

**EXECUTIVE SUMMARY - ENFORCEMENT MATTER**  
**DOCKET NO.:** 2010-0328-AIR-E **TCEQ ID:** RN100210319 **CASE NO.:** 39245  
**RESPONDENT NAME:** Equistar Chemicals, LP

<b>ORDER TYPE:</b>		
<input checked="" type="checkbox"/> 166o AGREED ORDER	<input 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

**SITE WHERE VIOLATION(S) OCCURRED:** Equistar Chemicals La Porte Complex, 1515 Miller Cut Off Road, La Porte, Harris County

**TYPE OF OPERATION:** Polymer manufacturing plant

**SMALL BUSINESS:**  Yes  No

**OTHER SIGNIFICANT MATTERS:** There are no complaints. There is one additional pending enforcement action regarding this facility location, Docket No. 2010-0591-AIR-E.

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

**COMMENTS RECEIVED:** The *Texas Register* comment period expired on September 27, 2010. No comments were received.

**CONTACTS AND MAILING LIST:**

**TCEQ Attorney/SEP Coordinator:** None

**TCEQ Enforcement Coordinator:** Mr. Kirk Schoppe, Enforcement Division, Enforcement Team 4, MC 149, (512) 239-0489; Ms. Laurie Eaves, Enforcement Division, MC 219, (512) 239-4495

**Respondent:** Mr. Keith Zucha, Environmental Engineer, Equistar Chemicals, LP, 1515 Miller Cut Off Road, La Porte, Texas 77571

Ms. Courtney Ruth, Site Manager, Equistar Chemicals, LP, 1515 Miller Cut Off Road, La Porte, Texas 77571

**Respondent's Attorney:** Not represented by counsel on this enforcement matter

**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> December 15, 2009</p> <p><b>Date of NOV/NOE Relating to this Case:</b> February 24, 2010 (NOE)</p> <p><b>Background Facts:</b> This was a routine investigation.</p> <p><b>AIR</b></p> <p>Failed prevent unauthorized emissions during Incident No. 132744. Specifically, beginning December 2, 2009, rapid header pressure changes in the Process Gas Compressor resulted in the unauthorized release of 870.9 pounds ("lbs") of volatile organic compounds, 456.1 lbs of carbon monoxide, and 45.4 lbs of nitrogen oxides from the Acetylene Recovery Unit Flare [Emission Point Number ("EPN") QE3050B] and the Elevated Flare (EPN QE8050B), over a period of 8.5 hours. Since the emissions event could have been avoided through better operational practices, the demonstrations in 30 TEX. ADMIN. CODE § 101.222 necessary to present an affirmative defense were not met [New Source Review Air Permit No. 18978/PSD-TX-752M3, Special Condition 1, 30 TEX. ADMIN. CODE §§ 101.20(3) and 116.115(c), and TEX. HEALTH &amp; SAFETY CODE § 382.085(b)].</p>	<p><b>Total Assessed:</b> \$10,000</p> <p><b>Total Deferred:</b> \$2,000  <input checked="" type="checkbox"/> Expedited Settlement  <input type="checkbox"/> Financial Inability to Pay</p> <p><b>SEP Conditional Offset:</b> \$0</p> <p><b>Total Paid (Due) to General Revenue:</b> \$0</p> <p>(As part of bankruptcy settlement)</p> <p><b>Person Compliance History Classification</b>  <input type="checkbox"/> High <input checked="" type="checkbox"/> Average <input type="checkbox"/> Poor</p> <p><b>Site 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>Corrective Actions Taken:</b></p> <p>The Executive Director recognizes that the Respondent has completed the following corrective actions at the Plant:</p> <p>a. By March 12, 2010, removed the 15 second delay from the low alarm on the safety interlock system; and</p> <p>b. By March 31, 2010, reviewed oil pump swapping procedures with all operating technicians, emphasizing the criticality of maintaining a steady pump discharge pressure.</p> <p><b>Ordering Provisions:</b></p> <p>The Order will require the Respondent to:</p> <p>a. Within 180 days after the effective date of this Agreed Order, complete the installation of the local electronic header pressure indicator, that together with the corrective actions completed by March 12 and 31, 2010, are designed to prevent the improper tripping of the compressor involved in the emissions event that began on December 2, 2009; and</p> <p>b. Within 195 days after the effective date of this Agreed Order, submit written certification and include detailed supporting documentation including photographs, receipts, and/or other records to demonstrate compliance with Ordering Provision a.</p>

Additional ID No(s): HG0770G



# Penalty Calculation Worksheet (PCW)

Policy Revision 2 (September 2002)

PCW Revision October 30, 2008

**TCEQ**

<b>DATES</b>	<b>Assigned</b>	1-Mar-2010	<b>Screening</b>	3-Mar-2010	<b>EPA Due</b>	21-Nov-2010
	<b>PCW</b>	5-Apr-2010				

<b>RESPONDENT/FACILITY INFORMATION</b>	
<b>Respondent</b>	Equistar Chemicals, LP
<b>Reg. Ent. Ref. No.</b>	RN100210319
<b>Facility/Site Region</b>	12-Houston
<b>Major/Minor Source</b>	Major

<b>CASE INFORMATION</b>				
<b>Enf./Case ID No.</b>	39245	<b>No. of Violations</b>	1	
<b>Docket No.</b>	2010-0328-AIR-E	<b>Order Type</b>	1660	
<b>Media Program(s)</b>	Air	<b>Government/Non-Profit</b>	No	
<b>Multi-Media</b>		<b>Enf. Coordinator</b>	Terry Murphy	
		<b>EC's Team</b>	Enforcement Team 4	
<b>Admin. Penalty \$ Limit</b>	<b>Minimum</b>	\$0	<b>Maximum</b>	\$10,000

## Penalty Calculation Section

**TOTAL BASE PENALTY (Sum of violation base penalties)** **Subtotal 1** **\$2,500**

### ADJUSTMENTS (+/-) TO SUBTOTAL 1

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

**Compliance History** 375.0% Enhancement **Subtotals 2, 3, & 7** **\$9,375**

**Notes**  
The penalty was enhanced due to 26 same or similar NOVs, 20 dissimilar NOVs, three 1660-style agreed orders, four findings agreed orders, and two court orders with denial of liability. The penalty was reduced due to nine NOIs and three DOVs.

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

**Notes**  
The Respondent does not meet the culpability criteria.

**Good Faith Effort to Comply Total Adjustments** **Subtotal 5** **\$0**

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

Total EB Amounts \$293  
Approx. Cost of Compliance \$5,000  
\*Capped at the Total EB \$ Amount

**SUM OF SUBTOTALS 1-7** **Final Subtotal** **\$11,875**

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

Reduces or enhances the Final Subtotal by the indicated percentage.

**Notes**

**Final Penalty Amount** **\$11,875**

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

**DEFERRAL** 20.0% Reduction **Adjustment** **-\$2,000**

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

**Notes**

Deferral offered for expedited settlement.

**PAYABLE PENALTY** **\$8,000**

Screening Date 3-Mar-2010

Docket No. 2010-0328-AIR-E

PCW

Respondent Equistar Chemicals, LP

Policy Revision 2 (September 2002)

Case ID No. 39245

PCW Revision October 30, 2008

Reg. Ent. Reference No. RN100210319

Media [Statute] Air

Enf. Coordinator Terry Murphy

### 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)	26	130%
	Other written NOVs	20	40%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	3	60%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	4	100%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	2	60%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	9	-9%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	3	-6%

Please Enter Yes or No

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

Adjustment Percentage (Subtotal 2) 375%

>> Repeat Violator (Subtotal 3)

No

Adjustment Percentage (Subtotal 3) 0%

>> Compliance History Person Classification (Subtotal 7)

Average Performer

Adjustment Percentage (Subtotal 7) 0%

>> Compliance History Summary

Compliance History Notes

The penalty was enhanced due to 26 same or similar NOVs, 20 dissimilar NOVs, three 1660-style agreed orders, four findings agreed orders, and two court orders with denial of liability. The penalty was reduced due to nine NOIs and three DOVs.

Total Adjustment Percentage (Subtotals 2, 3, & 7) 375%

Screening Date 3-Mar-2010

Docket No. 2010-0328-AIR-E

PCW

Respondent Equistar Chemicals, LP

Policy Revision 2 (September 2002)

Case ID No. 39245

PCW Revision October 30, 2008

Reg. Ent. Reference No. RN100210319

Media [Statute] Air

Enf. Coordinator Terry Murphy

Violation Number 1

Rule Cite(s) New Source Review Air Permit No. 18978/PSD-TX-752M3, Special Condition 1, 30 Tex. Admin. Code §§ 101.20(3) and 116.115(c), and Tex. Health & Safety Code § 382.085(b)

Violation Description

Failed to prevent unauthorized emissions during Incident No. 132744. Specifically, beginning December 2, 2009, rapid header pressure changes in the Process Gas Compressor resulted in the unauthorized release of 870.9 pounds ("lbs") of volatile organic compounds, 456.1 lbs of carbon monoxide, and 45.4 lbs of nitrogen oxides from the Acetylene Recovery Unit Flare [Emission Point Number ("EPN") QE3050B] and the Elevated Flare (EPN QE8050B), over a period of 8.5 hours. Since the emissions event could have been avoided through better operational practices, the demonstrations in 30 Tex. Admin. Code § 101.222 necessary to present an affirmative defense were not met.

Base Penalty \$10,000

>> Environmental, Property and Human Health Matrix

Release	Harm			Percent
	Major	Moderate	Minor	
Actual			X	25%
Potential				

>> Programmatic Matrix

Falsification	Major	Moderate	Minor	Percent
				0%

Matrix Notes

Human health or the environment were exposed to insignificant amounts of pollutants not exceeding levels protective of human health or environmental receptors as a result of this violation.

Adjustment \$7,500

\$2,500

Violation Events

Number of Violation Events 1 Number of violation days 1

daily	
weekly	
monthly	
quarterly	X
semiannual	
annual	
single event	

mark only one with an x

Violation Base Penalty \$2,500

One quarterly event is recommended based on the emissions event that began December 2, 2009.

Good Faith Efforts to Comply

0.0% Reduction

\$0

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

Notes

The Respondent does not meet the good faith criteria for this violation.

Violation Subtotal \$2,500

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount \$293

Violation Final Penalty Total \$11,875

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

## Economic Benefit Worksheet

**Respondent** Equistar Chemicals, LP  
**Case ID No.** 39245  
**Reg. Ent. Reference No.** RN100210319  
**Media** Air  
**Violation No.** 1

Percent Interest	Years of Depreciation
5.0	15

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

### Delayed Costs

Equipment	\$3,000	2-Dec-2009	28-Feb-2011	1.24	\$12	\$248	\$261
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling	\$2,000	2-Dec-2009	31-Mar-2010	0.33	\$33	n/a	\$33
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)				0.00	\$0	n/a	\$0

Notes for DELAYED costs

Estimated costs to implement additional training (\$2,000) and equipment modifications (\$3,000) designed to prevent the improper tripping of the compressor. The Date Required is the date the emissions event began, the Final Date for the training is when the training was completed, and the Final Date for the equipment modifications is the estimated date the last of those modifications are expected to be completed.

### Avoided Costs

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

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

Notes for AVOIDED costs

Approx. Cost of Compliance

\$5,000

**TOTAL**

\$293

# Compliance History Report

Customer/Respondent/Owner-Operator: CN600124705 Equistar Chemicals, LP Classification: AVERAGE Rating: 2.91  
 Regulated Entity: RN100210319 EQUISTAR CHEMICALS LA PORTE COMPLEX Classification: AVERAGE Site Rating: 14.77

ID Number(s):	AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0770G
	AIR OPERATING PERMITS	PERMIT	1606
	AIR OPERATING PERMITS	PERMIT	2223
	WASTEWATER	PERMIT	WQ0004013000
	WASTEWATER	PERMIT	TPDES0119792
	WASTEWATER	PERMIT	TX0119792
	PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1012680
	INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID	TXR000025809
	INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)	85436
	AIR NEW SOURCE PERMITS	PERMIT	19109
	AIR NEW SOURCE PERMITS	PERMIT	4477
	AIR NEW SOURCE PERMITS	PERMIT	5226
	AIR NEW SOURCE PERMITS	PERMIT	5836
	AIR NEW SOURCE PERMITS	PERMIT	18978
	AIR NEW SOURCE PERMITS	PERMIT	22043
	AIR NEW SOURCE PERMITS	REGISTRATION	38605
	AIR NEW SOURCE PERMITS	REGISTRATION	40078
	AIR NEW SOURCE PERMITS	REGISTRATION	42401
	AIR NEW SOURCE PERMITS	REGISTRATION	43676
	AIR NEW SOURCE PERMITS	REGISTRATION	45099
	AIR NEW SOURCE PERMITS	REGISTRATION	46127
	AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0770G
	AIR NEW SOURCE PERMITS	AFS NUM	4820100055
	AIR NEW SOURCE PERMITS	EPA ID	PSDTX752
	AIR NEW SOURCE PERMITS	EPA ID	PSDTX818
	AIR NEW SOURCE PERMITS	REGISTRATION	42349
	AIR NEW SOURCE PERMITS	REGISTRATION	70535
	AIR NEW SOURCE PERMITS	PERMIT	49122
	AIR NEW SOURCE PERMITS	REGISTRATION	53934
	AIR NEW SOURCE PERMITS	REGISTRATION	53387
	AIR NEW SOURCE PERMITS	REGISTRATION	74666
	AIR NEW SOURCE PERMITS	REGISTRATION	76465
	AIR NEW SOURCE PERMITS	EPA ID	PSDTX752M3
	AIR NEW SOURCE PERMITS	REGISTRATION	77716
	AIR NEW SOURCE PERMITS	REGISTRATION	77957
	AIR NEW SOURCE PERMITS	REGISTRATION	79239
	AIR NEW SOURCE PERMITS	PERMIT	83822
	AIR NEW SOURCE PERMITS	REGISTRATION	51737
	AIR NEW SOURCE PERMITS	EPA ID	PSDTX752M2
	AIR NEW SOURCE PERMITS	REGISTRATION	86948
	AIR NEW SOURCE PERMITS	REGISTRATION	91251
	AIR NEW SOURCE PERMITS	EPA ID	PSDTX1122
	AIR NEW SOURCE PERMITS	REGISTRATION	83481
	AIR NEW SOURCE PERMITS	EPA ID	N74
	AIR NEW SOURCE PERMITS	REGISTRATION	89879
	AIR NEW SOURCE PERMITS	EPA ID	PSDTX752M1
	AIR NEW SOURCE PERMITS	REGISTRATION	90257
	WATER LICENSING	LICENSE	1012680
	STORMWATER	PERMIT	TXR05N516
	INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50383
	IHW CORRECTIVE ACTION	SOLID WASTE REGISTRATION # (SWR)	50383
	IHW CORRECTIVE ACTION	SOLID WASTE REGISTRATION # (SWR)	85436
	IHW CORRECTIVE ACTION	PERMIT	50383
	AIR EMISSIONS INVENTORY	ACCOUNT NUMBER	HG0770G

Location: 1515 MILLER CUT OFF RD, LA PORTE, TX, 77571  
 TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: March 02, 2010  
Agency Decision Requiring Compliance History: Enforcement  
Compliance Period: March 02, 2005 to March 02, 2010  
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History  
Name: Terry Murphy Phone: (512) 239-5025

### Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes
2. Has there been a (known) change in ownership/operator of the site during the compliance period? No
3. If Yes, who is the current owner/operator? N/A
4. If Yes, who was/were the prior owner(s)/operator(s) ? N/A
5. When did the change(s) in owner or operator occur? N/A
6. Rating Date: 9/1/2009 Repeat Violator: NO

### Components (Multimedia) for the Site :

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

Effective Date: 12/02/2006 ADMINORDER 2006-0295-AIR-E  
Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
Rqmt Prov: No. 18978, Special Condition No. 1 PERMIT  
Description: Equistar failed to maintain an emission rate below the allowable emission limits.

Effective Date: 08/10/2007 ADMINORDER 2006-1232-AIR-E

Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
5C THC Chapter 382, SubChapter D 382.085(b)  
Rqmt Prov: No. 18978, Special Condition No. 1 PERMIT  
Description: Failed to prevent unauthorized emissions.

Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
5C THC Chapter 382, SubChapter D 382.085(b)  
Rqmt Prov: TCEQ Air Permit No. 4477, SC 1 PERMIT  
Description: Failed to prevent unauthorized emissions.

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

Description: Failed to properly notify the TCEQ of emissions events that occurred on December 22, 2003, October 25, 2005 and March 12, 2006.

Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
5C THC Chapter 382, SubChapter D 382.085(b)  
Rqmt Prov: No. 18978, Special Condition. 1 PERMIT  
Description: Failed to prevent unauthorized emissions.

Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
5C THC Chapter 382, SubChapter D 382.085(b)  
Rqmt Prov: no # 4477 SP #1 PERMIT  
Description: Failed to prevent unauthorized emissions.

Effective Date: 08/10/2007 ADMINORDER 2006-1932-AIR-E

Classification: Moderate  
Citation: 30 TAC Chapter 115, SubChapter H 115.722(c)(1)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
Rqmt Prov: TCEQ Permit #4477, Special Condition #1 PA

Description: Failed to prevent unauthorized emissions and meet the highly reactive volatile organic compounds ("HRVOC") hourly cap.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
5C THC Chapter 382, SubChapter D 382.085(b)  
Rqmt Prov: # 18978 Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions.  
Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
5C THC Chapter 382, SubChapter D 382.085(b)  
Rqmt Prov: TCEQ Permit #4477, SC#1 PA  
Description: Failure to prevent unauthorized emissions of ethylene from PSV V4202RV1 to the atmosphere.

Effective Date: 02/25/2008 ADMINORDER 2007-0519-AIR-E

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

Rqmt Prov: Permit #18978 PA  
Special Condition 1 PERMIT

Description: failed to prevent unauthorized emissions

Classification: Moderate

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

Rqmt Prov: Permit #18978, Special Condition 1 PA  
Special condition 1 PERMIT

Description: Failed to prevent unauthorized emissions

Classification: Moderate

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

Rqmt Prov: Permit #4477, Special Condition #1 PA

Description: Failed to prevent unauthorized emissions.

Classification: Moderate

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

Rqmt Prov: Permit #4477, Special Condition #1 PA

Description: Failed to prevent unauthorized emissions.

Effective Date: 04/03/2008 ADMINORDER 2007-0938-AIR-E

Classification: Moderate

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

Rqmt Prov: SC No.1 PERMIT  
TCEQ AIR PERMIT #18978, SC1 PERMIT

Description: Equistar failed to control unauthorized emissions on December 13, 2005.

Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.722(c)(1)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit #4477, Special Condition #1 PA

Description: Failed to control unauthorized emissions on March 4, 2006

Effective Date: 07/03/2008 ADMINORDER 2007-1715-AIR-E

Classification: Moderate

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

Rqmt Prov: Permit #18978, Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions.

Classification: Moderate

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

Rqmt Prov: Permit #18978, Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions.

Classification: Minor

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

Description: Failed to report Incident No. 96455 within 24 hours after discovery.

Effective Date: 10/01/2008 COURTORDER

Classification: Moderate

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

Rqmt Prov: TCEQ Air Permit #4477, SC #1 PA

Description: Equistar exceeded the VOC permit limit during an avoidable emissions event.

Classification: Moderate

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

Description: Failed to prevent unauthorized emissions of 1,016.5 lbs of the HRVOC and HAP ethylene from a hole in a pipe in the AB3 LDPU on October 28, 2003 that lasted 2 hours.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: TCEQ AIR Permit No. 4477 PA

Description: Failed to prevent unauthorized emissions of 6,316 lbs of the HRVOCs and HAPs ethylene and propylene and 354 lbs of particulate matter (PM) from the reactor vents in AB3 LDPU and 80.69 lbs of the HRVOCs and HAPs ethylene and propylene from EPN L3FLARE, in the AB3 LDPU on February 9, 2004 that lasted 2 hours and 17 minut

Classification: Moderate

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

Rqmt Prov: TCEQ Air Permit #18978, SC# 1 PA

Description: Failed to prevent unauthorized emissions of 10,666 lbs of VOCs, which included the HRVOC butene and the HRVOCs and HAPs 1,3-butadiene and ethylene, 17,363 lbs of CO, and 3,184.60 lbs of NOx from EPN QE8050B in the QE1 Olefins Unit on May 28, 2004 that lasted 9 hours.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20  
30 TAC Chapter 116, SubChapter B 116.115(b)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7  
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC No. 5 PERMIT

Description: Failure to monitor 4,041 valves in VOC service using Method 21.

Classification: Moderate

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

Rqmt Prov: 18978 and PSD-TX-752M3 PERMIT

Description: Failure to monitor 3882 valves in VOC service using Method 21.

Classification: Moderate

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

Rqmt Prov: 18978 and PSD-TX-752M3 PERMIT

Description: Failure to monitor 2,476 connectors in VOC service in the olefins unit using 40 Code of Federal Regulations (CFR) part 60, Method 21.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20  
30 TAC Chapter 115, SubChapter D 115.352(4)  
30 TAC Chapter 116, SubChapter B 116.115(b)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
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: 18978 and PSD-TX-752M3 PERMIT

SC No. 5 PERMIT

Description: Failure to cap or plug 48 open ended lines in the olefins unit.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20  
30 TAC Chapter 116, SubChapter B 116.115(b)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3)(ii)  
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: SC No. 5 PERMIT

Description: Failure to maintain the main flare minimum heating value of 300 BTU/scf during the propylene dryer regeneration periods in the olefins unit on sixteen occasions.

Classification: Moderate

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

Rqmt Prov: General Terms and Conditions OP

Description: Failure to report some instances of deviations (CEMS down times, semiannual reporting, regeneration periods, and fugitive monitoring deviations) in the olefins unit in the report dated December 15, 2003.

Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.219(d)(3)  
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to submit the semiannual reports regarding continuous emissions monitoring system (CEMS) down times in the olefins unit for the year 2003.

Classification: Moderate

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

Rqmt Prov: 18978 and PSD-TX-752M3 PERMIT

Description: Failure to maintain the carbon monoxide (CO) emissions from the Pyrolysis Furnace (EPN: QE1009B) in the olefins unit below 0.035 lb/MMBTU for more than 4% of the operating time for two consecutive quarterly reporting periods (Second and Third quarter of 2003).

Classification: Moderate

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

Rqmt Prov: 18978 and PSD-TX-752M3 PERMIT

Description: Failure to maintain the carbon monoxide (CO) emissions from the Pyrolysis Furnaces (EPNs QE1001B through QE1008B) and the Boilers (EPNs QE5802UA and QE5802UB) in the olefins unit below 0.035 lb/MMBTU during the deviation period.

Classification: Moderate

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

Rqmt Prov: 18978 and PSD-TX-752M3 PERMIT

Description: Failure to maintain the carbon monoxide (CO) emissions from the Pyrolysis Furnaces (EPNs QE1001B through QE1009B) and the Boilers (EPNs QE5802UA and QE5802UB) in the olefins unit below the MAERT limit during the deviation period.

Classification: Moderate

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

Rqmt Prov: SC No. 1 PERMIT

Description: Failure to maintain the emissions from the EPN QE3050B within MAERT limit and this could have been avoided by good design, operation and maintenance activities.

Classification: Moderate

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

Rqmt Prov: TCEQ Air Permit #18978, SC #1 PA

Description: Failed to prevent unauthorized emissions of 4,060.1 lbs of VOCs, which included the HRVOC butene and the HRVOCs and HAPs 1,3-butadiene, ethylene, and propylene, 5,486 lbs of CO, and 591 lbs of NOx from EPN QE8050B in the QE1 Ethylene Unit on December 11, 2003 that lasted 27 hours.

Classification: Moderate

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

Description: Failed to prevent unauthorized emissions of 721 lbs of the HRVOCs and HAPs ethylene and propylene and 88 lbs of polymer from the reactor vents (non-permitted EPN L3RXVENTS) in the AB3 Low Density Polyethylene Unit (LDPU), on November 9, 2002 that lasted 25 minutes.

Classification: Moderate

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

Rqmt Prov: TCEQ Air Permit #19109, SC #1 PA

Description: Failed to prevent unauthorized emissions of 1,297 pounds (lbs) of volatile organic compounds (VOCs), which included the Highly Reactive VOCs (HRVOCs) and Hazardous Air Pollutants (HAPs) benzene and ethylene, 636.52 lbs of carbon monoxide (CO), and 122.44 lbs of nitrogen oxide (NOx) from emission point number (EPN) HSFL

Classification: Moderate

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

Description: Failed to prevent unauthorized emissions of 965 lbs of they HRVOCs and HAPs ethylene and vinyl acetate and 72 lbs of PM from the

reactor vents (non-permitted EPN L3RXVENTS) in the AB3 Polyethylene Unit on April 12, 2004 that lasted 5 minutes.

Classification: Moderate

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

Description: Failed to prevent unauthorized emissions of 842 lbs of VOCs, which included the HRVOCs and HAPs ethylene and propylene and 69 lbs of polymer from the reactor vents (non-permitted EPN L3RXVENTS) in the AB3 LDPU on November 6, 2003 that lasted 1 minute.

Classification: Moderate

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

Description: Failed to prevent unauthorized emissions of 842 lbs of VOCs, which included the HRVOCs and HAPs ethylene, propylene, and vinyltrimethoxysilane (VTMOS) and 69 lbs of polymer from the reactor vents (non-permitted EPN L3RXVENTS) in the AB3 LDPU on November 9, 2003 that lasted 1 minute.

Classification: Moderate

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

Rqmt Prov: TCEQ Air Permit #18978, SC#1 PA

Description: Failed to prevent unauthorized emissions of 6,272.9 lbs of VOCs, which included the HRVOCs and HAPs ethylene and propylene, 8,782.70 lbs of CO, and 1,559 lbs of NOx from EPN QE8050B in the QE1 Olefins Unit on June 23, 2004 that lasted 5 hours and 54 minutes.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: TCEQ Air Permit #4477, SC#1 PA

Description: Failed to prevent unauthorized emissions of 952 lbs of VOCs, including 762 lbs of the HRVOCs and HAPs ethylene and vinyl acetate, and 71 lbs of polymer from the reactor vents (non-permitted EPN L3RXVENTS) in the AB3 LDPU and 29.57 lbs of VOCs, which included the HRVOCs and HAPs ethylene and vinyl acetate, from EPN L3FL

Classification: Moderate

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

Rqmt Prov: TCEQ Air Permit #18978, SC#1 PA

Description: Failed to prevent unauthorized emissions of 1,034.71 lbs of VOCs, which included the HRVOC acetylene and the HRVOCs and HAPs ethylene and propylene, 538.99 lbs of CO, and 92.51 lbs of NOx from EPN QE3050B ethylene from the QE1 Olefins on July 4, 2004 that lasted 22 hours and 35 minutes.

Classification: Moderate

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

Description: Failed to prevent unauthorized emissions of 834 lbs of the HRVOCs and HAPs ethylene and propylene and 100 lbs of polymer from reactor vents (non-permitted EPN L3RXVENTS) in the AB3 LDPU on November 24, 2003 that lasted 1 minute.

Classification: Moderate

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

Description: Failed to prevent unauthorized emissions of 834 lbs of the HRVOCs and HAPs ethylene and propylene and 100 lbs of polymer from the reactor vents (non-permitted EPN L3RXVENTS) in the AB3 LDPU on November 29, 2003 that lasted 1 minute.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: TCEQ Air Permit #4477, SC#1 PA

Description: Failed to prevent unauthorized emissions of 840.52 lbs of the HRVOC VTMOS and the HRVOCs and HAPs ethylene and propylene and 69 lbs of PM (which is not authorized as an emission in the permit) from EPN L3FLARE in the AB3 LDPU on February 18, 2004 that lasted 5 minutes.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: TCEQ Air Permit #19109, SC# 1 PA

Description: Failed to prevent unauthorized emissions of 8,949 lbs of HRVOCs which included the HRVOC butene and the HRVOC and HAP ethylene from the emergency vents in the Q1 Polyethylene Unit and 80.96 VOCs, including 57.4 HRVOCs and 47.51 lbs of CO from EPN HSFLARE in the Q1 Polyethylene Unit on February 1, 2004 that lasted 21 ho

Classification: Moderate

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

Description: Failed to prevent unauthorized emissions of 952 lbs of the HRVOCs and HAPs ethylene and vinyl acetate and 71 lbs of polymer from the reactor vents (non-permitted EPN L3RXVENTS) in the AB3 LDPU on January 21, 2003 that lasted .01 minutes.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(1)  
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to prevent unauthorized emissions of 3,504 lbs of the HRVOC and HAP ethylene from a pressure relief valve in the UT ethylene meter station on November 30, 2003 that lasted 6 minutes.

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 report an emissions event with 24 hours of discovery. The emissions event that occurred on July 12, 2004 at 2:00 p.m. was not reported until July 14, 2004 at 1:34 p.m.

Classification: Moderate

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

Rqmt Prov: 4477 Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions of 1,793.87 lbs of the HRVOC and HAP ethylene from EPN L3FUG in the AB3 LDPU on July 12, 2004 that lasted 51 hours and 30 minutes.

Classification: Moderate

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

Rqmt Prov: TCEQ Air Permit #4477 PA

Description: Failed to prevent unauthorized emissions of 1,243 lbs of the HRVOC VTMOs and the HRVOCs and HAPs ethylene and propylene and 102 lbs of PM from the reactor vents (non-permitted EPN L3RXVENTS) in the AB3 LDPU on May 4, 2004 that lasted 5 minutes.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(1)  
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to prevent unauthorized emissions of 8,648 lbs of the highly reactive volatile organic compound (HRVOC) and hazardous air pollutant (HAP) ethylene from a pressure relief valve in the UT ethylene meter station on November 9, 2003 that lasted 8 minutes.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(1)  
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to prevent unauthorized emissions of 533 lbs of the HRVOC and HAP ethylene from a pressure relief valve in the UT ethylene meter station on November 18, 2003 that lasted 1 minute.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(1)  
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to prevent unauthorized emissions of 2,630 pounds (lbs) of volatile organic compounds (VOCs). The release of 2,630 lbs of the highly reactive VOC (HRVOC) ethylene from the Olefins Unit through the Process Fugitives, emission point number (EPN) QEFUG, occurred on November 11, 2004 and lasted 17 hours and 25 minutes.

Classification: Moderate

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

Rqmt Prov: TCEQ Air Permit No. 18978, SC #1 PA

Description: Failed to prevent unauthorized emissions of 7,335.87 pounds (lbs) of volatile organic compounds (VOCs), including 8,326.2 of highly reactive VOCs (HRVOCs), 1.87 hazardous air pollutants (HAPs), and 108.1 HRVOCs and HAPs, 9,822 lbs of carbon monoxide (CO), and 1,492 lbs of nitrogen oxides (NOx).

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)  
30 TAC Chapter 115, SubChapter D 115.354(2)(C)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(a)

Rqmt Prov: 19109, SC 12.F PERMIT  
O-01606, SC 1.A OP

Description: Failure to monitor 209 valves in VOC service in the Q1 Unit using 40 CFR part 60, Method 21.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.8(a)  
40 CFR Chapter 60, SubChapter C, PT 60, SubPT DDD 60.564(a)(1)

Rqmt Prov: 19109, SC 14.C PERMIT  
O-01606, SC 14.C OP

Description: Failure to conduct the performance test for the Q1 incinerator stack as required by the NSR permit 19109, dated January 21, 2004, within 180 days of increasing hourly polymer production to greater than 110% of that maintained during the last satisfactory test.

Classification: Moderate

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

Rqmt Prov: 19109, SC No.9 PERMIT  
O-01606, SC 9.A OP

Description: Failure to control the particulate emissions as required by the permit standards and by passed the particulate emissions from the mixer feed hoppers in the Q1 unit during the certification period.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)  
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-2(d)(5)(ii)

Rqmt Prov: O-01606, SC 1.A OP

Description: Failure to conduct the daily checks of pumps for four days in Q1 Unit.

Classification: Minor

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

Rqmt Prov: O-01606, SC 1.A OP  
Special Condition 12.E. PERMIT

Description: Failure to cap or plug 2 open ended lines in the Q1 Unit.

Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.145(2)(C)

Description: Failure to report particulate matter control deviation and barrier fluid exceedance deviations in the Q1 Unit in the report dated September 24, 2004.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)  
40 CFR Chapter 60, SubChapter C, PT 60, SubPT DDD 60.565(b)

Description: Failure to submit the engineering report describing in detail the vent system used to vent each affected vent stream to a control device after the piping changes in August 2003 in Q1 Unit.

Classification: Moderate

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

Rqmt Prov: TCEQ Air Permit No. 18978, SC#1 PA

Description: Failed to prevent unauthorized emissions of 2,161 pounds of the volatile organic compounds acetylene and ethylene, 2,392 pounds of carbon monoxide, and 428 pounds of nitrogen oxides from emission point number QE8050B in the Olefins Unit during an emissions event that occurred on March 9, 2005 and lasted 1.4333 hours.

Effective Date: 01/28/2010

ADMINORDER 2008-0958-AIR-E

Classification: Moderate

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

Rqmt Prov: Special Condition #1 PERMIT

Description: Failure to prevent failure of the AMOT temperature probe which resulted in unauthorized emissions.

Classification: Moderate

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

Rqmt Prov: Special Condition #1 PERMIT

Description: Failure to prevent a high differential pressure in the Acetylene Absorber that caused acetylene breakthrough in the Absorber and resulted in flaring.

Classification: Moderate

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

Rqmt Prov: Special Condition #1 PERMIT

Description: Failure to prevent failure of the Secondary Compressor's (C4202) thermocouple cable which caused the shut down of the compressor and the reactor vents to open to the atmosphere.

Classification: Moderate

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

Rqmt Prov: Special Condition #1 PERMIT

Description: Failure to prevent unauthorized emissions.

Classification: Minor

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

Description: Failure to provide the additional information requested by the TCEQ within the timeframe established by the request.

Classification: Moderate

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

## 5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition #1 PERMIT

Description: Failure to prevent the shutdown of C-4202 Secondary Compressor which resulted in unauthorized emissions.

See addendum for information regarding federal actions.

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

N/A

## C. Chronic excessive emissions events.

N/A

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

1	03/16/2005	(372522)	89	07/17/2006	(485587)	179	01/25/2008	(613874)
2	03/18/2005	(372086)	90	07/17/2006	(485923)	180	01/25/2008	(614229)
3	03/21/2005	(427694)	91	07/19/2006	(506471)	181	01/28/2008	(598307)
4	03/31/2005	(348992)	92	08/07/2006	(345081)	182	01/29/2008	(609101)
5	04/20/2005	(350846)	93	08/08/2006	(485874)	183	02/08/2008	(612730)
6	04/22/2005	(348993)	94	08/09/2006	(490279)	184	02/13/2008	(612840)
7	04/25/2005	(427695)	95	08/11/2006	(467626)	185	02/19/2008	(677433)
8	04/25/2005	(427698)	96	08/11/2006	(467635)	186	02/28/2008	(618019)
9	04/27/2005	(377666)	97	08/18/2006	(528685)	187	03/10/2008	(616812)
10	05/02/2005	(379023)	98	08/23/2006	(458894)	188	03/19/2008	(677434)
11	05/02/2005	(379025)	99	09/05/2006	(488631)	189	03/31/2008	(636151)
12	05/02/2005	(379027)	100	09/05/2006	(488651)	190	04/01/2008	(616811)
13	05/11/2005	(378796)	101	09/08/2006	(497595)	191	04/03/2008	(619011)
14	05/11/2005	(380586)	102	09/19/2006	(528686)	192	04/06/2008	(637320)
15	05/24/2005	(427696)	103	09/19/2006	(528687)	193	04/07/2008	(639314)
16	06/16/2005	(371763)	104	10/20/2006	(516121)	194	04/07/2008	(641592)
17	06/23/2005	(427697)	105	10/20/2006	(516554)	195	04/10/2008	(677435)
18	07/06/2005	(398300)	106	10/20/2006	(516566)	196	04/10/2008	(677436)
19	07/08/2005	(397159)	107	10/31/2006	(517252)	197	04/22/2008	(638949)
20	07/08/2005	(397164)	108	11/16/2006	(519602)	198	05/01/2008	(638959)
21	07/08/2005	(397169)	109	11/17/2006	(516921)	199	05/07/2008	(638961)
22	07/29/2005	(400016)	110	11/20/2006	(514502)	200	05/09/2008	(638778)
23	07/29/2005	(402225)	111	11/20/2006	(551952)	201	05/16/2008	(641203)
24	08/03/2005	(402565)	112	12/11/2006	(531680)	202	05/19/2008	(671026)
25	08/08/2005	(404125)	113	12/13/2006	(533373)	203	05/20/2008	(696168)
26	08/09/2005	(402106)	114	12/18/2006	(517871)	204	05/28/2008	(638962)
27	08/10/2005	(404030)	115	12/20/2006	(551953)	205	06/16/2008	(646366)
28	08/19/2005	(404431)	116	01/19/2007	(531635)	206	06/19/2008	(646368)
29	08/23/2005	(404501)	117	01/19/2007	(551954)	207	06/20/2008	(696169)
30	08/23/2005	(447751)	118	01/26/2007	(535998)	208	07/03/2008	(653609)
31	08/24/2005	(392722)	119	02/05/2007	(531641)	209	07/11/2008	(653610)
32	08/24/2005	(405380)	120	02/16/2007	(532610)	210	07/14/2008	(638964)
33	08/25/2005	(405740)	121	02/20/2007	(536017)	211	07/14/2008	(653719)
34	08/30/2005	(404242)	122	02/20/2007	(551951)	212	07/31/2008	(686092)
35	09/14/2005	(431715)	123	02/26/2007	(532609)	213	07/31/2008	(686093)
36	09/21/2005	(431539)	124	03/05/2007	(542456)	214	08/18/2008	(688789)
37	09/23/2005	(447752)	125	03/20/2007	(532775)	215	08/19/2008	(717807)
38	10/26/2005	(492906)	126	03/20/2007	(536006)	216	08/20/2008	(688715)
39	10/26/2005	(492909)	127	03/20/2007	(589296)	217	08/28/2008	(610625)
40	11/21/2005	(433841)	128	04/05/2007	(542368)	218	09/04/2008	(689451)
41	11/21/2005	(435080)	129	04/05/2007	(542369)	219	09/20/2008	(717808)
42	11/28/2005	(492907)	130	04/05/2007	(542370)	220	10/16/2008	(717810)
43	12/21/2005	(492908)	131	04/12/2007	(532611)	221	10/20/2008	(717809)
44	01/20/2006	(439064)	132	04/12/2007	(554892)	222	10/28/2008	(686185)
45	01/20/2006	(439066)	133	04/19/2007	(589297)	223	11/12/2008	(733136)
46	01/26/2006	(431992)	134	05/11/2007	(462772)	224	12/04/2008	(688113)
47	02/02/2006	(439295)	135	05/14/2007	(534972)	225	12/04/2008	(700715)
48	02/02/2006	(439522)	136	05/15/2007	(558701)	226	12/16/2008	(756297)
49	02/02/2006	(439633)	137	05/17/2007	(589298)	227	01/15/2009	(709042)
50	02/15/2006	(439561)	138	05/31/2007	(561392)	228	02/17/2009	(756293)
51	02/21/2006	(453963)	139	06/01/2007	(554895)	229	02/20/2009	(709495)
52	02/22/2006	(432284)	140	06/20/2007	(589299)	230	02/25/2009	(721083)

53	02/22/2006	(492904)	141	07/09/2007	(532634)	231	02/25/2009	(721084)
54	02/23/2006	(455883)	142	07/10/2007	(565209)	232	02/25/2009	(735621)
55	02/24/2006	(451235)	143	07/12/2007	(558881)	233	03/05/2009	(721082)
56	02/25/2006	(456913)	144	07/13/2007	(559650)	234	03/18/2009	(756294)
57	02/28/2006	(456463)	145	07/18/2007	(565509)	235	03/30/2009	(756295)
58	02/28/2006	(457026)	146	07/19/2007	(589300)	236	03/30/2009	(756296)
59	02/28/2006	(457167)	147	07/25/2007	(563252)	237	05/05/2009	(739945)
60	03/08/2006	(454488)	148	08/20/2007	(605806)	238	05/18/2009	(741225)
61	03/13/2006	(458226)	149	08/28/2007	(570434)	239	05/19/2009	(773263)
62	03/16/2006	(454029)	150	09/06/2007	(605807)	240	06/08/2009	(739477)
63	03/16/2006	(454588)	151	09/07/2007	(571530)	241	06/10/2009	(773264)
64	03/16/2006	(454636)	152	09/20/2007	(605809)	242	06/16/2009	(743921)
65	03/16/2006	(455964)	153	09/28/2007	(594920)	243	06/18/2009	(749634)
66	03/23/2006	(492905)	154	10/09/2007	(571528)	244	06/29/2009	(721079)
67	04/19/2006	(462735)	155	10/09/2007	(594695)	245	08/06/2009	(764956)
68	04/24/2006	(506468)	156	10/11/2007	(594693)	246	08/10/2009	(764924)
69	04/26/2006	(455073)	157	10/15/2007	(594690)	247	08/20/2009	(741169)
70	05/25/2006	(463280)	158	10/15/2007	(594692)	248	08/24/2009	(759202)
71	05/25/2006	(506469)	159	10/15/2007	(594694)	249	08/28/2009	(721238)
72	05/26/2006	(467363)	160	10/19/2007	(605808)	250	09/16/2009	(764661)
73	05/26/2006	(467375)	161	11/15/2007	(594689)	251	09/17/2009	(761496)
74	05/26/2006	(467379)	162	11/16/2007	(597973)	252	10/12/2009	(763103)
75	05/26/2006	(467382)	163	11/20/2007	(631964)	253	10/14/2009	(766458)
76	05/26/2006	(467391)	164	11/27/2007	(570521)	254	10/15/2009	(767716)
77	05/26/2006	(467396)	165	12/10/2007	(610695)	255	11/02/2009	(780297)
78	05/31/2006	(466933)	166	12/11/2007	(610682)	256	11/24/2009	(764738)
79	06/21/2006	(462913)	167	12/12/2007	(598310)	257	12/03/2009	(781013)
80	06/21/2006	(481795)	168	12/12/2007	(609039)	258	12/04/2009	(775737)
81	06/22/2006	(483443)	169	12/20/2007	(612437)	259	12/04/2009	(776799)
82	06/26/2006	(506470)	170	12/20/2007	(631965)	260	12/10/2009	(779534)
83	06/27/2006	(455404)	171	01/14/2008	(613552)	261	12/16/2009	(781594)
84	06/27/2006	(455405)	172	01/15/2008	(614252)	262	12/17/2009	(785982)
85	06/29/2006	(484570)	173	01/17/2008	(610699)	263	12/22/2009	(765553)
86	06/30/2006	(483762)	174	01/24/2008	(610674)	264	01/12/2010	(787343)
87	07/11/2006	(484826)	175	01/25/2008	(613512)	265	02/24/2010	(787415)
88	07/14/2006	(486946)	176	01/25/2008	(613541)	266	02/25/2010	(787910)
			177	01/25/2008	(613555)	267	02/26/2010	(792379)
			178	01/25/2008	(613857)			

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

Date: 03/16/2005 (372522) CN600124705  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
5C THC Chapter 382, SubChapter A 382.085(b)  
TCEQ Air Permit #18978, SC#1 PA  
Description: Lyondell/Equistar Chemicals, LP failed to open a 12" block valve required for F9 feed in prior to placing DMS in the furnace leading to the temporary poisoning of the MA/PD reactor.

Date: 03/31/2005 (427695) CN600124705  
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: 03/31/2005 (348992) CN600124705  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 115, SubChapter E 115.421(a)(9)(A)(ii)  
Description: Failed to limit the VOC emissions from surface coating facility activities in three days during certification period in the XL unit/common areas.

Date: 04/22/2005 (348993) CN600124705  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.116(a)(1)  
Description: Failure to represent the emissions properly in the Permit Amendment Application dated September 17, 1999.  
Self Report? NO Classification: Minor  
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(a)

Description: Failure to monitor 11 valves in VOC service in the ABIII Units using 40 CFR part 60, Method 21  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(2)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-2(d)(6)

Description: Failure to repair the pumps in VOC service in the ABIII Units within 15 days and also make the first attempt of repair within five days  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 No. 4477, S.C. No.2 PERMIT  
 O-02225, S.C. 11.A OP

Description: Failure to limit the production rates below the 31,300 lb/hr for five days during certification period in the ABIII Units.  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)  
 No. 4477, S.C. No. 11.E PERMIT  
 O-02225, S.C. No. 11.A OP

Description: Failure to cap or plug 38 open ended lines in the ABIII units.  
 Self Report? NO Classification: Minor  
 Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.487(c)(4)

Description: Failure to include the total number of valves and pumps to the fugitive monitoring program (revisions) in the semiannual report for the period ending June 30, 2004.  
 Date: 05/03/2005 (379025) CN600124705  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 Permit#18978, SC #10A PA

Description: The CEMS were not operated in the time shared mode as required. During the RATA, the CEMS were operated in a dedicated or locked mode for the tests. The CEMS were locked on one furnace for the nine-21 minute runs.  
 Date 05/03/2005 (379027) CN600124705  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 Permit#18978, SC - 10A PA

Description: The CEMS were not operated in the time shared mode as required and were not certified. During the RATA, the CEMS were operated in a dedicated or locked mode for the tests. The CEMS were locked on one furnace for the nine-21 minute runs.  
 Date 05/03/2005 (379023) CN600124705  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 Permit Nos. 18978, SC No. 10A PA

Description: The CEMS were not operated in the time shared mode as required and were not certified. During the RATA, the CEMS were operated in a dedicated or locked mode for the tests.  
 Date 05/31/2005 (427697) CN600124705  
 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 07/06/2005 (398300) CN600124705  
 Self Report? NO Classification: Minor  
 Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(2)

Description: Failure to completely seal the plug on the open ended lines.  
 Date 07/29/2005 (402225) CN600124705  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 115, SubChapter D 115.354(2)(C)  
 O-02224, SC 1.A OP

Description: Failure to monitor 24 valves in Volatile Organic Compound (VOC) service using Method 21.  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 122, SubChapter B 122.145(2)(C)

Description: Failure to report three instances of deviations (non reportable emissions events that occurred on January 22, January 26 and April 19, 2004) in the report dated June 21, 2004. The regulated entity submitted these deviations on September 30, 2004.  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 O-02224, SC1.A OP

Description: Failure to cap or plug three open ended lines and two valves at the end of the line in the utilities unit.  
 Date 08/08/2005 (404125) CN600124705

Self Report?	NO	Classification:	Moderate
Citation:	18978 & PSD-TX-752M3, SC 13.F PERMIT 30 TAC Chapter 101, SubChapter A 101.20(1) 30 TAC Chapter 115, SubChapter D 115.354(2)(C) 30 TAC Chapter 116, SubChapter B 116.115(c) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(a)		
Description:	Failure to monitor 31 valves in VOC service in the olefins unit using 40 CFR part 60, Method 21 within 30 days of addition to the HRVOC Service.		
Self Report?	NO	Classification:	Moderate
Citation:	30 TAC Chapter 116, SubChapter B 116.116(a)(1)		
Description:	Failure to represent emissions from the Propylene Refrigeration Compressor, the Process Gas Compressor, and the Ethylene Refrigeration Compressor sour oil vents from olefins unit in the NSR Permit Application dated October 13, 2003.		
Self Report?	NO	Classification:	Moderate
Citation:	18978 & PSD-TX-752M3 SC NO.13E PERMIT 30 TAC Chapter 115, SubChapter D 115.352(4) 30 TAC Chapter 116, SubChapter B 116.115(c)		
Description:	Failure to cap or plug 64 open ended lines in the olefins unit.		
Self Report?	NO	Classification:	Moderate
Citation:	30 TAC Chapter 122, SubChapter B 122.145(2)(C)		
Description:	Failure to report some instances of deviations in the olefins unit in the report dated July 21, 2004. The regulated entity submitted these deviations on October 1, 2004.		
Self Report?	NO	Classification:	Minor
Citation:	18978 & PSD-TX-752M3, SC 16E PERMIT 30 TAC Chapter 116, SubChapter B 116.115(c)		
Description:	Failure to include the details regarding the CEMS down times (date, time, and nature of the system repairs) in the quarterly reports when CEMS down time exceeded more than 5% of the operating time as required by 40 CFR 60.7(c)(3) in the olefins unit for third quarter of 2004.		
Date	08/10/2005 (402106)	CN600124705	
Self Report?	NO	Classification:	Moderate
Citation:	30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b) TCEQ Air Permit #18978, SC#1 PA		
Description:	Failure to prevent a pinhole leak on the propylene dryer inlet drain piping.		
Date	08/19/2005 (404431)	CN600124705	
Self Report?	NO	Classification:	Moderate
Citation:	30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b) TCEQ Air Permit No. 19109, SC#1 PA		
Description:	Failure to prevent an avoidable emissions event.		
Date	08/24/2005 (392722)	CN600124705	
Self Report?	NO	Classification:	Moderate
Citation:	30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b) TCEQ Air Permit #4477, SC#1 PA		
Description:	Lyondell-Equistar Chemicals, LP failed to prevent the C4202 secondary compressor shutdown.		
Date	09/30/2005 (492906)	CN600124705	
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	11/30/2005 (492908)	CN600124705	
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	12/31/2005 (492909)	CN600124705	
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	01/20/2006 (439064)	CN600124705	
Self Report?	NO	Classification:	Moderate
Citation:	30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)		

NSR 4477, SC 2 PERMIT  
O-02225, SC 11A OP

Description: It was determined that Equistar failed to maintain the maximum production rate at the ABIII Unit on January 1, 2005.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)  
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-2(d)(5)  
O-02225, SC 1A OP

Description: It was determined that Equistar failed to check the sensors for six pumps on January 22, 2005. This constitutes a violation of 40 CFR 60.482-2(d)(5)(i).

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)  
NSR 4477, SC 9E PERMIT  
O-02225, SC 11A OP  
O-02225, SC 1A OP

Description: It was determined that Equistar failed to equip open-ended lines with a second valve, cap, or plug on 64 occasions in the fugitive area (L3FUG). This constitutes a violation of 30 TAC 115.352(4), 115.783(5), and 116.115(c), and 40 CFR 60.482-6(a)(1).

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)  
NSR 5836, SC 1E PERMIT  
O-02225, SC 1A & SC 11A OP

Description: It was determined that Equistar failed to equip open-ended lines with a second valve, cap, or plug on 26 occasions in the fugitive area (MRUFUG). This constitutes a violation of 30 TAC 115.352(4), 115.783(5), and 116.115(c), and 40 CFR 60.482-6(a)(1).

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 106, SubChapter K 106.261(a)(7)(B)  
30 TAC Chapter 116, SubChapter B 116.110(a)(4)  
30 TAC Chapter 122, SubChapter B 122.143(4)

Description: It was determined that Equistar failed to satisfy the conditions of Permitted-by-Rule (PBR) 106.261 for the installation of a propylene seal pot in the ABIII Unit. This constitutes a violation of 30 TAC 116.110(a)(4).

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.121(a)(1)  
30 TAC Chapter 116, SubChapter B 116.115(c)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
NSR 4477, SC 1 PERMIT  
O-02225, SC 1A & 11A OP

Description: Equistar failed to properly maintain VOC emissions from storage silos(L3SILOS) in the ABIII Unit on the following three occasions: 1,134 ppm on 10/8/04, 1,127 ppm on 4/11/05, and 1,158.6 ppm on 8/9/05.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
NSR 4477, SC 7B PERMIT  
O-02225, SC 11A OP

Description: It was determined that Equistar failed to continuously monitor the presence of flare pilot flames for the flare (L3Flare) on May 26 & 27, 2005. This constitutes a violation of 30 TAC 116.115(c).

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter B 115.146(1)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
O-02225, SC 5A OP

Description: It was determined that Equistar failed to maintain records on industrial wastewater streams as needed to demonstrate compliance with 30 TAC 115.142. This constitutes a violation of 30 TAC 115.146(1).

Date 01/20/2006 (439066) CN600124705

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.213(c)(1)(A)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
SC 1A OP

Description: failure to monitor NOx emissions for Boilers G and H on 18 occasions

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 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)  
 SC 1A OP  
 Description: It was determined that Equistar failed to equip two open-ended lines withcaps/plugs. This constitutes a violation of 30 TAC 115.352(4), 30 TAC 115.783(5), and 40 CFR 60.482-6(a)(1).  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 117, SubChapter B 117.206(i)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 SC 1A OP  
 Description: Equistar failed to operate diesel engines outside of the restricted hours between 6:00 a.m. and noon on two occasions. This constitutes a violation of 30 TAC 117.206(i).  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 101, SubChapter H 101.359(a)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 SC 1A OP  
 Description: Equistar failed to submit NOx ECT-1 Annual Report for Boilers G and H, and Polymers Diesel Engines by the deadline of March 31, 2005. This constitutes a violation of 30 TAC 101.359(a).  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 117, SubChapter B 117.216(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 SC 1A OP  
 Description: It was determined that Equistar failed to submit NOx Final Report Plan for Boilers G and H, and Polymers Diesel Engines by the deadline of March 31, 2005. This constitutes a violation of 30 TAC 117.216(c).  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 SC 1 PERMIT  
 SC 8 OP  
 Description: It was determined that Equistar failed to properly maintain CO emissions from Boiler G on September 26, 2005. This constitutes a violation of 30 TAC 116.115(c).  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 SC 1 PERMIT  
 SC 8 OP  
 Description: It was determined that Equistar failed to properly maintain CO emissions from Boiler H on April 5 and 12, 2005. This constitutes a violation of 30 TAC 116.115(c).

Date 03/17/2006 (454588) CN600124705  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 117, SubChapter B 117.213(e)(4)(B)(ii)  
 Description: Violation of 117.213 (e)(4)(B)(ii). Failed to operate the CEMS system in a time shared mode while conducting CEMS RATA.

Date 03/17/2006 (454029) CN600124705  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 No. 19109, Special Condition No. 1 PERMIT  
 Description: Equistar failed to prevent an avoidable emissions event.

Date 03/17/2006 (454636) CN600124705  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 117, SubChapter B 117.213(e)(4)(B)(ii)  
 Description: Violation of 117.213 (e)(4)(B)(ii). Failed to operate the CEMS system in a time shared mode while conducting CEMS RATA.

Date 08/29/2006 (458894) CN600124705  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 111, SubChapter B 111.205(a)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Description: Equistar failed to provide fire training notification for the training that occurred on October 6, 2004.

Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(8)(A)  
 5C THC Chapter 382, SubChapter A 382.085(b)  
 Description: Equistar failed to maintain visible emissions from a portable diesel lighting system south of AB3 flare within the 30% opacity limit on October 23, 2004.

Date 10/31/2006 (551952) CN600124705  
 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 11/16/2006 (519602) CN600124705  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 TCEQ Permit #18978, SC#1 PA  
 Description: Failure to prevent the unauthorized emissions of HRVOC and VOC from the decoking drum.  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(H)  
 Description: Failure to include the permit number in the final report.  
 Date 12/18/2006 (517871) CN600124705  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 319, SubChapter A 319.11(b)  
 Description: Failure to perform the manganese oxide correction analysis.  
 Date 02/16/2007 (532610) CN600124705  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.725(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 O-02225, Special Condition 1.H OP  
 Description: Failure to install a continuous monitoring system for pressure relief valve V4229RV1.  
 Self Report? NO Classification: Moderate

Citation: 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)  
 5836, Special Condition 4E PERMIT  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 Description: Failure to seal open-ended lines containing volatile organic compounds.  
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter C 115.216(3)(A)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 O-02225, Special Condition 1.A. OP  
 Description: Failure to maintain appropriate records of a land based volatile organic compound (VOC) transfer to a transport vessel.  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter C 115.214(a)(1)(C)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 O-02225, Special Condition 8.A.(i) OP  
 Description: Failure to ensure a tank-truck being filled with VOCs had a current annual leak test.  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 4477, Special Condition 3 PERMIT  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 O-02225, Special Condition 11.A OP  
 Description: Failure of preventing the exceedence of the production limit as listed in Table 2 of the confidential section of the permit application. (CATEGORY B19.g.1)  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 4477, Special Condition 9F PERMIT  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 O-02225, Special Condition 11.A OP  
 Description: Failure to conduct valve monitoring for three consecutive quarters.  
 Date 02/27/2007 (532609) CN600124705  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(4)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 Description: Failure to analyze the HRVOC concentrations in the ARU flare (EPN: QE3050B) flare header gas. (B.19.g.1)  
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter D 115.352(1)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-9(d)(2)

5C THC Chapter 382, SubChapter D 382.085(b)  
 O-02223, Special Condition 1.A. OP  
 Description: Failure of not repairing pumps seals within the six month deadline. (B19.g.(1))  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 O-02223, Special Condition 1.A. OP  
 O-02223, Special Condition 13.A. OP  
 Permit 18978/PSD-TX-752M3, SC 13.H. PERMIT  
 Description: Failure to place leaker tags on equipment designating it as leaking components.  
 Self Report? NO Classification: Moderate  
 Citation: 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 D 382.085(b)  
 O-02223, Special Condition 1.A. OP  
 Description: Failure to identify fugitive components on tubing/piping associated with a sampling system in "benzene" service. (B19.g.(1))  
 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)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 O-02223, Special Condition 1.A. OP  
 O-02223, Special Condition 13.A. OP  
 Permit 18978/PSD-TX-752M3, SC 13.E. PERMIT  
 Description: Failure to seal open-ended lines in HRVOC and VOC service.  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 117, SubChapter B 117.219(d)(5)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 Description: Failure to submit the CEMS downtime report in a timely manner.  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter E 115.412(1)(A)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 Description: Failure to keep the degreaser lid closed.  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 115, SubChapter C 115.214(a)(1)(C)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 O-02223, Special Condition 6.A.(i) OP  
 Description: Failure to ensure trailers being filled with VOCs had a current annual leak test.  
 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(c)(3)(ii)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 O-02223, Special Condition 1.A. OP  
 Description: Failure to ensure the net heating value of flare QE8050B did not drop below 300 Btu/scf. (B19.g.(1))  
 Self Report? NO Classification: Moderate  
 Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.342(c)(2)  
 Description: Failure to ensure the wastewater met the 10 ppm standard. (B19.g.(1))  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 117, SubChapter B 117.214(b)(2)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 Description: Failure to stack test six diesel air compressors and one diesel engine pump. (B19.g.(1))  
 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 D 382.085(b)  
 O-02223, Special Condition 13.A. OP  
 Permit 18978/PSD-TX-752M3, SC 1 PERMIT  
 Description: Failure to ensure two diesel engines did not exceed the permitted tons/year allowable.  
 (B19.g.(1))  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THC Chapter 382, SubChapter D 382.085(b)

O-02223, General Terms and Conditions OP  
Description: Failure to include two compressors in the MAERT as emission points. (B19.g.(1))  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(1)(B)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
5C THC Chapter 382, SubChapter D 382.085(b)  
O-02223, Special Condition 3.A.(i) OP  
Description: Failure to prevent the exceedance of the opacity limit for the MAPD decoking process. (B19.g.(1))  
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 D 382.085(b)  
O-02223, Special Condition 13.A. OP  
Permit 18978/PSD-TX-752M3, SC 1 PERMIT  
Permit 18978/PSD-TX-752M3, SC 3.B. PERMIT  
Description: Failure to prevent the exceedance of permitted allowables for Furnaces 1, 4, 5, 7, 8, and 9. (Category B19.g.(1))  
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 D 382.085(b)  
O-02223, SC 13.A. OP  
Permit 18978/PSD-TX-752M3, SC 1 PERMIT  
Permit 18978/PSD-TX-752M3, SC 2.B. PERMIT  
Permit 18978/PSD-TX-752M3, SC 3.B. PERMIT  
Description: Failure to prevent the exceedance of permitted allowables for Boilers A and B. (B19.g.(1))

Date 04/04/2007 (542370) CN600124705  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
5C THC Chapter 382, SubChapter D 382.085(b)  
Permit #4477, Special Condition #1 PA  
Description: Failure to prevent unauthorized emissions of ethylene, particulate matter, and vinyl acetate/

Date 04/05/2007 (542368) CN600124705  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
5C THC Chapter 382, SubChapter D 382.085(b)  
TCEQ Permit #4477, Special Condition #1 PA  
Description: Failure to prevent the unauthorized emission of ethylene.

Date 05/24/2007 (558701) CN600124705  
Self Report? NO Classification: Moderate  
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
5C THC Chapter 382, SubChapter D 382.085(b)  
Permit #18978 PA  
Description: Failure to prevent the unauthorized emissions of HRVOC and VOC.

Date 07/09/2007 (532634) CN600124705  
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(c)(3)(ii)  
5C THC Chapter 382, SubChapter D 382.085(b)  
NSR Permit 19109, SC 6A PERMIT  
Title V Permit O-01606, SC 1A & SC 9A OP  
Description: failed to maintain the heating value of the gas being combusted being 300 Btu/scf or greater in the Q-1 Flare (HSFLARE) on December 11, 2005.  
Self Report? NO Classification: Minor  
Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(2)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
5C THC Chapter 382, SubChapter D 382.085(b)  
Title V Permit O-01606 OP  
Description: failed to properly perform the initial calibration of the highly reactive volatile organic compounds (HRVOC) analyzer for the Q-1 Flare by January 31, 2006, and also failed to perform daily calibrations until March 17, 2006.

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 THC Chapter 382, SubChapter D 382.085(b)  
Title V Permit O-01606, SC 1A OP

Description: failed to properly perform the initial calibration of the highly reactive volatile organic compounds (HRVOC) analyzer for the cooling tower (Q1CT) until March 30, 2006, and also failed to perform daily calibrations on April 9 and 10, 2006.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.725(c)(1)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
5C THC Chapter 382, SubChapter D 382.085(b)  
Title V Permit O-01606, SC 1A OP

Description: failed to install a continuous monitoring system to determine status of relief valves and duration of pressure relief events for pressure relief valves (HRVOC PSV) on the butene unloading system: PSV-R1779, PSV-R724, and PSV-J781RV.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(a)(2)(D)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
5C THC Chapter 382, SubChapter D 382.085(b)  
Title V Permit O-01606, SC 1A OP

Description: failed to maintain operating limits established during the HRVOC emission test on four occasions.

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 D 382.085(b)  
NSR Permit 19109, SE 12E PERMIT  
Title V Permit O-01606, SC 1A & 9A OP

Description: failed to equip open-ended lines with a plug or second valve on two occasions.

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 D 382.085(b)  
NSR Permit 19109, SC 1 PERMIT  
Title V Permit O-01606, SC 9A OP

Description: failed to maintain VOC emissions from railcar unloading to storage.

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 D 382.085(b)  
NSR Permit 19109, SC 7D PERMIT  
Title V Permit O-01606, SC 9A OP

Description: failed to continuously monitor the incinerator stack oxygen concentration on October 4, 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 D 382.085(b)  
NSR Permit 19109, SC 8 PERMIT  
Title V Permit O-01606, SC 9A OP

Description: failed to perform the required cylinder gas audit (CGA) on the oxygen analyzer by March 31, 2006.

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 D 382.085(b)  
NSR Permit 19109, SC 2 PERMIT  
Title V Permit O-01606, SC 9A OP

Description: failed to limit the volatile organic compounds (VOC) content in the polyethylene powder exiting the product purge bin to 100 ppm by weight on October 31, 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 D 382.085(b)  
NSR Permit 19109, SC 1 PERMIT  
Title V Permit O-01606, SC 9A OP

Description: failed to maintain NOx emissions from the Q-1 Flare (HSFLARE) within the limit of 0.50 lb/hr.

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 D 382.085(b)  
NSR Permit 19109, SC 9 PERMIT  
Title V Permit O-01606, SC 9A OP

Description: failed to maintain a sock filter on the powder feeder hopper on April 8, 2006.  
 Date 07/10/2007 (565209) CN600124705  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 Permit #4477, Special Condition #1 PERMIT  
 Description: Failure to prevent the lifting of safety relief valves which resulted in unauthorized emissions of ethylene to the atmosphere.

Date 10/31/2007 (631964) CN600124705  
 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 11/16/2007 (597973) CN600124705  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 5C THC Chapter 382, SubChapter D 382.085(b)  
 Permit #4477, Special Condition #1 PERMIT  
 Description: Failure to block in the High Pressure Separator overhead valve resulting in unauthorized emissions.

Date 02/08/2008 (612730) CN600124705  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 5C THSC Chapter 382 382.085(b)  
 Permit #4477, Special Condition #1 PERMIT  
 Description: Failure to prevent the opening of the reactor vent to the atmosphere which resulted in the release of ethylene.

Date 06/20/2008 (646368) CN600124705  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 5C THSC Chapter 382 382.085(b)  
 Special Condition #1 PERMIT  
 Description: Failure to prevent bumping of the barring-over controls on the Recycle compressor which resulted in the shutdown of the compressor and the venting of contaminants to the atmosphere.

Date 07/11/2008 (653610) CN600124705  
 Self Report? NO Classification: Moderate  
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 5C THSC Chapter 382 382.085(b)  
 Special Condition #1 PERMIT  
 Description: Failure to prevent pressure build up in the gas recycle system which resulted in the lifting of a High Pressure Separator Relief Valve to the atmosphere.

Date 08/20/2008 (688715) CN600124705  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(G)  
 5C THSC Chapter 382 382.085(b)  
 Description: Failure to include the heat exchanger leak in Incident #96015.

Date 03/31/2009 (756295) CN600124705  
 Self Report? YES Classification: Moderate  
 Citation: 2D TWC Chapter 26, SubChapter A 26.121(a)  
 30 TAC Chapter 305, SubChapter F 305.125(1)  
 Description: Failure to meet the limit for one or more permit parameter

Date 06/16/2009 (743921) CN600124705  
 Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 319, SubChapter A 319.5(b)  
 ELMR, No. 1, p. 2 PERMIT  
 Description: Failure to measure the flow at Outfall 001 at the required frequency.

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 319, SubChapter A 319.6  
 30 TAC Chapter 319, SubChapter A 319.9(c)  
 Description: Failure to properly calibrate the pH meter and perform the required Quality Assurance/Quality Control (QA/QC) for the chlorine meter.

Self Report? NO Classification: Minor  
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)  
 Other Requirements, No. 3, p. 12-13 PERMIT  
 Description: Failure to properly complete the Discharge Monitoring Reports (DMRs) for total zinc at Outfall 001 in March 2009.

Date 06/29/2009 (721079)

CN600124705

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)(2)  
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)  
Special Condition 14E PERMIT  
Special Condition 5 PERMIT  
Special Condition 6A PERMIT  
Special Term and Condition 13 OP  
Special Term and Condition 1A OP

Description: Failure to maintain a cap, blind flange, plug or second valve on four (4) open ended lines. (Category C10 violation)

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 THSC Chapter 382 382.085(b)  
Special Term and Condition 1J(v) OP

Description: Failure to repair eleven (11) leaking components in HRVOC service within seven (7) days. (Category B19(g)(1) violation)

Self Report? NO

Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter D 115.352(2)  
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)  
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(d)(1)  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT I 61.112(a)  
40 CFR Part 61, Subpart V 61.242-7(d)(1)  
5C THSC Chapter 382 382.085(b)  
Special Condition 14I PERMIT  
Special Condition 5 PERMIT  
Special Condition 6A PERMIT  
Special Term and Condition 13 OP  
Special Term and Condition 1A OP  
Special Term and Condition 1J(v) OP

Description: Failure to repair twelve (12) leaking components in HRVOC service within fifteen (15) days. (Category B19(g)(1) violation)

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)(3)(ii)  
5C THSC Chapter 382 382.085(b)  
Special Condition 11A PERMIT  
Special Condition 5 PERMIT  
Special Term and Condition 13 OP  
Special Term and Condition 1A OP

Description: Failure to maintain a minimum of 300 BTU for flare QE3050B. (Category B19(g)(1) Violation)

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)  
Special Term and Condition 1J(iii) OP

Description: Failure to maintain HRVOC emissions below the HRVOC cap of 1200 lbs/hr. (Category B19(g)(1) violation)

Self Report? NO

Classification: Moderate

Citation: 30 TAC Chapter 106, SubChapter T 106.454(3)(B)  
30 TAC Chapter 115, SubChapter E 115.412(1)(A)  
30 TAC Chapter 122, SubChapter B 122.143(4)  
5C THSC Chapter 382 382.085(b)  
Special Term and Condition 13 OP  
Special Term and Condition 1A OP

Description: Failure to maintain a closed lid on the Olefins degreaser while the degreaser was not in use. (Category B19(g)(1) violation)

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 THSC Chapter 382 382.085(b)

Special Conditions 11C PERMIT  
 Special Term and Condition 13 OP  
 Special Term and Condition 1A OP

Description: Failure to limit visible emissions to less than five minutes within a two hour period from flare QE3050B. (Category B19(g)(1))

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)  
 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)  
 Special Condition 1 PERMIT  
 Special Terms and Conditions 13 OP

Description: Failure to maintain NOX emissions below 31.75 lbs/hr for Furnace #9 (QE1009B). (Category B19(g)(1) violation)

Date 08/24/2009 (759202) CN600124705

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 5C THSC Chapter 382 382.085(b)  
 Special Condition #1 PERMIT

Description: Failure to prevent unauthorized emissions due to water entering the high voltage disconnect switch structure.

Date 08/28/2009 (721238) CN600124705

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)  
 Special Condition 13 PERMIT  
 Special Terms & Conditions 15 PERMIT

Description: Failed to perform monthly sampling and testing for residual VOC, which constitutes the violation of NSR Permit 19109, Special Condition 13. (CATEGORY C1 Violation)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
 30 TAC Chapter 116, SubChapter B 116.115(c)  
 Special Terms & Conditions 12(E) PERMIT  
 Special Terms & Conditions 15 PERMIT  
 Special Terms & Conditions 1A PERMIT

Description: Failure to seal one open-ended line with a cap, plug, blind flange, or a second valve. [Category C10]

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)  
 30 TAC Chapter 122, SubChapter B 122.143(4)  
 5C THSC Chapter 382 382.085(b)  
 General Terms & Conditions 2F PERMIT

Description: Failed to create a final record of five reportable events no later than two weeks after the end of an emissions event. (CATEGORY C3 violation)

Date 09/17/2009 (761496) CN600124705

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 5C THSC Chapter 382 382.085(b)  
 Special Condition #1 PERMIT

Description: Failure to prevent unauthorized emissions during an emissions event. Specifically, Equistar failed to prevent unauthorized emissions from the High Pressure Separator relief valve (L3Fug).

Self Report? NO Classification: Moderate

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

Description: Failure to submit the Initial Notification for a reportable emissions event within 24 hours of discovery of the event.

Date 02/25/2010 (787910) CN600124705

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)  
 5C THSC Chapter 382 382.085(b)  
 Special Condition 1 PERMIT

Description: Failure to prevent unauthorized emissions due to lifting of relief valve C4202RV5 to the atmosphere.

F. Environmental audits.

Notice of Intent Date: 11/28/2006 (534264)  
 No DOV Associated

Notice of Intent Date: 07/27/2007 (593661)  
 Disclosure Date: 04/29/2008

Viol. Classification: Moderate  
Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-1  
40 CFR Part 60, Subpart VV 60.482-2  
40 CFR Chapter 63, SubChapter C, PT 63, SubPT UU 63.1026  
Description: Failure to monthly monitor specific components.

Viol. Classification: Moderate  
Citation: 30 TAC Chapter 115, SubChapter D 115.356(2)(D)  
Description: Failure to maintain 3 calibration precision tests and 19 daily calibration test records.

Viol. Classification: Moderate  
Citation: 40 CFR Chapter 264, SubChapter I, PT 264, SubPT BB 264.1064(g)(1)  
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.486(e)(1)  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT V 61.246(e)(1)  
Description: Failure to maintain Heavy Liquid Equipment Lists.

Viol. Classification: Moderate  
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)  
30 TAC Chapter 115, SubChapter H 115.783(5)  
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)  
Rqmt Prov: PERMIT NSR 4477  
Description: Failure to close 4 open ended lines.

Notice of Intent Date: 07/31/2007 (593666)  
Disclosure Date: 03/31/2008

Viol. Classification: Moderate  
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.342(a)  
Description: Failure to include all benzene waste streams at the facility in the total annual benzene quantity.

Viol. Classification: Moderate  
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.343  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.344  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.345  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.346  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.347  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.348  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.349  
Description: Failure to meet benzene waste operations control standards for tanks, surface impoundments, containers, individual drain systems, oil water separators, treatment processes, closed vent systems and control devices.

Viol. Classification: Moderate  
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.354  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.357  
Description: Failure to properly monitor, report, and maintain records for benzene waste operations.

Viol. Classification: Moderate  
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355  
Description: Failure to follow test methods, procedures and compliance provisions for benzene waste operations.

Viol. Classification: Moderate  
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(a)(1)  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(a)(2)  
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(b)  
Description: Failure to accurately calculate the benzene quantities of certain waste streams.

Viol. Classification: Moderate  
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(c)  
Description: Failure to determine the proper flow-weighted annual average benzene concentration.

Viol. Classification: Moderate  
Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(c)(1)  
Description: Failure to use all phases when determining the weighted-average benzene concentration.

Notice of Intent Date: 11/05/2007 (615486)  
No DOV Associated

Notice of Intent Date: 11/05/2007 (615488)  
No DOV Associated

Notice of Intent Date: 11/05/2007 (615489)  
Disclosure Date: 08/20/2008  
Viol. Classification: Moderate  
Rqmt Prov: PERMIT Title V Operating Permit O-2225  
Description: Failure to comply with Title V operating permit O-2225.

Notice of Intent Date: 04/22/2008 (681801)

No DOV Associated

Notice of Intent Date: 06/23/2008 (688517)

No DOV Associated

Notice of Intent Date: 09/28/2009 (779143)

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.

N/A

J. Early compliance.

N/A

Sites Outside of Texas

N/A

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



**IN THE MATTER OF AN  
ENFORCEMENT ACTION  
CONCERNING  
EQUISTAR CHEMICALS, LP  
RN100210319**

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**BEFORE THE  
TEXAS COMMISSION ON  
ENVIRONMENTAL QUALITY**

## **AGREED ORDER DOCKET NO. 2010-0328-AIR-E**

### **I. JURISDICTION AND STIPULATIONS**

At its \_\_\_\_\_ agenda, the Texas Commission on Environmental Quality ("the Commission" or "TCEQ") considered this agreement of the parties, resolving an enforcement action regarding Equistar Chemicals, LP ("the Respondent") 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 Respondent appear before the Commission and together stipulate that:

1. The Respondent owns and operates a polymer manufacturing plant at 1515 Miller Cut Off Road in La Porte, Harris County, Texas (the "Plant").
2. The Plant consists of one or more sources as defined in TEX. HEALTH & SAFETY CODE § 382.003(12).
3. The Commission and the Respondent agree that the Commission has jurisdiction to enter this Agreed Order, and that the Respondent is subject to the Commission's jurisdiction.
4. The Respondent received notice of the violations alleged in Section II ("Allegations") on or about March 1, 2010.
5. The occurrence of any violation is in dispute and the entry of this Agreed Order shall not constitute an admission by the Respondent of any violation alleged in Section II ("Allegations"), nor of any statute or rule.
6. An administrative penalty in the amount of Ten Thousand Dollars (\$10,000) is assessed by the Commission in settlement of the violations alleged in Section II ("Allegations"). Two Thousand Dollars (\$2,000) is deferred contingent upon the Respondent's timely and satisfactory compliance

- with all the terms of this Agreed Order. Any deferred amount will be waived upon full compliance with the terms of this Agreed Order.
7. Any notice and procedures, which might otherwise be authorized or required in this action, are waived in the interest of a more timely resolution of the matter.
  8. The Executive Director of the TCEQ and the Respondent have agreed on a settlement of the matters alleged in this enforcement action, subject to the approval of the Commission.
  9. The Executive Director recognizes that the Respondent completed the following corrective actions at the Plant:
    - a. By March 12, 2010, removed the 15 second delay from the low alarm on the safety interlock system; and
    - b. By March 31, 2010, reviewed oil pump swapping procedures with all operating technicians, emphasizing the criticality of maintaining a steady pump discharge pressure.
  10. The Executive Director may, without further notice or hearing, refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings if the Executive Director determines that the Respondent has not complied with one or more of the terms or conditions in this Agreed Order.
  11. This Agreed Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Agreed Order, whichever is later.
  12. The provisions of this Agreed Order are deemed severable and, if a court of competent jurisdiction or other appropriate authority deems any provision of this Agreed Order unenforceable, the remaining provisions shall be valid and enforceable.

## II. ALLEGATIONS

As owner and operator of the Plant, the Respondent is alleged to have failed prevent unauthorized emissions during Incident No. 132744, in violation of New Source Review Air Permit No. 18978/PSD-TX-752M3, Special Condition 1, 30 TEX. ADMIN. CODE §§ 101.20(3) and 116.115(c), and TEX. HEALTH & SAFETY CODE § 382.085(b), as documented during an investigation conducted on December 15, 2009. Specifically, beginning December 2, 2009, rapid header pressure changes in the Process Gas Compressor resulted in the unauthorized release of 870.9 pounds ("lbs") of volatile organic compounds, 456.1 lbs of carbon monoxide, and 45.4 lbs of nitrogen oxides from the Acetylene Recovery Unit Flare [Emission Point Number ("EPN") QE3050B] and the Elevated Flare (EPN QE8050B), over a period of 8.5 hours. Since the emissions event could have been avoided through better operational practices, the demonstrations in 30 TEX. ADMIN. CODE § 101.222 necessary to present an affirmative defense were not met.

### III. DENIALS

The Respondent generally denies each allegation in Section II ("Allegations").

### IV. ORDERING PROVISIONS

1. It is, therefore, ordered by the TCEQ that the Respondent be assessed an administrative penalty as set forth in Section I, Paragraph 6 above. The assessment of this administrative penalty and the Respondent's compliance with all the terms and conditions set forth in this Agreed Order resolve only the allegations in Section II. However, the agreement by the Respondent to the assessment of a penalty is expressly not in lieu of or an alternative to compliance with all injunctive requirements in this Agreed Order. The Commission shall not be constrained in any manner from requiring corrective action or penalties for violations which are not raised here. Administrative penalty payments when paid shall be made payable to "TCEQ" and sent with the notation "Re: Equistar Chemicals, LP, Docket No. 2010-0328-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. It is further ordered that the Respondent shall undertake the following technical requirements:
  - a. Within 180 days after the effective date of this Agreed Order, complete the installation of the local electronic header pressure indicator, that together with the corrective actions completed by March 12 and 31, 2010, are designed to prevent the improper tripping of the compressor involved in the emissions event that began on December 2, 2009; and
  - b. Within 195 days after the effective date of this Agreed Order, submit written certification as described below, and include detailed supporting documentation including photographs, receipts, and/or other records to demonstrate compliance with Ordering Provision No. 2.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 fines 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:

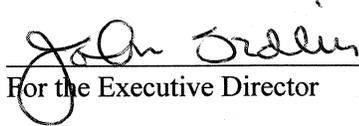
Air Section, Manager  
Houston Regional Office  
Texas Commission on Environmental Quality  
5425 Polk Avenue, Suite H  
Houston, Texas 77023-1486

3. The provisions of this Agreed Order shall apply to and be binding upon the Respondent. The Respondent is ordered to give notice of the Agreed Order to personnel who maintain day-to-day control over the Plant operations referenced in this Agreed Order.
4. If the Respondent fails to comply with any of the Ordering Provisions in this Agreed Order within the prescribed schedules, and that failure is caused solely by an act of God, war, strike, riot, or other catastrophe, the Respondent's failure to comply is not a violation of this Agreed Order. The Respondent shall have the burden of establishing to the Executive Director's satisfaction that such an event has occurred. The Respondent shall notify the Executive Director within seven days after the Respondent becomes aware of a delaying event and shall take all reasonable measures to mitigate and minimize any delay.
5. The Executive Director may grant an extension of any deadline in this Agreed Order or in any plan, report, or other document submitted pursuant to this Agreed Order, upon a written and substantiated showing of good cause. All requests for extensions by the Respondent shall be made in writing to the Executive Director. Extensions are not effective until the Respondent receives written approval from the Executive Director. The determination of what constitutes good cause rests solely with the Executive Director.
6. This Agreed Order, issued by the Commission, shall not be admissible against the Respondent 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.
7. This Agreed Order may be executed in multiple counterparts, which together shall constitute a single original instrument. Any executed signature page to this Agreed Order may be transmitted by facsimile transmission to the other parties, which shall constitute an original signature for all purposes under this Agreed Order.
8. Under 30 TEX. ADMIN. CODE § 70.10(b), the effective date is the date of hand-delivery of the Order to the Respondent, or three days after the date on which the Commission mails notice of the Order to the Respondent, whichever is earlier. The Chief Clerk shall provide a copy of this Agreed Order to each of the parties.

## SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

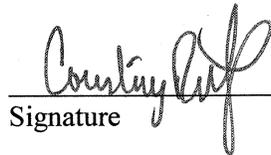
\_\_\_\_\_  
Date 3/11/2011

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

I also understand that failure to comply with the Ordering Provisions, if any, in this order 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;
- Increased penalties in any future enforcement actions;
- Automatic referral to the Attorney General's Office of any future enforcement actions; and
- TCEQ seeking other relief as authorized by law.

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

  
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date 6-29-2010

Courtney Rugh  
\_\_\_\_\_  
Name (Printed or typed)  
Authorized Representative of  
Equistar Chemicals, LP

Site Manager  
\_\_\_\_\_  
Title

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