b)(8)  
Description: Failure to submit an emissions event in a timely manner.  
Date: 07/31/2005 (419643)  
Self Report? YES Classification: Moderate  
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
TWC Chapter 26 26.121(a)  
Description: Failure to meet the limit for one or more permit parameter  
Date: 07/31/2005 (575191)  
Self Report? YES Classification: Moderate  
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
TWC Chapter 26 26.121(a)  
Description: Failure to meet the limit for one or more permit parameter  
Date: 08/17/2005 (404327)  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)  
Description: Failure to maintain ammonia emissions below 10ppm on furnace 110.  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)  
Description: Failure to maintain ammonia emissions below 10ppm on furnace 150.  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)  
Description: Failure to maintain ammonia emissions below 10ppm on furnace 180.  
Date: 09/30/2005 (468331)  
Self Report? YES Classification: Moderate  
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
TWC Chapter 26 26.121(a)  
Description: Failure to meet the limit for one or more permit parameter  
32. Date: 10/10/2005 (406428)  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)  
5C THC Chapter 382, SubChapter A 382.085(b)  
Description: Failure to control emissions.  
Date: 11/30/2005 (575199)  
Self Report? YES Classification: Moderate  
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
TWC Chapter 26 26.121(a)  
Description: Failure to meet the limit for one or more permit parameter  
Date: 12/08/2005 (418800)  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
Description: Failure to maintain compliance with the effluent permit limits. Effluent violations were reported for ammonia-nitrogen at outfall 104 in 07/05 and for calcium, nickel and fecal coliform at outfall 001 in 03/05.  
Date: 02/23/2006 (439108)  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
5C THC Chapter 382, SubChapter A 382.085(b)  
Rqmt Prov: PA 3219 AND PSD-TX-974  
Description: Exceeded permit limits during an avoidable emissions event.  
Date: 02/27/2006 (438342)

Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Description: Failed to control unauthorized emissions.  
 Date: 04/04/2006 (455004)

Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: PA NSR Permit #3173, Special Condition #1  
 Description: Failure to control unauthorized emissions for Incident #64365.  
 Date: 05/17/2006 (461235)

Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.665(f)  
 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(j)(7)  
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1946, Special Condition 15H  
 OP 1946, Special Condition 1A  
 Description: Failure to record whether the pilot flame was continuously present during each hour for  
 Flares OP2ELFLA and OP3ELFLA

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1668, Special Condition 1A  
 Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and  
 OP3GRFLA.

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

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 115, SubChapter H 115.783(5)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1946, Special Condition 1A  
 OP 1946, Special Condition 21  
 PERMIT 3216, Special Condition 6E  
 PERMIT 3218, Special Condition 8E  
 Description: Nine OELs in HT2; 2 OELs in CIPX

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 115, SubChapter H 115.783(5)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: PERMIT 18576, Special Condition 7E  
 OP 1946, Special Condition 1A  
 OP 1946, Special Condition 21  
 Description: Failure to seal 18 OELs in IRU.

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 115, SubChapter H 115.783(5)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)

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

Rqmt Prov: OP 1946, Special Condition 1A  
OP 1946, Special Condition 21  
PERMIT 3217, Special Condition 3E

Description: Failure to seal OELs in BD3.

Self Report? NO Classification: Moderate

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

Rqmt Prov: OP 1946, Special Condition 21  
PERMIT 3216, Special Condition 1  
PERMIT 3216, Special Condition 5

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

Self Report? NO Classification: Moderate

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

Rqmt Prov: OP 1946, Special Condition 21  
PERMIT 3216, Special Conditions 1 and 4

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

Date: 05/31/2006 (455293)

Self Report? NO Classification: Moderate

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

Rqmt Prov: PERMIT No: 3219 and PSD-TX-974 MAERT

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

Date: 06/15/2006 (457735)

Self Report? NO Classification: Moderate

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

Rqmt Prov: PERMIT 9334 MAERT

Description: Failure to prevent a leak from a line that was bent beyond its minimum flex radius creating a weak point that resulted in unauthorized emissions.

Date: 06/16/2006 (510170)

Self Report? NO Classification: Minor

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

Rqmt Prov: PERMIT Self-reporting Requirements

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

Date: 06/28/2006 (467525)

Self Report? NO Classification: Moderate

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

Rqmt Prov: PERMIT #21262, Special Condition #1

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

Date: 06/30/2006 (520133)

Self Report? YES Classification: Moderate

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

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

Date: 07/14/2006 (467608)

Self Report? NO Classification: Moderate

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

Rqmt Prov: PERMIT No 3219 MAERT

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

Date: 07/31/2006 (440775)

Self Report? YES Classification: Moderate

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

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

Date: 07/31/2006 (575192)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 08/18/2006 (457259)  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 115, SubChapter H 115.783(5)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: PERMIT 266, SC 7E  
 PERMIT 3985A, SC 7E  
 OP O-01947, Special Condition 13  
 OP O-01947, Special Condition 1A  
 Description: 3 OELs in SITEFE and 1 OEL in WRACKFE  
 Date: 08/23/2006 (457432)  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(c)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1948, Special Condition 1A  
 Description: Components associated with Tank F-347 and Tank F-349 were not identified as being  
 subject to 40 CFR 63, Subpart H.  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1948, Special Condition 13  
 OP 1948, Special Condition 1A  
 PERMIT 19849, Special Condition 11E  
 Description: 10 OELs in MPLANTFE  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 115, SubChapter H 115.783(5)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1948, Special Condition 13  
 OP 1948, Special Condition 1A  
 PERMIT 1968, Special Condition 3E  
 PERMIT 19849, Special Condition 11E  
 PERMIT 3173, Special Condition 6E  
 Description: 5 OELs in LPGFE; 15 OELs in IPAFINFE; 8 OELs in IPACRUFE; 1 OEL in HPLANTFE  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.354(2)(C)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1948, Special Condition 13  
 OP 1948, Special Condition 1A  
 PERMIT 3173, Special Condition 6F  
 Description: Failure to monitor Valve Tag No. 301622 in IPAFINFE during the first quarter of 2005  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1948, Special Condition 13  
 PERMIT 19849, Special Condition 7D  
 Description: Failure to inspect Tank T667B by the due date of March 2005  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 106, SubChapter K 106.261(a)(2)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

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

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

Self Report? NO Classification: Moderate

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

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

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

Self Report? NO Classification: Minor

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

Rqmt Prov: OP 1948, Special Condition 1A

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

Date: 08/28/2006 (479997)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(2)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

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

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

Self Report? NO Classification: Minor

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

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

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

Self Report? NO Classification: Minor

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

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

Description: 26 OELs in OL3FUG and 4 OELs in PYR3FUG

Self Report? NO Classification: Minor

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

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

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

Self Report? NO Classification: Moderate

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

Rqmt Prov: PERMIT 3219, Maximum Allowable Emission Rates  
 OP O-1668, Special Condition 15  
 Description: Exceedance of VOC MAER in tpy for the Olefins Flare System  
 Date: 08/29/2006 (479999)  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 15E  
 OP O-1943, Special Condition 17  
 OP O-1943, Special Condition 1A  
 Description: One OEL in ACUFUG and one OEL in FUGOXU  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 7  
 OP O-1943, Special Condition 17  
 Description: Incomplete records of furnace firing rates for the ACU furnace, EPN H902  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.120(a)(3)(iii)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP O-1943, Special Condition 1A  
 Description: Failure to conduct internal inspection of Tank F-361 by the due date of May 2005  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 8  
 OP O-1943, Special Condition 17  
 Description: Operation of the East Property Flare with visible emissions  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to visually inspect Tank G-359 by the due date of August 16, 2005  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 10D  
 OP O-1943, Special Condition 17  
 Description: Failure to provide notification to the TCEQ 30 days in advance of taking gap measurements in Tank G-359  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(2)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 10D  
 OP O-1943, Special Condition 17  
 OP O-1943, Special Condition 1A  
 Description: Failure to perform the annual seal gap inspection for Tank G-343 by the due date of September 1, 2005.  
 Date: 08/31/2006 (457283)  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 48912, Special Condition 5  
 OP O-2108, Special Condition 15  
 Description: Failure to analyze wastewater for isobutyraldehyde  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.132(a)  
 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 - emissions  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.116b(f)(2)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP O-2108, Special Condition 1A  
 Description: Failure to obtain vapor pressure sample from T-1318  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(f)(2)  
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP O-2108, Special Condition 1A  
 Description: Failure to monitor the presence of the pilot flame on the A&S Flare, EPN A1301  
 Date: 11/03/2006 (513328)  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.223(a)(1)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 Description: Shell failed to submit a CAP in a timely manner.  
 Date: 11/14/2006 (512687)  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP FOP #O-01669, Special Condition #1A  
 Description: Failure to record the daily visual observations of flare per 30 TAC111.111(a)(4)(A)(ii).  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100(1)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)  
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP FOP #O-01669, Special Condition #1A  
 OP FOP #O-01669, Special Condition #1D  
 Description: Failure to prevent visible emissions in the operation of flares on six different occasions during the compliance certification period as required by 40 CFR 63.11(b)(4) and 40 CFR 60.18(c)(1).  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.145(2)(A)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Description: Failure to include all deviations in the deviation and annual compliance certification reports in accordance with 30 TAC 122.145(2)(A).  
 Date: 11/30/2006 (544408)  
 Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 12/31/2006 (544409)  
 Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 02/23/2007 (532452)  
 Self Report? YES Classification: Moderate

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)  
 Self Report? NO Classification: Minor

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(f)(1)  
 5C THC Chapter 382, SubChapter A 382.085(b)

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

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

**Self Report?** NO **Classification:** Minor

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

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

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

**Self Report?** NO **Classification:** Minor

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

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

**Description:** Failure to cap 57 open-ended valves/lines per 30 TAC 115.352(4). Some of these open-ends are violations of HON, NSPS, NESHAPs, and several NSR permits.

**Self Report?** NO **Classification:** Minor

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

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

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

**Self Report?** NO **Classification:** Minor

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

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

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

**Self Report?** NO **Classification:** Minor

**Citation:** 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)

Rqmt Prov: 5C THC Chapter 382, SubChapter A 382.085(b)  
 OP FOP O-01946, Special Condition 21  
 PA NSR Permit 3216, Special Condition 1  
 Description: Failure to comply with NSR Permit #3216 MAERT limits for EPN FOL604, by emitting to atmosphere 93.7 lbs. of VOC during a four hour period on January 23, 2006.

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter H 115.725(a)(1)(B)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 1M(ii)  
 Description: Failure to capture required fuel gas monitoring and recordkeeping data, for approximately eight hours on February 17, 2006, relating to uncontrolled HRVOC-service vents, as required by 30 TAC 115.725(a)(1)(B).

Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 115, SubChapter H 115.725(a)(1)(C)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 1M(ii)  
 Description: Failure to limit the fuel gas flow for Flare FOL-604 to 19,100scf/hr. for approximately 180 hours between February 1 through February 16, 2006. Exceeding this limit is a violation of 30 TAC 115.725(a)(1)(C).

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(2)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.113b(b)(1)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 1A  
 Description: Failure to perform seal gap inspections for Tank 354 as required by 30 TAC 115.114(a)(2) and 40 CFR 60.113b(b)(1).

Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 68, SubChapter C, PT 68, SubPT D 68.73(c)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 28  
 Description: Failure to provide chemical process training to refinery personnel per by 40 CFR 68.73(c).

Date: 02/27/2007 (532471)

Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 122, SubChapter B 122.146(2)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP #O-01947, General Terms & Conditions  
 Description: Failure to submit PCC within 30 days as required.

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 122, SubChapter B 122.145(2)(C)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP #O-01947, General Terms & Conditions  
 Description: Failure to submit a Deviation report within 30 days as required.

Date: 02/28/2007 (575168)

Self Report? YES Classification: Moderate  
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)

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

Date: 02/28/2007 (575177)

Self Report? YES Classification: Moderate  
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)

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

Date: 03/31/2007 (575169)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 04/30/2007 (575170)  
 Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 05/14/2007 (542697)  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.211(a)  
 Description: Failure to submit the initial notification ten days prior or as soon as practicable for a major turnaround.  
 Date: 05/31/2007 (575171)  
 Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 05/31/2007 (575187)  
 Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 06/30/2007 (575172)  
 Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 07/31/2007 (575173)  
 Self Report? YES Classification: Moderate

Citation: 2D TWC Chapter 26, SubChapter A 26.121(a)  
 30 TAC Chapter 305, SubChapter F 305.125(1)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 08/29/2007 (543555)  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)  
 30 TAC Chapter 122, SubChapter B 122.145(2)(C)  
 30 TAC Chapter 122, SubChapter B 122.146(2)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 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 Classification: Moderate

Citation: 2D TWC Chapter 26, SubChapter A 26.121(a)  
 30 TAC Chapter 305, SubChapter F 305.125(1)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 09/30/2007 (601573)  
 Self Report? YES Classification: Moderate

Citation: 2D TWC Chapter 26, SubChapter A 26.121(a)  
 30 TAC Chapter 305, SubChapter F 305.125(1)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 02/05/2008 (610680)  
 Self Report? NO Classification: Minor

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

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

Self Report? NO Classification: Minor

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

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 Classification: Minor

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

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 Classification: Moderate

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

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 Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.725(c)(3)(D)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
5C THSC Chapter 382 382.085(b)

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

Description: Failure to meet HRVOC monitoring/recordkeeping requirements.

Self Report? NO Classification: Minor

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

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 Classification: Minor

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

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 Classification: Moderate

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

Rqmt Prov: 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.

Date: 03/10/2008 (617388)  
Self Report? NO Classification: Minor  
Citation: 30 TAC Chapter 101, SubChapter F 101.223(a)(1)  
Description: Shell failed to submit a Corrective Action Plan (CAP) in a timely manner.  
Date: 04/01/2008 (610634)  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
30 TAC Chapter 115, SubChapter H 115.783(5)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT I 61.112(a)  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)  
5C THSC Chapter 382 382.085(b)  
Rqmt Prov: PERMIT NSR 3214, SC 5(E)  
PERMIT NSR 3214, SC 6(E)  
PERMIT NSR 3219, SC 2(E)  
PERMIT NSR 3219, SC 8  
OP O-01668, SC 1(A)  
OP O-01668, SC 1(H)(v)  
OP O-01668, SC 15(A)  
Description: Failure to seal eighty-eight (88) open-ended lines (OEL's) from August 24, 2006 to June 28, 2007: 42 OEL's in LO3FUG, 23 OEL's in PY3FUG, and 23 OEL's in OP2FUG.

Self Report? NO Classification: Minor  
Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)  
30 TAC Chapter 115, SubChapter H 115.782(a)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT I 61.112(a)  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.246(b)(1)  
5C THSC Chapter 382 382.085(b)  
Rqmt Prov: PERMIT NSR 3214, SC 5(H)  
PERMIT NSR 3214, SC 6(H)  
PERMIT NSR 3219, SC 2(H)  
PERMIT NSR 3219, SC 8  
OP O-01668, SC 1(A)  
OP O-01668, SC 1(H)(v)  
OP O-01668, SC 15(A)  
Description: Failure to tag seventeen (17) leaking components: 14 components in OP2FUG and 3 components in LO3FUG from September 21, 2006 to June 25, 2007.

Self Report? NO Classification: Minor  
Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(1)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
5C THSC Chapter 382 382.085(b)  
Rqmt Prov: OP O-01668, SC 1(H)(v)  
Description: Failure to repair valve 76372A within 7 days.

Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
5C THSC Chapter 382 382.085(b)  
Rqmt Prov: PERMIT NSR 56496, GC 8  
PERMIT NSR 56496, SC 1  
OP O-01668, SC 15(A)  
Description: Failure to stay at or below the 18.37 lb/hr NOx limit, August 24, 2006 at 0000 to February 23, 2007 at 2300, for FOL-700 (79 block hrs for 179 lbs excess NOx ) and FOL-710 (22 block hrs for 25 lbs excess NOx).

Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
5C THSC Chapter 382 382.085(b)  
Rqmt Prov: PERMIT NSR 56496, SC 5  
OP O-01668, SC 15(A)  
Description: Failure to stay at or below the 0.12 lb/MMBtu NOx limit for FOL-700 (118 days exceeded limit) and FOL-710 (39 days exceeded limit), from August 24, 2006 at 0000 to February 23, 2007 at 2300 and from February 24, 2007 at 0000 to August 23, 2007 at 2300 and to stay at or below the 0.10 lb/MMBtu NOx annual

limit for calendar year 2006 for FOL-700 and FOL-710.

Self Report?	NO	Classification:	Minor
Citation:	30 TAC Chapter 115, SubChapter B 115.136(a)(1) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b)		
Rqmt Prov:	OP O-01668, SC 1(A)		
Description:	Failure to collect required daily samples for LO3CPI from October 24, 2006 at 0000 to November 30, 2006 at 2300.		
Self Report?	NO	Classification:	Minor
Citation:	30 TAC Chapter 115, SubChapter H 115.764(a)(6) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b)		
Rqmt Prov:	OP O-01668, SC 1(H)(iv)		
Description:	Failure to collect samples when the HRVOC monitor was down more than 24 hrs for OP3CWT and OP2CWT (OP3CWT missed 2 samples, OP2CWT-North riser missed 2 samples, and OP2CWT-South riser missed 1 sample) from August 24, 2006 at 0000 to February 23, 2007 at 2300.		
Self Report?	NO	Classification:	Moderate
Citation:	30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5) 5C THSC Chapter 382 382.085(b)		
Rqmt Prov:	PERMIT NSR 3219, SC 16 PERMIT NSR 3219, SC 5 OP O-01668, SC 1(A) OP O-01668, SC 15(A)		
Description:	Failure to verify the presence of pilot flame for 8 block hrs (invalid data or signal indicated loss of pilot and the operator logs to indicate if pilot was indeed lit were not completed) for OP2 ELFLA on February 27, 2007 from 0100 to 0900.		
Self Report?	NO	Classification:	Minor
Citation:	30 TAC Chapter 115, SubChapter H 115.725(d)(4) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b)		
Rqmt Prov:	OP O-01668, SC 1(H)(ii)		
Description:	Failure to collect samples when the HRVOC monitor was down for more than 8 hrs for OP3ELFLA (9 samples missed), OP2ELFLA (8 samples missed), OP3GRFLA (7 samples missed) from August 24, 2006 at 0000 to February 23, 2007 at 2300 and from February 24, 2007 at 0000 to August 23, 2007 at 2300.		
Self Report?	NO	Classification:	Moderate
Citation:	30 TAC Chapter 115, SubChapter H 115.722(c)(1) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b)		
Rqmt Prov:	OP O-01668, SC 1(H)(ii)		
Description:	Failure to prevent two exceedances of the site-wide HRVOC limit of 1200 lb/hr, as reported in STEERS 86796 and STEERS 90699 on February 01, 2007 from 2200 to 2300 and on May 03, 2007 from 0200 to 0600.		
Self Report?	NO	Classification:	Minor
Citation:	30 TAC Chapter 115, SubChapter H 115.725(d)(3) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b)		
Rqmt Prov:	OP O-01668, SC 1(H)(ii)		
Description:	Failure to prevent CMS downtimes greater than 5% (OP3ELFLA (up time of 93.3%), OP2ELFLA (up time of 86.3%), and OP2GRFLA (up time of 93.7%), for calendar year 2006.		
Self Report?	NO	Classification:	Moderate
Citation:	30 TAC Chapter 122, SubChapter B 122.143(4) 30 TAC Chapter 122, SubChapter C 122.210(a) 5C THSC Chapter 382 382.085(b)		
Rqmt Prov:	OP O-01668, SC 15(B)		
Description:	Failure to include all authorizations in Federal Operating Permit (FOP) O-01668, issued October 18, 2004 and amended February 1, 2006.		
Self Report?	NO	Classification:	Moderate
Citation:	30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.113b(b)(1)(i) 5C THSC Chapter 382 382.085(b)		

Rqmt Prov: OP O-01668, SC 1(A)  
Description: Failure to conduct physical measurements (every 5 years at least) on the primary seal of Tank AP-19.  
Date: 04/09/2008 (639062)  
Self Report? NO Classification: Minor  
Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(1)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.113b(a)(2)  
5C THSC Chapter 382 382.085(b)  
Rqmt Prov: PERMIT NSR 3173, SC 3  
PERMIT NSR 3173, SC 8(D)  
PERMIT NSR 3985A, SC 8(D)  
PERMIT NSR19849, SC 7(D)  
OP O-01948, SC 1(A)  
OP O-01948, SC 13(A)  
Description: Failure to perform annual visual internal floating roof (IFR) inspections in OXYSOLVTANK in a timely manner.  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
30 TAC Chapter 115, SubChapter H 115.783(5)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)  
5C THSC Chapter 382 382.085(b)  
Rqmt Prov: PERMIT NSR 1968, SC 3(E)  
PERMIT NSR 19849, SC 11(E)  
PERMIT NSR 19849, SC 13  
PERMIT NSR 19849, SC 14  
PERMIT NSR 3173, SC 6(E)  
OP O-01948, 13(A)  
OP O-01948, SC 1(A)  
OP O-01948, SC 1(H)(iv)  
Description: Failure to seal open-ended lines.  
Self Report? NO Classification: Minor  
Citation: 30 TAC Chapter 115, SubChapter D 115.352(1)(A)  
30 TAC Chapter 115, SubChapter H 115.782(b)(2)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
5C THSC Chapter 382 382.085(b)  
Rqmt Prov: PERMIT NSR 3173, SC 6(I)  
OP O-01948, SC 1(A)  
OP O-01948, SC 1(H)(iv)  
OP O-01948, SC 13(A)  
Description: Failure to repair connector 702527 in IPACRUFEE (in HRVOC service) within 15 days  
Self Report? NO Classification: Minor  
Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)  
30 TAC Chapter 115, SubChapter H 115.782(a)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
5C THSC Chapter 382 382.085(b)  
Rqmt Prov: PERMIT NSR 3173, SC 6(H)  
OP O-01948, SC 1(A)  
OP O-01948, SC 1(H)(iv)  
OP O-01948, SC 13(A)  
Description: Failure to tag two components, 201566.1 and 201589.P, on June 18, 2007.  
Self Report? NO Classification: Minor  
Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(3)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
5C THSC Chapter 382 382.085(b)  
Rqmt Prov: OP O-01948, SC 1(H)(ii)  
Description: Failure to prevent CMS downtimes greater than 5% for the A&S Flare CMS (HRVOC analyzer).  
Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(4)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THSC Chapter 382 382.085(b)

Rqmt Prov: OP O-01948, SC 1(H)(ii)

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

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.764(a)(6)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THSC Chapter 382 382.085(b)

Rqmt Prov: OP O-01948, SC 1(H)(iii)

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

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(c)(3)(D)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THSC Chapter 382 382.085(b)

Rqmt Prov: OP O-01948, SC 1(H)(ii)

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

Date: 04/11/2008 (637073)

Self Report? NO Classification: Moderate

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

Rqmt Prov: OP O-01947, SC 1(H)(iii)

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

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(c)(3)(D)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THSC Chapter 382 382.085(b)

Rqmt Prov: OP O-01947, SC 1(H)(ii)

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

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(4)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THSC Chapter 382 382.085(b)

Rqmt Prov: OP O-01947, SC 1(H)(ii)

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

Date: 04/11/2008 (610638)

Self Report? NO Classification: Minor

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

Rqmt Prov: OP O-02108, SC 1(A)  
 OP O-02108, SC 15(A)  
 PERMIT Permit 19849, SC 11(E)

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

Self Report? NO Classification: Minor

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

Rqmt Prov: OP O-02108, SC 1(A)

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

Self Report? NO Classification: Minor

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

Rqmt Prov: OP O-02108, SC 1(A)

Description: Failure to collect the required daily sample for the API vapor pressure from

F. Environmental audits.

Notice of Intent Date: 12/20/2002 (265131) *More than 5 years old*  
Disclosure Date: 06/24/2003

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

Description: Failed to authorize emissions from rail car cleaning.

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

Description: Failed to report emissions from EPN Carclean in emissions inventory.

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

Description: Failed to justify control efficiency of railcar cleaning CAS.

Viol. Classification: Moderate  
Citation: 30 TAC Chapter 115, SubChapter F 115.546

Description: Failed to keep records of CAS breakthrough monitoring.

Viol. Classification: Moderate  
Citation: 30 TAC Chapter 122, SubChapter B 122.132(e)(4)(C)(iii)

Description: failed to submit compliance plan with application

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

Description: failed to process tank cars with partial vapor pressure of  $\geq 0.5$  psia through properly operating control system

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Viol. Classification: Minor  
Citation: 30 TAC Chapter 115, SubChapter B 115.136(a)(1)  
30 TAC Chapter 115, SubChapter B 115.136(a)(4)

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

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

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

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

Disclosure Date: 10/12/2004

Viol. Classification: Moderate

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

30 TAC Chapter 305, SubChapter F 305.125(5)

Rqmt Prov: PERMIT Compliance b. Operational Requirements 1

PERMIT General b.

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

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

Disclosure Date: 08/26/2004

Viol. Classification: Moderate

Citation: 40 CFR Chapter 261, SubChapter I, PT 261, SubPT A 261.3(b)(2)

30 TAC Chapter 335, SubChapter A 335.1(59)

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

Viol. Classification: Moderate

Citation: 40 CFR Chapter 262, SubChapter I, PT 262, SubPT A 262.11(b)

30 TAC Chapter 335, SubChapter R 335.504

30 TAC Chapter 335, SubChapter R 335.511

30 TAC Chapter 335, SubChapter R 335.513

30 TAC Chapter 335, SubChapter C 335.62

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

Viol. Classification: Moderate

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

Description: Improper disposal of K022 WWTP residual solids at a Class 1 non-hazardous waste landfill.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter D 305.62

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

Viol. Classification: Moderate

Rqmt Prov: PERMIT 1. General b.

Description: discharge of process water to storm water impoundment basins

Notice of Intent Date: 08/27/2004 (334576)

No DOV Associated

Notice of Intent Date: 10/12/2004 (349555)

No DOV Associated

Notice of Intent Date: 10/28/2004 (263123)

No DOV Associated

Notice of Intent Date: 11/11/2004 (349565)

No DOV Associated

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

Disclosure Date: 06/17/2005

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.320

40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(d)(5)

Description: documentation was not readily available to fully demonstrate that a formal refinery maximum achievable control technology applicability determination (ie >5% HAPS) had been made for equipment in light crude service

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(1)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(3)

Description: one New Source Performance Standard (NSPS) notification for Start of Construction and Start of Operation for the CGHT unit could not be located

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(a)(3)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(b)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(4)

Description: documentation was not readily available to fully demonstrate that the process to determine if a project triggered NSPS "Modification" was being completed for NSPS Subpart GGG compliance

Viol. Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.10(b)

30 TAC Chapter 101, SubChapter A 101.10(c)

30 TAC Chapter 101, SubChapter A 101.10(d)  
30 TAC Chapter 101, SubChapter A 101.10(e)  
40 CFR Chapter 372, SubChapter J, PT 372, SubPT B 372.30(a)

Description: emissions from fueling of vehicles in the Deer Park Refinery were not included in emissions inventories as required

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.100  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.10(d)(5)  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.6(e)(3)(i)

Description: documentation was not readily available to demonstrate the development of a formal startup, shutdown, and malfunction plan (SSMP), and to document that when appropriate, a semi-annual report was submitted

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.320  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.640(l)(3)  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(f)(1)(ii)

Description: documentation was not readily available to fully demonstrate the group 1 or group 2 applicability determination for miscellaneous process vents

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.110  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(4)(i)  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(6)

Description: although monthly monitoring of cooling water return to the HON SWT was conducted and no leaks were detected, it is unclear whether there was complete compliance with HON requirements

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(a)(1)(i)(A)  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(h)

Description: annual LDAR instrument monitoring of CPI and IGF benzene wastewater equipment had not been performed as required by benzene waste NESHAP regulations

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(a)(1)(i)(A)  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(b)

Description: periodic visual inspection of the CPI and IGF benzene wastewater equipment to ensure access hatches and other openings are properly closed and gasketed had not been performed as required by the benzene waste NESHAP regulations

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

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

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

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

Viol. Classification: Moderate

Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(b)  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(c)  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(d)

Description: failed to meet requirements for maintenance/start-up/shutdown related activities

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.110

Description: incorporation by reference of 40 CFR 63 Subpart F (SOCMI MACT standard)

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.120

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

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

Viol. Classification: Moderate

Citation: 40 CFR Chapter 262, SubChapter I, PT 262, SubPT C 262.34  
30 TAC Chapter 335, SubChapter C 335.69

Description: Equipment associated with a decommissioned cumene unit in the Phenol Acetone Production Areas was not properly decontaminated when shut down in 2001. Process vessels, pumps, exchangers, and piping

contain material that meets the definition of a characteristically hazardous waste (D002, D018).

Notice of Intent Date: 03/02/2005 (375030)

No DOV Associated

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

Disclosure Date: 07/14/2005

Viol. Classification: Minor

Rqmt Prov: PERMIT Air New Source Permit No. 9334 SC 10.D

Description: no notification 30 days in advance of 11/04 seal gap measurement for Aromatics EFR tank G-359

Viol. Classification: Minor

Rqmt Prov: PERMIT Air New Source Permits

Description: no notification 30 days in advance of refilling of Solvents IFR tank T140B, Phenol Acetone IFR tank D391, Solvents IFR tank F337

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.120

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

Rqmt Prov: PERMIT Permit 9334 Special Condition 10D

Description: no 10 yr internal seal inspection of Aromatics IFR tank F-361

Notice of Intent Date: 04/15/2005 (380864)

No DOV Associated

Notice of Intent Date: 05/18/2005 (396476)

No DOV Associated

Notice of Intent Date: 08/22/2005 (434090)

No DOV Associated

Notice of Intent Date: 08/22/2005 (434095)

No DOV Associated

Notice of Intent Date: 11/04/2005 (438422)

No DOV Associated

Notice of Intent Date: 12/02/2005 (451075)

No DOV Associated

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

No DOV Associated

Notice of Intent Date: 01/05/2006 (452952)

No DOV Associated

Notice of Intent Date: 05/22/2006 (454159)

No DOV Associated

Notice of Intent Date: 04/18/2007 (562595)

No DOV Associated

Notice of Intent Date: 08/03/2007 (593493)

No DOV Associated

Notice of Intent Date: 08/24/2007 (594238)

No DOV Associated

Notice of Intent Date: 09/24/2007 (596731)

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

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

No DOV Associated

Notice of Intent Date: 04/08/2008 (654698)

No DOV Associated

Notice of Intent Date: 04/18/2008 (654683)

No DOV Associated

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:	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):

	ACCOUNT NUMBER	
AIR OPERATING PERMITS	PERMIT	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
AIR NEW SOURCE PERMITS	REGISTRATION	84642
AIR NEW SOURCE PERMITS	REGISTRATION	84354
AIR NEW SOURCE PERMITS	REGISTRATION	84538
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 E, DEER PARK, TX, 77536 Rating Date: 9/1/2007 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: May 05, 2008

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: May 05, 2003 to May 05, 2008

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

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

### Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership of the site during the compliance period? Yes
3. If Yes, who is the current owner?

Shell Deer Park Refining Company  
 Shell Chemical LP  
 Shell Oil Company

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?

06/10/2004

**Components (Multimedia) for the Site :**

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

Effective Date: 06/12/2003

ADMINORDER 2002-0478-AIR-E

Classification: Moderate

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

Rqmt Prov: SC 4 PERMIT

Description: Failure to install redundant valves or end caps on open ended lines.

Classification: Moderate

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

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

Classification: Moderate

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

Rqmt Prov: SC 2 PERMIT

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

Classification: Moderate

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

Rqmt Prov: SC 8(A) PERMIT

Description: Failure to operate incinerator H9200 at a VOC outlet concentration of less than 20 ppmv.

Effective Date: 08/30/2004

ADMINORDER 2003-1321-AIR-E

Classification: Major

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

Rqmt Prov: MAERT PERMIT

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

Effective Date: 09/26/2004

ADMINORDER 2004-0101-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100  
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 unspecified VOC resulting in air contaminants in such concentration and duration so as to interfere with the normal use and enjoyment of property in the 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	05/09/2003	(26339)
2	05/10/2003	(450832)
3	05/11/2003	(26340)
4	05/22/2003	(157697)
5	05/27/2003	(157746)
6	05/30/2003	(36614)
7	06/05/2003	(29924)
8	06/16/2003	(114383)
9	06/24/2003	(157701)
10	06/25/2003	(157750)
11	06/26/2003	(60695)
12	06/28/2003	(33595)
13	07/23/2003	(284079)
14	07/23/2003	(295231)
15	07/25/2003	(157705)
16	07/25/2003	(157709)
17	08/06/2003	(114294)
18	08/12/2003	(148558)
19	08/23/2003	(36650)
20	08/26/2003	(295233)
21	08/29/2003	(149848)
22	09/22/2003	(295235)
23	09/25/2003	(295217)
24	10/22/2003	(249626)
25	10/23/2003	(295219)
26	10/27/2003	(295237)
27	10/28/2003	(252341)
28	11/21/2003	(295220)
29	11/26/2003	(295238)
30	11/30/2003	(248256)
31	12/17/2003	(295221)
32	12/23/2003	(295239)
33	01/02/2004	(257380)
34	01/02/2004	(252698)
35	01/04/2004	(251319)
36	01/14/2004	(254260)
37	01/21/2004	(252556)
38	01/22/2004	(295240)
39	01/26/2004	(295222)
40	01/28/2004	(261052)
41	02/23/2004	(248995)
42	02/23/2004	(432673)
43	02/27/2004	(295223)
44	03/16/2004	(295208)
45	03/24/2004	(295225)
46	03/31/2004	(260311)
47	04/16/2004	(256199)
48	04/21/2004	(295209)
49	04/23/2004	(295226)
50	05/19/2004	(256196)
51	05/19/2004	(295206)
52	05/19/2004	(295211)
53	05/25/2004	(268601)
54	05/25/2004	(295228)
55	05/25/2004	(266874)
56	05/26/2004	(273578)
57	06/03/2004	(270210)
58	06/09/2004	(272409)
59	06/18/2004	(271341)
60	06/18/2004	(270854)
61	06/21/2004	(295213)

62	06/23/2004	(352010)
63	07/14/2004	(260134)
64	07/22/2004	(352011)
65	07/26/2004	(352004)
66	08/11/2004	(288458)
67	08/11/2004	(288745)
68	08/11/2004	(287418)
69	08/11/2004	(287399)
70	08/16/2004	(279252)
71	08/16/2004	(279239)
72	08/23/2004	(352012)
73	08/24/2004	(352003)
74	08/24/2004	(352005)
75	08/31/2004	(272715)
76	08/31/2004	(267451)
77	08/31/2004	(268068)
78	08/31/2004	(292677)
79	09/07/2004	(292099)
80	09/22/2004	(352013)
81	09/30/2004	(287575)
82	10/04/2004	(352006)
83	10/18/2004	(335028)
84	10/20/2004	(352007)
85	10/20/2004	(352014)
86	11/11/2004	(289756)
87	11/12/2004	(290146)
88	11/12/2004	(288819)
89	11/22/2004	(285617)
90	11/22/2004	(352015)
91	11/23/2004	(352008)
92	11/29/2004	(339553)
93	12/05/2004	(268602)
94	12/10/2004	(338725)
95	12/11/2004	(341292)
96	12/11/2004	(342406)
97	12/11/2004	(342558)
98	12/14/2004	(341177)
99	12/14/2004	(342547)
100	12/15/2004	(340217)
101	12/17/2004	(339115)
102	12/20/2004	(352016)
103	12/21/2004	(342546)
104	12/27/2004	(352009)
105	12/28/2004	(290091)
106	12/28/2004	(338893)
107	12/29/2004	(342425)
108	12/30/2004	(342431)
109	12/30/2004	(344374)
110	12/30/2004	(344491)
111	01/04/2005	(288475)
112	01/04/2005	(285114)
113	01/04/2005	(288902)
114	01/04/2005	(342600)
115	01/04/2005	(293105)
116	01/05/2005	(289527)
117	01/05/2005	(288541)
118	01/06/2005	(344370)
119	01/06/2005	(344373)
120	01/06/2005	(289146)
121	01/07/2005	(288436)
122	01/09/2005	(289381)
123	01/10/2005	(286434)
124	01/10/2005	(287676)
125	01/10/2005	(279219)
126	01/20/2005	(381814)
127	01/24/2005	(381811)
128	01/26/2005	(342583)
129	01/31/2005	(342585)

130	02/01/2005	(342419)
131	02/22/2005	(350798)
132	02/22/2005	(381812)
133	02/23/2005	(371820)
134	03/22/2005	(381813)
135	03/23/2005	(381809)
136	03/28/2005	(381810)
137	04/01/2005	(346780)
138	04/22/2005	(419640)
139	04/22/2005	(419642)
140	04/22/2005	(575179)
141	04/29/2005	(344372)
142	05/03/2005	(373899)
143	05/09/2005	(378729)
144	05/18/2005	(575182)
145	05/25/2005	(380203)
146	06/17/2005	(392662)
147	06/20/2005	(575185)
148	06/21/2005	(419641)
149	06/21/2005	(419643)
150	06/28/2005	(394944)
151	07/06/2005	(398907)
152	07/13/2005	(374690)
153	07/18/2005	(575188)
154	07/18/2005	(379933)
155	07/18/2005	(379934)
156	07/20/2005	(400891)
157	07/21/2005	(400399)
158	07/28/2005	(379300)
159	08/02/2005	(400361)
160	08/03/2005	(399624)
161	08/05/2005	(341201)
162	08/05/2005	(341194)
163	08/05/2005	(341195)
164	08/05/2005	(341198)
165	08/05/2005	(341200)
166	08/10/2005	(403710)
167	08/15/2005	(453221)
168	08/16/2005	(404329)
169	08/16/2005	(404327)
170	08/18/2005	(404406)
171	08/22/2005	(400922)
172	08/22/2005	(575191)
173	08/23/2005	(401945)
174	08/23/2005	(404915)
175	08/25/2005	(405926)
176	08/30/2005	(401403)
177	09/23/2005	(440775)
178	09/23/2005	(440776)
179	09/27/2005	(575193)
180	09/28/2005	(431096)
181	10/04/2005	(405964)
182	10/05/2005	(407310)
183	10/05/2005	(406803)
184	10/05/2005	(431097)
185	10/05/2005	(431095)
186	10/10/2005	(406428)
187	10/24/2005	(468331)
188	10/24/2005	(575195)
189	10/26/2005	(433389)
190	10/28/2005	(405406)
191	11/03/2005	(431819)
192	11/04/2005	(431796)
193	11/04/2005	(431865)
194	11/14/2005	(371956)
195	11/23/2005	(433921)
196	11/23/2005	(575197)
197	11/28/2005	(437043)

198	11/28/2005	(468332)
199	11/30/2005	(437117)
200	12/08/2005	(418800)
201	12/16/2005	(451110)
202	12/21/2005	(575199)
203	12/22/2005	(575200)
204	12/27/2005	(468333)
205	01/24/2006	(451885)
206	01/24/2006	(468334)
207	01/24/2006	(575201)
208	02/16/2006	(454090)
209	02/21/2006	(455170)
210	02/21/2006	(575174)
211	02/21/2006	(454835)
212	02/23/2006	(455872)
213	02/23/2006	(455897)
214	02/23/2006	(439108)
215	02/24/2006	(438342)
216	02/24/2006	(468329)
217	02/25/2006	(456944)
218	02/25/2006	(457085)
219	02/27/2006	(457162)
220	02/27/2006	(456661)
221	02/28/2006	(457143)
222	02/28/2006	(457152)
223	03/03/2006	(455540)
224	03/09/2006	(457675)
225	03/15/2006	(458469)
226	03/17/2006	(451544)
227	03/20/2006	(431859)
228	03/20/2006	(571632)
229	03/21/2006	(575176)
230	03/23/2006	(290016)
231	03/23/2006	(468330)
232	03/28/2006	(405965)
233	04/03/2006	(455004)
234	04/21/2006	(575180)
235	04/24/2006	(449499)
236	04/24/2006	(498125)
237	04/25/2006	(449838)
238	04/26/2006	(455005)
239	04/27/2006	(440023)
240	04/28/2006	(462216)
241	05/10/2006	(266908)
242	05/10/2006	(268067)
243	05/12/2006	(461088)
244	05/17/2006	(461235)
245	05/17/2006	(466235)
246	05/22/2006	(498126)
247	05/22/2006	(575183)
248	05/26/2006	(460174)
249	05/26/2006	(460095)
250	05/26/2006	(460156)
251	05/26/2006	(460637)
252	05/30/2006	(459416)
253	05/30/2006	(460198)
254	05/31/2006	(480622)
255	05/31/2006	(455293)
256	06/12/2006	(455296)
257	06/13/2006	(457735)
258	06/14/2006	(480612)
259	06/15/2006	(449850)
260	06/16/2006	(575186)
261	06/20/2006	(498127)
262	06/21/2006	(467546)
263	06/23/2006	(467537)
264	06/23/2006	(467329)
265	06/28/2006	(467525)

266	06/30/2006	(463111)
267	06/30/2006	(466561)
268	07/10/2006	(482757)
269	07/11/2006	(482755)
270	07/11/2006	(482760)
271	07/11/2006	(482407)
272	07/14/2006	(467608)
273	07/24/2006	(520133)
274	07/24/2006	(575189)
275	07/26/2006	(487301)
276	07/27/2006	(486448)
277	07/31/2006	(482753)
278	08/08/2006	(482747)
279	08/14/2006	(480383)
280	08/16/2006	(392732)
281	08/18/2006	(457259)
282	08/18/2006	(457480)
283	08/22/2006	(575192)
284	08/23/2006	(457432)
285	08/25/2006	(510170)
286	08/28/2006	(479997)
287	08/29/2006	(509957)
288	08/29/2006	(479999)
289	08/30/2006	(509636)
290	08/31/2006	(457283)
291	09/07/2006	(510326)
292	09/22/2006	(575194)
293	09/25/2006	(520134)
294	09/29/2006	(487313)
295	10/04/2006	(510017)
296	10/04/2006	(512388)
297	10/05/2006	(510021)
298	10/05/2006	(512393)
299	10/05/2006	(512392)
300	10/13/2006	(510023)
301	10/23/2006	(575196)
302	10/24/2006	(544406)
303	10/26/2006	(512394)
304	10/27/2006	(515112)
305	10/31/2006	(513138)
306	10/31/2006	(509694)
307	10/31/2006	(343595)
308	11/03/2006	(513228)
309	11/03/2006	(513328)
310	11/06/2006	(515706)
311	11/16/2006	(512687)
312	11/16/2006	(514711)
313	11/21/2006	(517284)
314	11/22/2006	(575198)
315	11/27/2006	(544407)
316	11/30/2006	(379581)
317	12/07/2006	(488023)
318	12/07/2006	(488025)
319	12/07/2006	(487985)
320	12/07/2006	(488004)
321	12/15/2006	(508968)
322	12/21/2006	(534053)
323	12/27/2006	(544408)
324	12/27/2006	(544409)
325	12/29/2006	(343599)
326	01/19/2007	(531892)
327	01/22/2007	(575202)
328	01/31/2007	(537439)
329	01/31/2007	(538238)
330	01/31/2007	(538659)
331	02/17/2007	(532455)
332	02/20/2007	(457345)
333	02/22/2007	(575167)

334	02/22/2007	(575175)
335	02/23/2007	(532463)
336	02/23/2007	(532452)
337	02/27/2007	(532471)
338	03/01/2007	(509707)
339	03/05/2007	(406521)
340	03/21/2007	(575177)
341	03/23/2007	(575168)
342	04/12/2007	(554202)
343	04/19/2007	(575169)
344	04/23/2007	(575181)
345	04/25/2007	(542681)
346	04/25/2007	(532459)
347	04/26/2007	(541475)
348	04/30/2007	(542592)
349	04/30/2007	(542683)
350	05/07/2007	(537121)
351	05/08/2007	(542690)
352	05/09/2007	(467500)
353	05/14/2007	(542697)
354	05/16/2007	(575170)
355	05/18/2007	(542652)
356	05/22/2007	(575184)
357	05/29/2007	(559183)
358	05/30/2007	(560809)
359	06/20/2007	(575171)
360	06/22/2007	(575187)
361	06/25/2007	(563779)
362	06/25/2007	(564308)
363	06/27/2007	(564822)
364	06/27/2007	(564828)
365	07/06/2007	(565610)
366	07/10/2007	(565422)
367	07/20/2007	(575172)
368	07/20/2007	(575173)
369	07/23/2007	(575178)
370	07/23/2007	(575190)
371	08/01/2007	(567841)
372	08/03/2007	(568522)
373	08/13/2007	(571026)
374	08/14/2007	(567884)
375	08/15/2007	(571883)
376	08/17/2007	(571025)
377	08/22/2007	(607528)
378	09/18/2007	(571877)
379	09/19/2007	(572770)
380	09/20/2007	(601572)
381	09/24/2007	(607529)
382	10/12/2007	(560777)
383	10/16/2007	(593594)
384	10/18/2007	(601573)
385	10/25/2007	(596852)
386	11/06/2007	(593367)
387	11/06/2007	(565492)
388	11/15/2007	(597968)
389	11/15/2007	(597891)
390	11/19/2007	(572257)
391	11/19/2007	(599691)
392	11/20/2007	(619483)
393	11/27/2007	(597446)
394	11/30/2007	(608138)
395	11/30/2007	(601276)
396	12/04/2007	(600886)
397	12/20/2007	(619484)
398	12/20/2007	(610419)
399	01/07/2008	(598077)
400	01/17/2008	(599615)
401	01/17/2008	(619485)

402 01/17/2008 (600635)  
 403 01/17/2008 (599822)  
 404 01/17/2008 (599668)  
 405 01/22/2008 (613355)  
 406 01/25/2008 (615969)  
 407 01/25/2008 (615999)  
 408 01/25/2008 (597769)  
 409 01/25/2008 (615280)  
 410 01/28/2008 (616080)  
 411 01/28/2008 (616082)  
 412 02/01/2008 (607448)  
 413 02/01/2008 (614303)  
 414 02/01/2008 (615075)  
 415 02/01/2008 (613923)  
 416 02/01/2008 (614301)  
 417 02/04/2008 (614031)  
 418 02/05/2008 (610680)  
 419 02/13/2008 (616505)  
 420 02/14/2008 (616503)  
 421 02/28/2008 (637020)  
 422 03/07/2008 (612807)  
 423 03/10/2008 (617388)  
 424 03/12/2008 (637217)  
 425 03/24/2008 (616741)  
 426 03/24/2008 (638443)  
 427 03/28/2008 (600448)  
 428 03/31/2008 (610634)  
 429 04/09/2008 (610636)  
 430 04/11/2008 (610638)  
 431 04/11/2008 (637073)  
 432 04/21/2008 (639674)  
 433 04/22/2008 (653495)  
 434 05/02/2008 (650560)

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

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

Date: 07/31/2003 (157709)  
 Self Report? YES Classification: Moderate  
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter

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

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

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

Date: 01/14/2004 (254260)  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: PERMIT TCEQ AIR PERMIT #3219, SC #4  
Description: Main induced-draft fan on Boiler H-8610 shut down when governor seized due to dirty oil (inadequate attention to the status of the oil). The (large) boiler tripped on loss of the fan. Two olefin plants were shut down due to insufficient steam supply to the steam turbines driving the large critical compressors.

Date: 01/21/2004 (252556)

Self Report? NO Classification: Moderate

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

Rqmt Prov: PERMIT TCEQ AIR PERMIT #21262, SC #1

Description: Shell damaged the lube oil pump for the Recycle Gas Compr. Either possible root cause (failure to prime the pump or improperly installing the new motive screws) avoidably damaged those screws. Shell failed to control SO2 emissions during a startup activity.

Date: 04/30/2004 (295228)

Self Report? YES Classification: Moderate

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

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

Date: 06/30/2004 (352011)

Self Report? YES Classification: Moderate

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

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

Date: 07/13/2004 (260134)

Self Report? NO Classification: Minor

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

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

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

Date: 08/31/2004 (272715)

Self Report? NO Classification: Moderate

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

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

Description: Failure to operate within the permit limits.

Date: 08/31/2004 (267451)

Self Report? NO Classification: Moderate

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

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

Description: Failure to prevent unauthorized emissions.

Date: 09/22/2004 (335028)

Self Report? NO Classification: Moderate

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

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

Date: 09/30/2004 (352007)

Self Report? YES Classification: Moderate

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

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

Date: 11/22/2004 (285617)

Self Report? NO Classification: Moderate

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

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

Description: Failure to operate within the permit limits.

Self Report? NO Classification: Minor

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

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

Date: 11/30/2004 (352009)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 12/14/2004 (340217)  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(4)  
 30 TAC Chapter 305, SubChapter F 305.125(5)  
 TWC Chapter 26 26.121(a)(1)  
 Description: Failure to prevent the unauthorized discharge of untreated or partially treated process, sanitary, balast, and utility wastewaters through outfall 008. The permittee is authorized to discharge storm water and fire water only to outfall 008. See attached Table 1.  
 Date: 12/28/2004 (290091)  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)  
 30 TAC Chapter 116, SubChapter B 116.115(b)(2)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: PERMIT No. 3219 and PSD-TX-974, GC #8  
 Description: Failure to avoid loss of cooling in the PRC surface condensate system.  
 Date: 12/30/2004 (344491)  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)  
 30 TAC Chapter 116, SubChapter G 116.715(a)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: PA Permit #21262/PSD-TX-928, SC#1  
 Description: Failure to control emissions.  
 Date: 12/30/2004 (344374)  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)  
 30 TAC Chapter 116, SubChapter G 116.715(a)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: PA Permit #s:21262,PSD-TX-928, SC #1  
 Description: Failure to Control Emissions  
 Date: 01/04/2005 (342600)  
 Self Report? NO Classification: Moderate

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

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)  
 Description: Failure to report emissions event in a timely manner.  
 Date: 01/07/2005 (288436)  
 Self Report? NO Classification: Moderate

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

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

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 04/29/2005 (344372)  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Description: Failure to control emissions.

Date: 05/31/2005 (575185)  
 Self Report? YES Classification: Moderate  
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 06/20/2005 (395120)  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: PERMIT No. 9334, Gen. Condition #8  
 Description: Failure to prevent spill during tank heel transfer.  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)  
 30 TAC Chapter 101, SubChapter F 101.201(b)(8)  
 Description: Failure to submit an emissions event in a timely manner.  
 Date: 07/31/2005 (419643)  
 Self Report? YES Classification: Moderate  
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 07/31/2005 (575191)  
 Self Report? YES Classification: Moderate  
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 08/17/2005 (404327)  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)  
 Description: Failure to maintain ammonia emissions below 10ppm on furnace 110.  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)  
 Description: Failure to maintain ammonia emissions below 10ppm on furnace 150.  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)  
 Description: Failure to maintain ammonia emissions below 10ppm on furnace 180.  
 Date: 09/30/2005 (468331)  
 Self Report? YES Classification: Moderate  
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 10/10/2005 (406428)  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Description: Failure to control emissions.  
 Date: 11/30/2005 (575199)  
 Self Report? YES Classification: Moderate  
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 12/08/2005 (418800)  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 Description: Failure to maintain compliance with the effluent permit limits. Effluent violations were reported for ammonia-nitrogen at outfall 104 in 07/05 and for calcium, nickel and fecal coliform at outfall 001 in 03/05.  
 Date: 02/23/2006 (439108)  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: PA 3219 AND PSD-TX-974  
 Description: Exceeded permit limits during an avoidable emissions event.  
 Date: 02/27/2006 (438342)

Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Description: Failed to control unauthorized emissions.  
 Date: 04/04/2006 (455004)

Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: PA NSR Permit #3173, Special Condition #1  
 Description: Failure to control unauthorized emissions for Incident #64365.  
 Date: 05/17/2006 (461235)

Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.665(f)  
 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(j)(7)  
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1946, Special Condition 15H  
 OP 1946, Special Condition 1A  
 Description: Failure to record whether the pilot flame was continuously present during each hour for  
 Flares OP2ELFLA and OP3ELFLA

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1668, Special Condition 1A  
 Description: Failure to record daily flare observations for Flares OP2ELFLA, OP3ELFLA and  
 OP3GRFLA.

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

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 115, SubChapter H 115.783(5)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1946, Special Condition 1A  
 OP 1946, Special Condition 21  
 PERMIT 3216, Special Condition 6E  
 PERMIT 3218, Special Condition 8E  
 Description: Nine OELs in HT2; 2 OELs in CIPX

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 115, SubChapter H 115.783(5)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: PERMIT 18576, Special Condition 7E  
 OP 1946, Special Condition 1A  
 OP 1946, Special Condition 21  
 Description: Failure to seal 18 OELs in IRU.

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 115, SubChapter H 115.783(5)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)  
 Rqmt Prov: OP 1946, Special Condition 1A  
 OP 1946, Special Condition 21  
 PERMIT 3217, Special Condition 3E  
 Description: Failure to seal OELs in BD3.  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1946, Special Condition 21  
 PERMIT 3216, Special Condition 1  
 PERMIT 3216, Special Condition 5  
 Description: Furnaces FOL-601 and FOL-602 exceeded the permitted maximum hourly firing rates.  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1946, Special Condition 21  
 PERMIT 3216, Special Conditions 1 and 4  
 Description: The fuel gas used by Furnaces FOL601, FOL602, FOL603 and FOL604 exceeded the permitted maximum H2S concentration.  
 Date: 05/31/2006 (455293)  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 Rqmt Prov: PERMIT No. 3219 and PSD-TX-974 MAERT  
 Description: Failure to prevent an operator error resulting in unauthorized emissions.  
 Date: 06/15/2006 (457735)  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 Rqmt Prov: PERMIT 9334 MAERT  
 Description: Failure to prevent a leak from a line that was bent beyond its minimum flex radius creating a weak point that resulted in unauthorized emissions.  
 Date: 06/16/2006 (510170)  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 Rqmt Prov: PERMIT Self-reporting Requirements  
 Description: Using unapproved self-generated Discharge Monitoring Report (DMR) forms to report monitoring results.  
 Date: 06/28/2006 (467525)  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: PERMIT #21262, Special Condition #1  
 Description: Failure to prevent overpressure of Secondary Debutanizer Column, V-613.  
 Date: 06/30/2006 (520133)  
 Self Report? YES Classification: Moderate  
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 07/14/2006 (467608)  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: PERMIT No 3219 MAERT  
 Description: Failure to prevent unauthorized emissions during decoking of furnace FOL170.  
 Date: 07/31/2006 (440775)  
 Self Report? YES Classification: Moderate  
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 07/31/2006 (575192)  
 Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 08/18/2006 (457259)  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 115, SubChapter H 115.783(5)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: PERMIT 266, SC 7E  
 PERMIT 3985A, SC 7E  
 OP O-01947, Special Condition 13  
 OP O-01947, Special Condition 1A  
 Description: 3 OELs in SITEFE and 1 OEL in WRACKFE  
 Date: 08/23/2006 (457432)  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(c)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1948, Special Condition 1A  
 Description: Components associated with Tank F-347 and Tank F-349 were not identified as being  
 subject to 40 CFR 63, Subpart H.  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1948, Special Condition 13  
 OP 1948, Special Condition 1A  
 PERMIT 19849, Special Condition 11E  
 Description: 10 OELs in MPLANTFE  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 115, SubChapter H 115.783(5)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1948, Special Condition 13  
 OP 1948, Special Condition 1A  
 PERMIT 1968, Special Condition 3E  
 PERMIT 19849, Special Condition 11E  
 PERMIT 3173, Special Condition 6E  
 Description: 5 OELs in LPGFE; 15 OELs in IPAFINFE; 8 OELs in IPACRUFE; 1 OEL in HPLANTFE  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(2)(C)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1948, Special Condition 13  
 OP 1948, Special Condition 1A  
 PERMIT 3173, Special Condition 6F  
 Description: Failure to monitor Valve Tag No. 301622 in IPAFINFE during the first quarter of 2005  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP 1948, Special Condition 13  
 PERMIT 19849, Special Condition 7D  
 Description: Failure to inspect Tank T667B by the due date of March 2005  
 Self Report? NO Classification: Moderate

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

Rqmt Prov: OP 1948, Special Condition 13  
PERMIT 3173, Special Condition 1  
Description: VOC emissions from V118 exceeded the combined hourly emissions limit of 6.49 lb/hr-0.52 lb/hr permitted in Permit 3173 and 5.97 lb/hr represented in PBR Registration No. 74572.

Self Report? NO Classification: Moderate

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

Rqmt Prov: OP 1948, Special Condition 1H(iv)  
Description: Failure to repair Component No. 200706 in IPACRUFU within seven days

Self Report? NO Classification: Minor

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

Rqmt Prov: OP 1948, Special Condition 1A  
Description: Failure to monitor a relief valve in Unit LPGFE within 24 hours after the valve released emissions to the atmosphere

Date: 08/28/2006 (479997)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(2)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 3219, Special Condition 2I  
OP O-1668, Special Condition 15  
OP O-1668, Special Condition 1H(v)  
Description: Failure to repair Component No. 64110.P in OP2FUG within 15 days

Self Report? NO Classification: Minor

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

Rqmt Prov: PERMIT 3219, Special Condition 2E  
OP O-1668, Special Condition 15  
OP O-1668, Special Condition 1A  
Description: Forty-nine incidences of open-ended lines in OP2FUG

Self Report? NO Classification: Minor

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

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

Description: 26 OELs in OL3FUG and 4 OELs in PYR3FUG  
Self Report? NO Classification: Minor

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

Rqmt Prov: PERMIT 3214, Special Condition 5E  
PERMIT 3219, Special Condition 2E  
OP O-1668, Special Condition 15  
OP O-1668, Special Condition 1A  
Description: 28 OELs in OL3FUG, 4 OELs in OP2FUG, and 25 OELs in PYR3FUG

Self Report? NO Classification: Moderate

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

Rqmt Prov: PERMIT 3219, Maximum Allowable Emission Rates  
 OP O-1668, Special Condition 15  
 Description: Exceedance of VOC MAER in tpy for the Olefins Flare System  
 Date: 08/29/2006 (479999)  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(2)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 15E  
 OP O-1943, Special Condition 17  
 OP O-1943, Special Condition 1A  
 Description: One OEL in ACUFUG and one OEL in FUGOXU  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 7  
 OP O-1943, Special Condition 17  
 Description: Incomplete records of furnace firing rates for the ACU furnace, EPN H902  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.120(a)(3)(iii)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP O-1943, Special Condition 1A  
 Description: Failure to conduct internal inspection of Tank F-361 by the due date of May 2005  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 8  
 OP O-1943, Special Condition 17  
 Description: Operation of the East Property Flare with visible emissions  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to visually inspect Tank G-359 by the due date of August 16, 2005  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 10D  
 OP O-1943, Special Condition 17  
 Description: Failure to provide notification to the TCEQ 30 days in advance of taking gap measurements in Tank G-359  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(2)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 9334, Special Condition 10D  
 OP O-1943, Special Condition 17  
 OP O-1943, Special Condition 1A  
 Description: Failure to perform the annual seal gap inspection for Tank G-343 by the due date of September 1, 2005.  
 Date: 08/31/2006 (457283)  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT 48912, Special Condition 5  
 OP O-2108, Special Condition 15  
 Description: Failure to analyze wastewater for isobutyraldehyde  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.132(a)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP O-2108, Special Condition 1A  
 Description: Failure to meet the control requirements for VOC water separators NAPI and SAPI  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.116b(f)(2)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP O-2108, Special Condition 1A  
 Description: Failure to obtain vapor pressure sample from T-1318  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(f)(2)  
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP O-2108, Special Condition 1A  
 Description: Failure to monitor the presence of the pilot flame on the A&S Flare, EPN A1301  
 Date: 11/03/2006 (513328)  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.223(a)(1)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 Description: Shell failed to submit a CAP in a timely manner.  
 Date: 11/14/2006 (512687)  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP FOP #O-01669, Special Condition #1A  
 Description: Failure to record the daily visual observations of flare per 30 TAC111.111(a)(4)(A)(ii).  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.100(1)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)  
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP FOP #O-01669, Special Condition #1A  
 OP FOP #O-01669, Special Condition #1D  
 Description: Failure to prevent visible emissions in the operation of flares on six different occasions during the compliance certification period as required by 40 CFR 63.11(b)(4) and 40 CFR 60.18(c)(1).  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.145(2)(A)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Description: Failure to include all deviations in the deviation and annual compliance certification reports in accordance with 30 TAC 122.145(2)(A).  
 Date: 11/30/2006 (544408)  
 Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 12/31/2006 (544409)  
 Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 02/23/2007 (532452)  
 Self Report? NO Classification: Minor

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

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(f)(1)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Rqmt Prov: OP FOP O-01946, Special Condition 1A  
 OP FOP O-01946, Special Condition 1M(iv)  
 OP FOP O-01946, Special Condition 21  
 PA NSR #18576, Special Condition 7H  
 PA NSR #3216, Special Condition 6H  
 PA NSR #3217, Special Condition 3H  
 Description: Failure to maintain leaking component tags on 15 leaking LDAR components per 30 TAC 115.354(5).

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-1(d)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP # O-01946, Special Condition 1A  
 OP FOP #O-01946, Special Condition 21  
 PA NSR 3216, Special Condition 2  
 PA NSR 3218, Special Condition 2  
 Description: Failure to maintain 94 LDAR components with identification tags as required by 40 CFR 61.242-1(d) as well NSR Permits #3216 and #3218.

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 115, SubChapter H 115.783(5)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)  
 40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)  
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 1A  
 OP FOP O-01946, Special Condition 1M(iv)  
 OP FOP O-01946, Special Condition 21  
 PA NSR Permit 3215, Special Condition 2E  
 PA NSR Permit 3216, Special Condition 2  
 PA NSR Permit 3216, Special Condition 6E  
 PA NSR Permit 3217, Special Condition 3E  
 PA NSR Permit 3218, Special Condition 2  
 PA NSR Permit 3218, Special Condition 8E  
 Description: Failure to cap 57 open-ended valves/lines per 30 TAC 115.352(4). Some of these open-ends are violations of HON, NSPS, NESHAPs, and several NSR permits.

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 21  
 PA NSR Permit 3216, Special Condition 5  
 Description: Failure to monitor the firing rate of the FOL-601 furnace for 213 hours as required by NSR Permit #3216, Special Condition #5.

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(f)(2)  
 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: OP FOP O-01946, Special Condition 1A  
 OP FOP O-01946, Special Condition 21  
 PA NSR Permit 3219, Special Condition 4  
 Description: Failure to continuously monitor for the presence of a flare pilot light on the OP3ELFLA unit, on two separate occasions for a total of 156 hours, as required by 40 CFR 60.18(f)(2), 40 CFR 63.11(b)(5), and NSR #3219, SC#4.

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)

Rqmt Prov: 5C THC Chapter 382, SubChapter A 382.085(b)  
OP FOP O-01946, Special Condition 21  
PA NSR Permit 3216, Special Condition 1  
Description: Failure to comply with NSR Permit #3216 MAERT limits for EPN FOL604, by emitting to atmosphere 93.7 lbs. of VOC during a four hour period on January 23, 2006.

Self Report? NO Classification: Minor

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

Rqmt Prov: OP FOP O-01946, Special Condition 1M(ii)  
Description: Failure to capture required fuel gas monitoring and recordkeeping data, for approximately eight hours on February 17, 2006, relating to uncontrolled HRVOC-service vents, as required by 30 TAC 115.725(a)(1)(B).

Self Report? NO Classification: Moderate

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

Rqmt Prov: OP FOP O-01946, Special Condition 1M(ii)  
Description: Failure to limit the fuel gas flow for Flare FOL-604 to 19,100scf/hr. for approximately 180 hours between February 1 through February 16, 2006. Exceeding this limit is a violation of 30 TAC 115.725(a)(1)(C).

Self Report? NO Classification: Minor

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

Rqmt Prov: OP FOP O-01946, Special Condition 1A  
Description: Failure to perform seal gap inspections for Tank 354 as required by 30 TAC 115.114(a)(2) and 40 CFR 60.113b(b)(1).

Self Report? NO Classification: Moderate

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

Rqmt Prov: OP FOP O-01946, Special Condition 28  
Description: Failure to provide chemical process training to refinery personnel per by 40 CFR 68.73(c).

Date: 02/27/2007 (532471)

Self Report? NO Classification: Moderate

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

Rqmt Prov: OP FOP #O-01947, General Terms & Conditions  
Description: Failure to submit PCC within 30 days as required.

Self Report? NO Classification: Minor

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

Rqmt Prov: OP FOP #O-01947, General Terms & Conditions  
Description: Failure to submit a Deviation report within 30 days as required.

Date: 02/28/2007 (575168)

Self Report? YES Classification: Moderate

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

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

Date: 02/28/2007 (575177)

Self Report? YES Classification: Moderate

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

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

Date: 03/31/2007 (575169)

Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 04/30/2007 (575170)  
 Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 05/14/2007 (542697)  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.211(a)  
 Description: Failure to submit the initial notification ten days prior or as soon as practicable for a major turnaround.  
 Date: 05/31/2007 (575171)  
 Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 05/31/2007 (575187)  
 Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 06/30/2007 (575172)  
 Self Report? YES Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 TWC Chapter 26 26.121(a)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 07/31/2007 (575173)  
 Self Report? YES Classification: Moderate

Citation: 2D TWC Chapter 26, SubChapter A 26.121(a)  
 30 TAC Chapter 305, SubChapter F 305.125(1)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 08/29/2007 (543555)  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)  
 30 TAC Chapter 122, SubChapter B 122.145(2)(C)  
 30 TAC Chapter 122, SubChapter B 122.146(2)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 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 Classification: Moderate

Citation: 2D TWC Chapter 26, SubChapter A 26.121(a)  
 30 TAC Chapter 305, SubChapter F 305.125(1)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 09/30/2007 (601573)  
 Self Report? YES Classification: Moderate

Citation: 2D TWC Chapter 26, SubChapter A 26.121(a)  
 30 TAC Chapter 305, SubChapter F 305.125(1)  
 Description: Failure to meet the limit for one or more permit parameter  
 Date: 02/05/2008 (610680)  
 Self Report? NO Classification: Minor

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

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

Self Report? NO Classification: Minor

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

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 Classification: Minor

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

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 Classification: Moderate

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

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 Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.725(c)(3)(D)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
5C THSC Chapter 382 382.085(b)

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

Description: Failure to meet HRVOC monitoring/recordkeeping requirements.

Self Report? NO Classification: Minor

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

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 Classification: Minor

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

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 Classification: Moderate

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

Rqmt Prov: 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.

Date: 03/10/2008 (617388)

Self Report? NO

Classification: Minor

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

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

Date: 04/01/2008 (610634)

Self Report? NO

Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
30 TAC Chapter 115, SubChapter H 115.783(5)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT I 61.112(a)  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.242-6(a)(2)  
5C THSC Chapter 382 382.085(b)

Rqmt Prov: PERMIT NSR 3214, SC 5(E)  
PERMIT NSR 3214, SC 6(E)  
PERMIT NSR 3219, SC 2(E)  
PERMIT NSR 3219, SC 8  
OP O-01668, SC 1(A)  
OP O-01668, SC 1(H)(v)  
OP O-01668, SC 15(A)

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

Self Report? NO

Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)  
30 TAC Chapter 115, SubChapter H 115.782(a)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT I 61.112(a)  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.246(b)(1)  
5C THSC Chapter 382 382.085(b)

Rqmt Prov: PERMIT NSR 3214, SC 5(H)  
PERMIT NSR 3214, SC 6(H)  
PERMIT NSR 3219, SC 2(H)  
PERMIT NSR 3219, SC 8  
OP O-01668, SC 1(A)  
OP O-01668, SC 1(H)(v)  
OP O-01668, SC 15(A)

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

Self Report? NO

Classification: Minor

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

Rqmt Prov: OP O-01668, SC 1(H)(v)

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

Self Report? NO

Classification: Moderate

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

Rqmt Prov: PERMIT NSR 56496, GC 8  
PERMIT NSR 56496, SC 1  
OP O-01668, SC 15(A)

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

Self Report? NO

Classification: Moderate

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

Rqmt Prov: PERMIT NSR 56496, SC 5  
OP O-01668, SC 15(A)

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

limit for calendar year 2006 for FOL-700 and FOL-710.

Self Report?	NO	Classification:	Minor
Citation:	30 TAC Chapter 115, SubChapter B 115.136(a)(1) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b)		
Rqmt Prov:	OP O-01668, SC 1(A)		
Description:	Failure to collect required daily samples for LO3CPI from October 24, 2006 at 0000 to November 30, 2006 at 2300.		
Self Report?	NO	Classification:	Minor
Citation:	30 TAC Chapter 115, SubChapter H 115.764(a)(6) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b)		
Rqmt Prov:	OP O-01668, SC 1(H)(iv)		
Description:	Failure to collect samples when the HRVOC monitor was down more than 24 hrs for OP3CWT and OP2CWT (OP3CWT missed 2 samples, OP2CWT-North riser missed 2 samples, and OP2CWT-South riser missed 1 sample) from August 24, 2006 at 0000 to February 23, 2007 at 2300.		
Self Report?	NO	Classification:	Moderate
Citation:	30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5) 5C THSC Chapter 382 382.085(b)		
Rqmt Prov:	PERMIT NSR 3219, SC 16 PERMIT NSR 3219, SC 5 OP O-01668, SC 1(A) OP O-01668, SC 15(A)		
Description:	Failure to verify the presence of pilot flame for 8 block hrs (invalid data or signal indicated loss of pilot and the operator logs to indicate if pilot was indeed lit were not completed) for OP2 ELFLA on February 27, 2007 from 0100 to 0900.		
Self Report?	NO	Classification:	Minor
Citation:	30 TAC Chapter 115, SubChapter H 115.725(d)(4) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b)		
Rqmt Prov:	OP O-01668, SC 1(H)(ii)		
Description:	Failure to collect samples when the HRVOC monitor was down for more than 8 hrs for OP3ELFLA (9 samples missed), OP2ELFLA (8 samples missed), OP3GRFLA (7 samples missed) from August 24, 2006 at 0000 to February 23, 2007 at 2300 and from February 24, 2007 at 0000 to August 23, 2007 at 2300.		
Self Report?	NO	Classification:	Moderate
Citation:	30 TAC Chapter 115, SubChapter H 115.722(c)(1) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b)		
Rqmt Prov:	OP O-01668, SC 1(H)(ii)		
Description:	Failure to prevent two exceedances of the site-wide HRVOC limit of 1200 lb/hr, as reported in STEERS 86796 and STEERS 90699 on February 01, 2007 from 2200 to 2300 and on May 03, 2007 from 0200 to 0600.		
Self Report?	NO	Classification:	Minor
Citation:	30 TAC Chapter 115, SubChapter H 115.725(d)(3) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b)		
Rqmt Prov:	OP O-01668, SC 1(H)(ii)		
Description:	Failure to prevent CMS downtimes greater than 5% (OP3ELFLA (up time of 93.3%), OP2ELFLA (up time of 86.3%), and OP2GRFLA (up time of 93.7%), for calendar year 2006.		
Self Report?	NO	Classification:	Moderate
Citation:	30 TAC Chapter 122, SubChapter B 122.143(4) 30 TAC Chapter 122, SubChapter C 122.210(a) 5C THSC Chapter 382 382.085(b)		
Rqmt Prov:	OP O-01668, SC 15(B)		
Description:	Failure to include all authorizations in Federal Operating Permit (FOP) O-01668, issued October 18, 2004 and amended February 1, 2006.		
Self Report?	NO	Classification:	Moderate
Citation:	30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.113b(b)(1)(i) 5C THSC Chapter 382 382.085(b)		

Rqmt Prov: OP O-01668, SC 1(A)  
 Description: Failure to conduct physical measurements (every 5 years at least) on the primary seal of Tank AP-19.  
 Date: 04/09/2008 (639062)  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter B 115.114(a)(1)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.113b(a)(2)  
 5C THSC Chapter 382 382.085(b)  
 Rqmt Prov: PERMIT NSR 3173, SC 3  
 PERMIT NSR 3173, SC 8(D)  
 PERMIT NSR 3985A, SC 8(D)  
 PERMIT NSR19849, SC 7(D)  
 OP O-01948, SC 1(A)  
 OP O-01948, SC 13(A)  
 Description: Failure to perform annual visual internal floating roof (IFR) inspections in OXYSOLVTANK in a timely manner.  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 115, SubChapter H 115.783(5)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)  
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)  
 5C THSC Chapter 382 382.085(b)  
 Rqmt Prov: PERMIT NSR 1968, SC 3(E)  
 PERMIT NSR 19849, SC 11(E)  
 PERMIT NSR 19849, SC 13  
 PERMIT NSR 19849, SC 14  
 PERMIT NSR 3173, SC 6(E)  
 OP O-01948, 13(A)  
 OP O-01948, SC 1(A)  
 OP O-01948, SC 1(H)(iv)  
 Description: Failure to seal open-ended lines.  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(1)(A)  
 30 TAC Chapter 115, SubChapter H 115.782(b)(2)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THSC Chapter 382 382.085(b)  
 Rqmt Prov: PERMIT NSR 3173, SC 6(I)  
 OP O-01948, SC 1(A)  
 OP O-01948, SC 1(H)(iv)  
 OP O-01948, SC 13(A)  
 Description: Failure to repair connector 702527 in IPACRUFU (in HRVOC service) within 15 days  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)  
 30 TAC Chapter 115, SubChapter H 115.782(a)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THSC Chapter 382 382.085(b)  
 Rqmt Prov: PERMIT NSR 3173, SC 6(H)  
 OP O-01948, SC 1(A)  
 OP O-01948, SC 1(H)(iv)  
 OP O-01948, SC 13(A)  
 Description: Failure to tag two components, 201566.1 and 201589.P, on June 18, 2007.  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(3)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THSC Chapter 382 382.085(b)  
 Rqmt Prov: OP O-01948, SC 1(H)(ii)  
 Description: Failure to prevent CMS downtimes greater than 5% for the A&S Flare CMS (HRVOC analyzer).  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(4)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THSC Chapter 382 382.085(b)

Rqmt Prov: OP O-01948, SC 1(H)(ii)

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

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.764(a)(6)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THSC Chapter 382 382.085(b)

Rqmt Prov: OP O-01948, SC 1(H)(iii)

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

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(c)(3)(D)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THSC Chapter 382 382.085(b)

Rqmt Prov: OP O-01948, SC 1(H)(ii)

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

Date: 04/11/2008 (637073)

Self Report? NO Classification: Moderate

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

Rqmt Prov: OP O-01947, SC 1(H)(iii)

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

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(c)(3)(D)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THSC Chapter 382 382.085(b)

Rqmt Prov: OP O-01947, SC 1(H)(ii)

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

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(4)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THSC Chapter 382 382.085(b)

Rqmt Prov: OP O-01947, SC 1(H)(ii)

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

Date: 04/11/2008 (610638)

Self Report? NO Classification: Minor

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

Rqmt Prov: OP O-02108, SC 1(A)  
 OP O-02108, SC 15(A)  
 PERMIT Permit 19849, SC 11(E)

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

Self Report? NO Classification: Minor

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

Rqmt Prov: OP O-02108, SC 1(A)

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

Self Report? NO Classification: Minor

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

Rqmt Prov: OP O-02108, SC 1(A)

Description: Failure to collect the required daily sample for the API vapor pressure from

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 116.110(a)

Description: Failed to authorize emissions from rail car cleaning.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.10

Description: Failed to report emissions from EPN Carclean in emissions inventory.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter F 115.541

Description: Failed to justify control efficiency of railcar cleaning CAS.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter F 115.546

Description: Failed to keep records of CAS breakthrough monitoring.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.132(e)(4)(C)(iii)

Description: failed to submit compliance plan with application

Viol. Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter F 115.541

Description: failed to process tank cars with partial vapor pressure of  $\geq 0.5$  psia through properly operating control system

Notice of Intent Date: 05/27/2003 (112481)

No DOV Associated

Notice of Intent Date: 06/13/2003 (251436)

No DOV Associated

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

Disclosure Date: 09/04/2003

Viol. Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.116(a)

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

Notice of Intent Date: 06/19/2003 (397860)

No DOV Associated

Notice of Intent Date: 08/12/2003 (251504)

No DOV Associated

Notice of Intent Date: 09/05/2003 (251740)

No DOV Associated

Notice of Intent Date: 09/05/2003 (251760)

No DOV Associated

Notice of Intent Date: 10/20/2003 (263020)

No DOV Associated

Notice of Intent Date: 10/20/2003 (263024)

No DOV Associated

Notice of Intent Date: 10/20/2003 (263025)

No DOV Associated

Notice of Intent Date: 10/20/2003 (263029)

No DOV Associated

Notice of Intent Date: 10/20/2003 (263033)

Disclosure Date: 12/07/2004

Viol. Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.136(a)(1)

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

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

Notice of Intent Date: 11/20/2003 (449697)

No DOV Associated

Notice of Intent Date: 02/20/2004 (265126)

No DOV Associated

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

Disclosure Date: 10/12/2004

Viol. Classification: Moderate

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

30 TAC Chapter 305, SubChapter F 305.125(5)

Rqmt Prov: PERMIT Compliance b. Operational Requirements 1

PERMIT General b.

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

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

Disclosure Date: 08/26/2004

Viol. Classification: Moderate

Citation: 40 CFR Chapter 261, SubChapter I, PT 261, SubPT A 261.3(b)(2)

30 TAC Chapter 335, SubChapter A 335.1(59)

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

Viol. Classification: Moderate

Citation: 40 CFR Chapter 262, SubChapter I, PT 262, SubPT A 262.11(b)

30 TAC Chapter 335, SubChapter R 335.504

30 TAC Chapter 335, SubChapter R 335.511

30 TAC Chapter 335, SubChapter R 335.513

30 TAC Chapter 335, SubChapter C 335.62

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

Viol. Classification: Moderate

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

Description: Improper disposal of K022 WWTP residual solids at a Class 1 non-hazardous waste landfill.

Viol. Classification: Moderate

Citation: 30 TAC Chapter 305, SubChapter D 305.62

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

Viol. Classification: Moderate

Rqmt Prov: PERMIT 1. General b.

Description: discharge of process water to storm water impoundment basins

Notice of Intent Date: 08/27/2004 (334576)

No DOV Associated

Notice of Intent Date: 10/12/2004 (349555)

No DOV Associated

Notice of Intent Date: 10/28/2004 (263123)

No DOV Associated

Notice of Intent Date: 11/11/2004 (349565)

No DOV Associated

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

Disclosure Date: 06/17/2005

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.320

40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(d)(5)

Description: documentation was not readily available to fully demonstrate that a formal refinery maximum achievable control technology applicability determination (ie >5% HAPS) had been made for equipment in light crude service

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(1)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(3)

Description: one New Source Performance Standard (NSPS) notification for Start of Construction and Start of Operation for the CGHT unit could not be located

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(a)(3)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.590(b)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(a)(4)

Description: documentation was not readily available to fully demonstrate that the process to determine if a project triggered NSPS "Modification" was being completed for NSPS Subpart GGG compliance

Viol. Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.10(b)

30 TAC Chapter 101, SubChapter A 101.10(c)

30 TAC Chapter 101, SubChapter A 101.10(d)  
30 TAC Chapter 101, SubChapter A 101.10(e)  
40 CFR Chapter 372, SubChapter J, PT 372, SubPT B 372.30(a)

Description: emissions from fueling of vehicles in the Deer Park Refinery were not included in emissions inventories as required

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.100  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.10(d)(5)  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.6(e)(3)(i)

Description: documentation was not readily available to demonstrate the development of a formal startup, shutdown, and malfunction plan (SSMP), and to document that when appropriate, a semi-annual report was submitted

Viol. Classification: Minor

Citation: 30 TAC Chapter 113, SubChapter C 113.320  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.640(i)(3)  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.654(f)(1)(ii)

Description: documentation was not readily available to fully demonstrate the group 1 or group 2 applicability determination for miscellaneous process vents

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.110  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(4)(i)  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(6)

Description: although monthly monitoring of cooling water return to the HON SWT was conducted and no leaks were detected, it is unclear whether there was complete compliance with HON requirements

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(a)(1)(i)(A)  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(h)

Description: annual LDAR instrument monitoring of CPI and IGF benzene wastewater equipment had not been performed as required by benzene waste NESHAP regulations

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(a)(1)(i)(A)  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347(b)

Description: periodic visual inspection of the CPI and IGF benzene wastewater equipment to ensure access hatches and other openings are properly closed and gasketed had not been performed as required by the benzene waste NESHAP regulations

Notice of Intent Date: 01/06/2005 (349868)

No DOV Associated

Notice of Intent Date: 01/05/2005 (371573)

No DOV Associated

Notice of Intent Date: 01/27/2005 (350720)

No DOV Associated

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

Disclosure Date: 03/23/2005

Viol. Classification: Moderate

Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(b)  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(c)  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.105(d)

Description: failed to meet requirements for maintenance/start-up/shutdown related activities

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.110

Description: incorporation by reference of 40 CFR 63 Subpart F (SOCMI MACT standard)

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.120

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

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

Disclosure Date: 07/06/2005

Viol. Classification: Moderate

Citation: 40 CFR Chapter 262, SubChapter I, PT 262, SubPT C 262.34  
30 TAC Chapter 335, SubChapter C 335.69

Description: Equipment associated with a decommissioned cumene unit in the Phenol Acetone Production Areas was not properly decontaminated when shut down in 2001. Process vessels, pumps, exchangers, and piping

contain material that meets the definition of a characteristically hazardous waste (D002, D018).

Notice of Intent Date: 03/02/2005 (375030)

No DOV Associated

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

Disclosure Date: 07/14/2005

Viol. Classification: Minor

Rqmt Prov: PERMIT Air New Source Permit No. 9334 SC 10.D

Description: no notification 30 days in advance of 11/04 seal gap measurement for Aromatics EFR tank G-359

Viol. Classification: Minor

Rqmt Prov: PERMIT Air New Source Permits

Description: no notification 30 days in advance of refilling of Solvents IFR tank T140B, Phenol Acetone IFR tank D391, Solvents IFR tank F337

Viol. Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.120

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

Rqmt Prov: PERMIT Permit 9334 Special Condition 10D

Description: no 10 yr internal seal inspection of Aromatics IFR tank F-361

Notice of Intent Date: 04/15/2005 (380864)

No DOV Associated

Notice of Intent Date: 05/18/2005 (396476)

No DOV Associated

Notice of Intent Date: 08/22/2005 (434090)

No DOV Associated

Notice of Intent Date: 08/22/2005 (434095)

No DOV Associated

Notice of Intent Date: 11/04/2005 (438422)

No DOV Associated

Notice of Intent Date: 12/02/2005 (451075)

No DOV Associated

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

No DOV Associated

Notice of Intent Date: 01/05/2006 (452952)

No DOV Associated

Notice of Intent Date: 05/22/2006 (454159)

No DOV Associated

Notice of Intent Date: 04/18/2007 (562595)

No DOV Associated

Notice of Intent Date: 08/03/2007 (593493)

No DOV Associated

Notice of Intent Date: 08/24/2007 (594238)

No DOV Associated

Notice of Intent Date: 09/24/2007 (596731)

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

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

No DOV Associated

Notice of Intent Date: 04/08/2008 (654698)

No DOV Associated

Notice of Intent Date: 04/18/2008 (654683)

No DOV Associated

G. Type of environmental management systems (EMSs).

N/A

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

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

J. Early compliance.

N/A

Sites Outside of Texas

N/A



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

**AGREED ORDER**  
**DOCKET NO. 2008-0635-AIR-E**

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

The Respondents understand that they have certain procedural rights at certain points in the enforcement process, including, but not limited to, the right to formal notice of violations, notice of an evidentiary hearing, the right to an evidentiary hearing, and a right to appeal. By entering into this Agreed Order, the Respondents agree to waive all notice and procedural rights.

It is further understood and agreed that this Order represents the complete and fully-integrated settlement of the parties. The provisions of this Agreed Order are deemed severable and, if a court of competent jurisdiction or other appropriate authority deems any provision of this Agreed Order unenforceable, the remaining provisions shall be valid and enforceable. The duties and responsibilities imposed by this Agreed Order are binding upon the Respondents.

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



## I. FINDINGS OF FACT

1. Shell Oil Company operates a petroleum refinery and Shell Chemical LP operates a chemical manufacturing plant at 5900 Highway 225 East in Deer Park, Harris County, Texas (the "Plants").
2. The Plants consist of one or more sources as defined in TEX. HEALTH & SAFETY CODE § 382.003(12).
3. During an investigation conducted on February 26, 2008, TCEQ staff documented that Shell Oil Company failed to prevent the failure of the level controller on the high pressure separator on December 16, 2007 resulting in the unauthorized release from the East Property Flare of 5,229.88 pounds ("lbs") of volatile organic compounds ("VOC"), 2,046.90 lbs of carbon monoxide ("CO"), 505.10 lbs of hydrogen sulfide ("H<sub>2</sub>S"), 283.4 lbs of nitrogen oxide ("NO<sub>x</sub>"), 26.80 lbs of particulate matter ("PM"), and 36,122.10 lbs of sulfur dioxide ("SO<sub>2</sub>") during an event lasting 16 hours and 30 minutes. The flare is permitted under a flexible permit, New Source Review Permit ("NSRP") No. 21262/PSD-TX-928, which does not authorize any emissions from the flare during an emissions event. Because these emissions could have been foreseen and avoided by good design and/or maintenance practices, the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 could not be met.
4. During an investigation conducted on February 26, 2008, TCEQ staff documented that Shell Oil Company failed to provide information within 14 days of the Additional Information Request dated February 11, 2008. Specifically the additional information was due on February 25, 2008; however, it was not submitted until February 26, 2008.
5. During an investigation conducted on February 6 and 7, 2008, TCEQ staff documented that Shell Chemical LP failed to maintain the VOC maximum allowable emission rate ("MAER") of 0.52 lbs per hour at Vent V118 for six hours between April 2, 2007 to August 30, 2007. Specifically on April 2, May 24, May 25, May 26, June 9, and August 30, 2007 the MAER was exceeded for one hour on each day resulting in total excess emissions of 21.14 lbs for the whole time period.
6. During an investigation on April 24, 2008, TCEQ staff documented that Shell Oil Company failed to prevent an electrical failure on February 4, 2008 which led to the malfunction of the wet gas compressor and the unauthorized release from the Coker Flare of 1,024.58 lbs of VOC, 1,037.83 lbs of CO, 376.98 lbs of H<sub>2</sub>S, 143.69 lbs of NO<sub>x</sub>, 16.55 lbs of PM, and 35,397.4 lbs of SO<sub>2</sub> during an event lasting two hours and 21 minutes. The flare is permitted under a flexible permit, NSRP No. 21262/PSD-TX-928, which does not authorize any emissions from the flare during an emissions event. Because the cause of the electrical failure could not be determined, the demonstrations for an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 could not be met.
7. The Respondents received notices of the violations on March 25, April 14, and May 7, 2008.
8. The Executive Director recognizes that the Respondents have implemented the following corrective measures at the Plants:



- a. On December 21, 2007, Shell Oil Company added high and low alarms to level indicator LI127B as a temporary measure until detailed review of alarm strategy could be completed;
- b. On December 27, 2007, Shell Oil Company installed steam tracing on the high pressure taps at liquid level controller L127A;
- c. By February 6, 2008, to prevent emission exceedances at Vent V118, Shell Chemical LP implemented real-time tracking, reset the controller limits, and installed new limit switches;
- d. On February 4, 2008, Shell Oil Company reviewed the winterization of critical instrumentation on the Hydro Desulfurization Unit 2 separator system;
- e. On February 26, 2008, Shell Oil Company submitted information for the Additional Information Request dated February 11, 2008;
- f. On April 9, 2008, Shell Oil Company designed and implemented process computer interface data input screens; and
- g. On April 29, 2008, Shell Oil Company reviewed the alarm strategy for the high pressure, low temperature separators and debutanizer for earlier indication of instrument failure.

## II. CONCLUSIONS OF LAW

1. The Respondents are subject to the jurisdiction of the TCEQ pursuant to TEX. HEALTH & SAFETY CODE ch. 382 and TEX. WATER CODE ch. 7 and the rules of the Commission.
2. As evidenced by Findings of Fact No. 3, Shell Oil Company failed to prevent unauthorized emissions from the East Property Flare on December 16, 2007, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3), 116.715(a) and (c)(7), NSRP No. 21262/PSD-TX-928, Special Condition ("SC") 1, and TEX. HEALTH & SAFETY CODE § 382.085(b).
3. As evidenced by Findings of Fact No. 4, Shell Oil Company failed to provide information within 14 days of the Additional Information Request dated February 11, 2008, in violation of 30 TEX. ADMIN. CODE § 101.201(f) and TEX. HEALTH & SAFETY CODE § 382.085(b).
4. As evidenced by Findings of Fact No. 5, Shell Chemical LP failed to maintain the VOC MAER of 0.52 lbs per hour at Vent V118 for six hours from April 2, 2007 to August 30, 2007, in violation of 30 TEX. ADMIN. CODE §§ 116.115(c), 122.143(4), NSRP No. 3173, SC 1, Federal Operating Permit No. O-01948, Special Terms and Conditions 13.A., and TEX. HEALTH & SAFETY CODE § 382.085(b).



5. As evidenced by Findings of Fact No. 6, Shell Oil Company failed to prevent unauthorized emissions from the Coker Flare on February 4, 2008, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3), 116.715(a) and (c)(7), NSRP No. 21262/PSD-TX-928, SC 1, and TEX. HEALTH & SAFETY CODE § 382.085(b).
6. Pursuant to TEX. WATER CODE § 7.051, the Commission has the authority to assess an administrative penalty against the Respondents for violations of the Texas Water Code and the Texas Health and Safety Code within the Commission's jurisdiction; for violations of rules adopted under such statutes; or for violations of orders or permits issued under such statutes.
7. An administrative penalty in the amount of Forty-Three Thousand Nine Hundred Seventy Dollars (\$43,970) is justified by the facts recited in this Agreed Order, and considered in light of the factors set forth in TEX. WATER CODE § 7.053. The Respondents have paid Twenty-One Thousand Nine Hundred Eighty-Five Dollars (\$21,985) of the administrative penalty, and Twenty-One Thousand Nine Hundred Eighty-Five Dollars (\$21,985) shall be conditionally offset by the Respondents' completion of a Supplemental Environmental Project.

### III. ORDERING PROVISIONS

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

1. The Respondents are assessed an administrative penalty in the amount of Forty-Three Thousand Nine Hundred Seventy Dollars (\$43,970) as set forth in Section II, Paragraph 7 above, for violations of TCEQ rules and state statutes. The payment of this administrative penalty and the Respondents' compliance with all the terms and conditions set forth in this Agreed Order completely resolve the violations set forth by this Agreed Order in this action. However, the Commission shall not be constrained in any manner from requiring corrective actions or penalties for other violations that are not raised here. Administrative penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: Shell Oil Company and Shell Chemical LP, Docket No. 2008-0635-AIR-E" to:

Financial Administration Division, Revenues Section  
Attention: Cashier's Office, MC 214  
Texas Commission on Environmental Quality  
P.O. Box 13088  
Austin, Texas 78711-3088
2. The Respondents shall implement and complete a Supplemental Environmental Project ("SEP") in accordance with TEX. WATER CODE § 7.067. As set forth in Section II, Paragraph 7, Twenty-One Thousand Nine Hundred Eighty-Five Dollars (\$21,985) 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. Shell Oil Company shall undertake the following technical requirements:

- a. By September 30, 2009, implement improvements to designs, operations, and/or maintenance practices that address the causes leading to the February 4, 2008 emissions event and are designed to prevent recurrence of same or similar incidents; and
- b. Within 30 days of completing Ordering Provision No. 3.a., 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. The Executive Director may refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings without notice to the Respondents if the Executive Director determines that the Respondents have not complied with one or more of the terms or conditions in this Agreed Order.
  8. 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.
  9. 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.
  10. 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.
  11. The Chief Clerk shall provide a copy of this Agreed Order to each of the parties. By law, the effective date of this Agreed Order is the third day after the mailing date, as provided by 30 TEX. ADMIN. CODE § 70.10(b) and TEX. GOV'T CODE § 2001.142.



## SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

\_\_\_\_\_  
For the Commission

*John S. Sullivan*  
For the Executive Director

Date 9/26/2008

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

I understand that by entering into this Agreed Order, Shell Oil Company and Shell Chemical LP waive certain procedural rights, including, but not limited to, the right to formal notice of violations addressed by this Agreed Order, notice of an evidentiary hearing, the right to an evidentiary hearing, and the right to appeal. I agree to the terms of the Agreed Order in lieu of an evidentiary hearing. This Agreed Order constitutes full and final adjudication by the Commission of the violations set forth in this Agreed Order.

I also understand that failure to comply with the Ordering Provisions, if any, in this order and/or failure to timely pay the penalty amount, may result in:

- A negative impact on compliance history;
- Greater scrutiny of any permit applications submitted;
- Referral of this case to the Attorney General's Office for contempt, injunctive relief, additional penalties, and/or attorney fees, or to a collection agency;
- Increased penalties in any future enforcement actions;
- Automatic referral to the Attorney General's Office of any future enforcement actions; and
- TCEQ seeking other relief as authorized by law.

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

*Aamir Farid*  
Signature

JULY 21 2008  
Date

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

GENERAL MANAGER  
Title

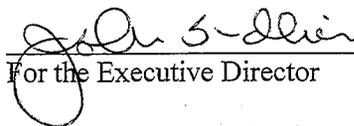
**Instructions:** Send the original, signed Agreed Order with penalty payment to the Financial Administration Division, Revenues Section at the address in Section IV, Paragraph 1 of this Agreed Order.



## SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

\_\_\_\_\_  
For the Commission

  
\_\_\_\_\_  
For the Executive Director

Date 10/15/2008

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

I understand that by entering into this Agreed Order, Shell Oil Company and Shell Chemical LP waive certain procedural rights, including, but not limited to, the right to formal notice of violations addressed by this Agreed Order, notice of an evidentiary hearing, the right to an evidentiary hearing, and the right to appeal. I agree to the terms of the Agreed Order in lieu of an evidentiary hearing. This Agreed Order constitutes full and final adjudication by the Commission of the violations set forth in this Agreed Order.

I also understand that failure to comply with the Ordering Provisions, if any, in this order and/or failure to timely pay the penalty amount, may result in:

- A negative impact on compliance history;
- Greater scrutiny of any permit applications submitted;
- Referral of this case to the Attorney General's Office for contempt, injunctive relief, additional penalties, and/or attorney fees, or to a collection agency;
- Increased penalties in any future enforcement actions;
- Automatic referral to the Attorney General's Office of any future enforcement actions; and
- TCEQ seeking other relief as authorized by law.

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

  
\_\_\_\_\_  
Signature

July 21 2008  
\_\_\_\_\_  
Date

AMIR FARID  
\_\_\_\_\_  
Name (Printed or typed)  
Authorized Representative of  
Shell Chemical LP

GENERAL MANAGER  
\_\_\_\_\_  
Title

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



Attachment A

Docket Number: 2008-0635-AIR-E

**SUPPLEMENTAL ENVIRONMENTAL PROJECT**

**Respondent:** Shell Oil Company and Shell Chemical LP

**Payable Penalty Amount:** Forty-Three Thousand Nine Hundred Seventy Dollars  
(\$43,970)

**SEP Amount:** Twenty-One Thousand Nine Hundred Eighty-Five Dollars  
(\$21,985)

**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.

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Shell Oil Company and Shell Chemical LP  
Agreed Order B Attachment A

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 ATexas 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.

