

EXECUTIVE SUMMARY - ENFORCEMENT MATTER Page 1 of 3
DOCKET NO.: 2009-0263-AIR-E **TCEQ ID:** RN100542281 **CASE NO.:** 37184
RESPONDENT NAME: Equistar Chemicals, LP

ORDER TYPE:		
<input checked="" type="checkbox"/> 1660 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	
CASE TYPE:		
<input checked="" type="checkbox"/> AIR	<input type="checkbox"/> MULTI-MEDIA (check all that apply)	<input type="checkbox"/> INDUSTRIAL AND HAZARDOUS WASTE
<input type="checkbox"/> PUBLIC WATER SUPPLY	<input type="checkbox"/> PETROLEUM STORAGE TANKS	<input type="checkbox"/> OCCUPATIONAL CERTIFICATION
<input type="checkbox"/> WATER QUALITY	<input type="checkbox"/> SEWAGE SLUDGE	<input type="checkbox"/> UNDERGROUND INJECTION CONTROL
<input type="checkbox"/> MUNICIPAL SOLID WASTE	<input type="checkbox"/> RADIOACTIVE WASTE	<input type="checkbox"/> DRY CLEANER REGISTRATION
<p>SITE WHERE VIOLATION(S) OCCURRED: Channelview Complex, 8280 Sheldon Road, Channelview, Harris County</p> <p>TYPE OF OPERATION: Chemical company</p> <p>SMALL BUSINESS: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>OTHER SIGNIFICANT MATTERS: There are no complaints. There are three additional pending enforcement actions regarding this facility location, Docket Nos. 2009-1593-AIR-E, 2010-0335-AIR-E, and 2010-0243-IHW-E.</p> <p>INTERESTED PARTIES: No one other than the ED and the Respondent has expressed an interest in this matter.</p> <p>COMMENTS RECEIVED: The <i>Texas Register</i> comment period expired on May 10, 2010. No comments were received.</p> <p>CONTACTS AND MAILING LIST: TCEQ Attorney/SEP Coordinator: None TCEQ Enforcement Coordinator: Mr. John Muennink, Enforcement Division, Enforcement Team 5, MC R-14, (361) 825-3423; Ms. Laurie Baves, Enforcement Division, MC 219, (512) 239-4495 Respondent: Mr. Michael D. VanDerSnick, Site Manager, Equistar Chemicals, LP, 8280 Sheldon Road, Channelview, Texas 77530 Respondent's Attorney: Not represented by counsel on this enforcement matter</p>		

VIOLATION SUMMARY CHART:

VIOLATION INFORMATION	PENALTY CONSIDERATIONS	CORRECTIVE ACTIONS TAKEN/REQUIRED
<p>Type of Investigation: <input type="checkbox"/> Complaint <input type="checkbox"/> Routine <input type="checkbox"/> Enforcement Follow-up <input checked="" type="checkbox"/> Records Review</p> <p>Date(s) of Complaints Relating to this Case: None</p> <p>Date of Investigation Relating to this Case: January 21 and January 9 through 22, 2009</p> <p>Date of NOV/NOE Relating to this Case: February 6 and 13, 2009 (NOE)</p> <p>Background Facts: These were record reviews.</p> <p>AIR</p> <p>1) Failure to comply with the carbon monoxide ("CO") emission limit of 0.05 pounds per hour ("lbs/hr") and the nitrogen oxide ("NOx") emission limit of 6.1 lbs/hr for the Atlas Copco Air Compressor (EPN OP1EN1). Specifically, a reference method stack test conducted on December 18, 2007 yielded results of 2.28 lbs/hr of CO and 8.8 lbs/hr of NOx [30 TEX. ADMIN. CODE § 116.115(c), TEX. HEALTH & SAFETY CODE § 382.085(b), and Permit No. 1768, Special Condition No. 1].</p> <p>2) Failure to prevent unauthorized emissions. Specifically, the Respondent released 5,197.3 pounds ("lbs") of volatile organic compounds ("VOC"), including the following Hazardous Air Pollutants: 294.3 lbs of 1,3-butadiene, 272.6 lbs of benzene, 122.5 lbs of hexane and 30.4 lbs of toluene and the following Highly Reactive VOCs: 422.8 lbs of butene, 2,097.5 lbs of ethylene and 1,351.9 lbs of propylene from the C-3501B piping in the Olefins 1 Unit during an avoidable emissions event that began December 4, 2008 and lasted 12 hours and 45 minutes. The emissions were the result of the poor quality of the original welds securing gussets where a small pipe joined a larger pipe. Since this emissions event could have been avoided by better maintenance practices, the demonstrations in 30 TEX.</p>	<p>Total Assessed: \$64,000</p> <p>Total Deferred: \$12,800 <input checked="" type="checkbox"/> Expedited Settlement <input type="checkbox"/> Financial Inability to Pay</p> <p>SEP Conditional Offset: \$0</p> <p>Total Paid (Due) to General Revenue: \$0</p> <p>On January 6, 2009, the Respondent, together with certain other subsidiaries and affiliates of Lyondell Chemical Company, filed with the United States Bankruptcy Court a voluntary petition for relief under chapter 11 of the Bankruptcy Code.</p> <p>(The remaining \$51,200 due pending outcome of bankruptcy proceedings)</p> <p>Site Compliance History Classification <input type="checkbox"/> High <input checked="" type="checkbox"/> Average <input type="checkbox"/> Poor</p> <p>Person Compliance History Classification <input type="checkbox"/> High <input checked="" type="checkbox"/> Average <input type="checkbox"/> Poor</p> <p>Major Source: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Applicable Penalty Policy: September 2002</p>	<p>Corrective Actions Taken:</p> <p>The Executive Director recognizes that the Respondent submitted an amendment for increased NOx and CO emission limits for the Atlas Copco Air Compressor (EPN OP1EN1) for Permit No. 1768 on March 19, 2009.</p> <p>Ordering Provisions:</p> <p>The Order will require the Respondent to:</p> <p>a. Within 30 days after the effective date of this Agreed Order, implement measures designed to ensure the proper maintenance of welds associated to piping in the Olefins 1 Unit;</p> <p>b. Within 180 days after the effective date of this Agreed Order, obtain approval of the permit amendment for increased NOx and CO emission limits for the Atlas Copco Air Compressor (EPN OP1EN1) or comply with current permitted limits; and</p> <p>c. Within 195 days after the effective date of this Agreed Order, submit written certification to demonstrate compliance Ordering Provisions a. and b.</p>

<p>ADMIN. CODE § 101.222 necessary to present an affirmative defense were not met [30 TEX. ADMIN. CODE § 116.115(c), TEX. HEALTH & SAFETY CODE § 382.085(b), and Permit No. 1768, Special Condition No. 1].</p>		
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Additional ID No(s): HG0033B



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (September 2002)

PCW Revision October 30, 2008

DATES	Assigned	3-Mar-2009	Screening	10-Mar-2009	EPA Due	10-Nov-2009
	PCW	11-Mar-2009				

RESPONDENT/FACILITY INFORMATION	
Respondent	Equistar Chemicals, LP
Reg. Ent. Ref. No.	RN100542281
Facility/Site Region	12-Houston
Major/Minor Source	Major

CASE INFORMATION			
Enf./Case ID No.	37184	No. of Violations	2
Docket No.	2009-0263-AIR-E	Order Type	1660
Media Program(s)	Air	Government/Non-Profit	No
Multi-Media		Enf. Coordinator	John Muennink
		EC's Team	Enforcement Team 5
Admin. Penalty \$ Limit Minimum	\$0	Maximum	\$10,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties)	Subtotal 1	\$15,000
ADJUSTMENTS (+/-) TO SUBTOTAL 1		
Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.		
Compliance History	332.0% Enhancement	Subtotals 2, 3, & 7 \$49,800
Notes	Enhancement due to 36 NOVs with same or similar violations, 33 NOVs with unrelated violations, two Findings Orders, one 1660 Agreed Order and one Federal Order containing a denial of liability. Reduction due to 10 Notice of Audit Letters submitted with two containing a Disclosure of Violations.	
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	\$463	*Capped at the Total EB \$ Amount
Approx. Cost of Compliance	\$6,000	
SUM OF SUBTOTALS 1-7	Final Subtotal	\$64,800
OTHER FACTORS AS JUSTICE MAY REQUIRE	0.0%	Adjustment \$0
Notes	Reduces or enhances the Final Subtotal by the indicated percentage.	
		Final Penalty Amount \$64,800
STATUTORY LIMIT ADJUSTMENT		Final Assessed Penalty \$64,000
DEFERRAL	20.0% Reduction	Adjustment -\$12,800
Notes	Reduces the Final Assessed Penalty by the indicated percentage. (Enter number only; e.g. 20 for 20% reduction.)	
	Deferral offered for expedited settlement.	
PAYABLE PENALTY		\$51,200

Screening Date 10-Mar-2009

Docket No. 2009-0263-AIR-E

PCW

Respondent Equistar Chemicals, LP

Policy Revision 2 (September 2002)

Case ID No. 37184

PCW Revision October 30, 2008

Reg. Ent. Reference No. RN100542281

Media [Statute] Air

Enf. Coordinator John Muennink

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 NOV meeting criteria)	36	180%
	Other written NOVs	33	66%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	1	20%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	2	50%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	1	30%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	10	-10%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	2	-4%

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) 332%

>> 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

Enhancement due to 36 NOVs with same or similar violations, 33 NOVs with unrelated violations, two Findings Orders, one 1660 Agreed Order and one Federal Order containing a denial of liability. Reduction due to 10 Notice of Audit Letters submitted with two containing a Disclosure of Violations.

Total Adjustment Percentage (Subtotals 2, 3, & 7) 332%

Screening Date	10-Mar-2009	Docket No.	2009-0263-AIR-E	PCW
Respondent	Equistar Chemicals, LP	Policy Revision 2 (September 2002)		
Case ID No.	37184	PCW Revision October 30, 2008		
Reg. Ent. Reference No.	RN100542281			
Media [Statute]	Air			
Enf. Coordinator	John Muennink			
Violation Number	1			
Rule Cite(s)	30. Tex. Admin. Code § 116.115(c), Tex. Health & Safety Code § 382.085(b) and Permit No. 1768, Special Condition No. 1			
Violation Description	Failed to comply with the carbon monoxide ("CO") emission limit of 0.05 pounds per hour ("lbs/hr") and the nitrogen oxide ("NOx") emission limit of 6.1 lbs/hr for the Atlas Copco Air Compressor (EPN.OP1EN1). Specifically, a reference method stack test conducted on December 18, 2007 yielded results of 2.28 lbs/hr of CO and 8.8 lbs/hr of NOx.			
Base Penalty				\$10,000

>> Environmental, Property and Human Health Matrix

OR	Harm			Percent	
	Release	Major	Moderate		Minor
	Actual				X
	Potential				
				25%	

>> Programmatic Matrix

	Falsification	Major	Moderate	Minor	Percent
					0%

Matrix Notes

Human health or the environment has been exposed to an insignificant amount of pollutants that do not exceed levels protective of human health or environmental receptors.

Adjustment \$7,500

\$2,500

Violation Events

Number of Violation Events Number of violation days

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

Violation Base Penalty \$12,500

Five quarterly events are recommended based on the test date of December 18, 2007 to the screening date of March 10, 2009; however, a penalty will only be collected up to the bankruptcy petition date of January 6, 2009.

Good Faith Efforts to Comply

0.0% Reduction

\$0

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary	<input type="checkbox"/>	<input type="checkbox"/>
Ordinary	<input type="checkbox"/>	<input type="checkbox"/>
N/A	X	(mark with x)

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

Violation Subtotal \$12,500

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount \$426

Violation Final Penalty Total \$54,000

This violation Final Assessed Penalty (adjusted for limits) \$54,000

Economic Benefit Worksheet

Respondent: Equistar Chemicals, LP
Case ID No.: 37184
Reg. Ent. Reference No.: RN100542281
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				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$5,000	18-Dec-2007	31-Aug-2009	1.70	\$426	n/a	\$426

Notes for DELAYED costs: Estimated expense to demonstrate compliance with permitted limits for CO and NOx emissions from the Atlas Copco Air Compressor (EPN OP1EN1). The Date Required is the date of the test. The Final Date is the date that corrective actions are estimated 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	\$426
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Screening Date: 10-Mar-2009	Docket No.: 2009-0263-AIR-E	PCW				
Respondent: Equistar Chemicals, LP		<i>Policy Revision 2 (September 2002)</i>				
Case ID No.: 37184		<i>PCW Revision October 30, 2006</i>				
Reg. Ent. Reference No.: RN100542281						
Media [Statute]: Air						
Enf. Coordinator: John Muennink						
Violation Number: 2						
Rule Cite(s):	30 Tex. Admin. Code § 116.115(c), Tex. Health & Safety Code § 382.085(b) and Permit No. 1768, Special Condition No. 1					
Violation Description:	Failed to prevent unauthorized emissions. Specifically, the Respondent released 5,197.3 pounds ("lbs") of volatile organic compounds ("VOC"), including the following Hazardous Air Pollutants ("HAP"): 294.3 lbs of 1,3-butadiene, 272.6 lbs of benzene, 122.5 lbs of hexane and 30.4 lbs of toluene and the following Highly Reactive VOCs ("HRVOC"): 422.8 lbs of butene, 2,097.5 lbs of ethylene and 1,351.9 lbs of propylene from the C-3501B piping in the Olefins 1 Unit during an avoidable emissions event that began December 4, 2008 and lasted 12 hours and 45 minutes. The emissions were the result of the poor quality of the original welds securing gussets where a small pipe joined a larger pipe. Since this emissions event could have been avoided by better maintenance 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						
OR	Release	Major	Moderate	Minor		
	Actual			x		
	Potential				Percent 25%	
>> Programmatic Matrix						
	Falsification	Major	Moderate	Minor		
					Percent 0%	
Matrix Notes	Human health or the environment has been exposed to an insignificant amount of pollutants that do not exceed levels protective of human health or environmental receptors. The Houston-Galveston-Brazoria County non-attainment area has been exposed to an estimated 0.4 tons of HAPs and 1.9 tons of HRVOCs.					
	Adjustment					\$7,500
\$2,500						
Violation Events						
	Number of Violation Events	1	1	Number of violation days		
mark only one with an x	daily					
	weekly					
	monthly					
	quarterly	x				
	semiannual					
	annual					
	single event					
	One quarterly event is recommend based on the emissions event date of December 4, 2008.					
Good Faith Efforts to Comply						
	0.0% Reduction					\$0
	Before NOV	NOV to EDCRP/Settlement Offer				
	Extraordinary					
	Ordinary					
	N/A	x	(mark with x)			
Notes	The Respondent does not meet the good faith criteria for this violation.					
	Violation Subtotal					\$2,500
Economic Benefit (EB) for this violation						
	Estimated EB Amount	\$37				Violation Final Penalty Total \$10,800
	This violation Final Assessed Penalty (adjusted for limits)					\$10,000

Economic Benefit Worksheet

Respondent: Equistar Chemicals, LP
Case ID No.: 37184
Reg. Ent. Reference No.: RN100542281
Media: Air
Violation No.: 2

Percent Interest	Years of Depreciation
5.0	15

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

Delayed Costs

Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$1,000	4-Dec-2008	31-Aug-2009	0.74	\$37	n/a	\$37

Notes for DELAYED costs

Estimated expense to implement measures designed to ensure the proper maintenance of welds associated to piping in the Olefins 1 Unit. The Date Required is the date of the emissions event. The Final Date is the date that corrective measures are estimated 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

\$1,000

TOTAL

\$37

Compliance History Report

Customer/Respondent/Owner-Operator: CN600124705 Equistar Chemicals, LP Classification: AVERAGE Rating: 2.92
Regulated Entity: RN100542281 CHANNELVIEW COMPLEX Classification: AVERAGE Site Rating: 4.38

ID Number(s):		ACCOUNT NUMBER	
	AIR OPERATING PERMITS		HG0033B
	AIR OPERATING PERMITS	PERMIT	1426
	AIR OPERATING PERMITS	PERMIT	2174
	AIR OPERATING PERMITS	PERMIT	2175
	AIR OPERATING PERMITS	PERMIT	2176
	AIR OPERATING PERMITS	PERMIT	2177
	AIR OPERATING PERMITS	PERMIT	2178
	AIR OPERATING PERMITS	PERMIT	2179
	AIR OPERATING PERMITS	PERMIT	2180
	AIR OPERATING PERMITS	PERMIT	2181
	AIR OPERATING PERMITS	PERMIT	2182
	AIR OPERATING PERMITS	PERMIT	2183
	AIR OPERATING PERMITS	PERMIT	2184
	AIR OPERATING PERMITS	PERMIT	2185
	WASTEWATER	PERMIT	WQ0000391000
	WASTEWATER	PERMIT	TPDES0003531
	WASTEWATER	PERMIT	TX0003531
	AIR NEW SOURCE PERMITS	PERMIT	1768
	AIR NEW SOURCE PERMITS	PERMIT	2128
	AIR NEW SOURCE PERMITS	PERMIT	2933
	AIR NEW SOURCE PERMITS	PERMIT	2935
	AIR NEW SOURCE PERMITS	PERMIT	2936
	AIR NEW SOURCE PERMITS	PERMIT	3130A
	AIR NEW SOURCE PERMITS	PERMIT	3294
	AIR NEW SOURCE PERMITS	PERMIT	3627
	AIR NEW SOURCE PERMITS	PERMIT	6245
	AIR NEW SOURCE PERMITS	PERMIT	6387
	AIR NEW SOURCE PERMITS	PERMIT	8123
	AIR NEW SOURCE PERMITS	PERMIT	8125
	AIR NEW SOURCE PERMITS	PERMIT	10586
	AIR NEW SOURCE PERMITS	PERMIT	10700
	AIR NEW SOURCE PERMITS	PERMIT	10812
	AIR NEW SOURCE PERMITS	PERMIT	11735
	AIR NEW SOURCE PERMITS	PERMIT	12334
	AIR NEW SOURCE PERMITS	PERMIT	13849
	AIR NEW SOURCE PERMITS	PERMIT	15348
	AIR NEW SOURCE PERMITS	PERMIT	12341
	AIR NEW SOURCE PERMITS	PERMIT	22779
	AIR NEW SOURCE PERMITS	PERMIT	23079
	AIR NEW SOURCE PERMITS	PERMIT	24677
	AIR NEW SOURCE PERMITS	PERMIT	24887
	AIR NEW SOURCE PERMITS	PERMIT	30868
	AIR NEW SOURCE PERMITS	PERMIT	32324
	AIR NEW SOURCE PERMITS	PERMIT	32136
	AIR NEW SOURCE PERMITS	PERMIT	32629
	AIR NEW SOURCE PERMITS	PERMIT	33899
	AIR NEW SOURCE PERMITS	PERMIT	34897
	AIR NEW SOURCE PERMITS	PERMIT	42948

AIR NEW SOURCE PERMITS	PERMIT	45332
AIR NEW SOURCE PERMITS	PERMIT	47487
AIR NEW SOURCE PERMITS	PERMIT	50141
AIR NEW SOURCE PERMITS	PERMIT	50142
AIR NEW SOURCE PERMITS	PERMIT	50165
AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0033B
AIR NEW SOURCE PERMITS	PERMIT	52720
AIR NEW SOURCE PERMITS	PERMIT	54098
AIR NEW SOURCE PERMITS	REGISTRATION	76017
AIR NEW SOURCE PERMITS	REGISTRATION	75881
AIR NEW SOURCE PERMITS	REGISTRATION	76313
AIR NEW SOURCE PERMITS	REGISTRATION	76277
AIR NEW SOURCE PERMITS	AFS NUM	4820100075
AIR NEW SOURCE PERMITS	REGISTRATION	56137
AIR NEW SOURCE PERMITS	PERMIT	PSDTX991
AIR NEW SOURCE PERMITS	PERMIT	49120
AIR NEW SOURCE PERMITS	PERMIT	49130
AIR NEW SOURCE PERMITS	REGISTRATION	72713
AIR NEW SOURCE PERMITS	REGISTRATION	74110
AIR NEW SOURCE PERMITS	REGISTRATION	73859
AIR NEW SOURCE PERMITS	REGISTRATION	72948
AIR NEW SOURCE PERMITS	REGISTRATION	72946
AIR NEW SOURCE PERMITS	REGISTRATION	74051
AIR NEW SOURCE PERMITS	REGISTRATION	74563
AIR NEW SOURCE PERMITS	REGISTRATION	74181
AIR NEW SOURCE PERMITS	REGISTRATION	74944
AIR NEW SOURCE PERMITS	REGISTRATION	74949
AIR NEW SOURCE PERMITS	REGISTRATION	75322
AIR NEW SOURCE PERMITS	REGISTRATION	76778
AIR NEW SOURCE PERMITS	REGISTRATION	76791
AIR NEW SOURCE PERMITS	REGISTRATION	76651
AIR NEW SOURCE PERMITS	REGISTRATION	77318
AIR NEW SOURCE PERMITS	REGISTRATION	77619
AIR NEW SOURCE PERMITS	REGISTRATION	77640
AIR NEW SOURCE PERMITS	REGISTRATION	76693
AIR NEW SOURCE PERMITS	REGISTRATION	78024
AIR NEW SOURCE PERMITS	REGISTRATION	78069
AIR NEW SOURCE PERMITS	REGISTRATION	78128
AIR NEW SOURCE PERMITS	REGISTRATION	78108
AIR NEW SOURCE PERMITS	REGISTRATION	77631
AIR NEW SOURCE PERMITS	REGISTRATION	78278
AIR NEW SOURCE PERMITS	REGISTRATION	78343
AIR NEW SOURCE PERMITS	REGISTRATION	78191
AIR NEW SOURCE PERMITS	REGISTRATION	78252
AIR NEW SOURCE PERMITS	REGISTRATION	78560
AIR NEW SOURCE PERMITS	REGISTRATION	78173
AIR NEW SOURCE PERMITS	REGISTRATION	78197
AIR NEW SOURCE PERMITS	REGISTRATION	78772
AIR NEW SOURCE PERMITS	REGISTRATION	78381
AIR NEW SOURCE PERMITS	REGISTRATION	78819
AIR NEW SOURCE PERMITS	REGISTRATION	79261
AIR NEW SOURCE PERMITS	REGISTRATION	79431
AIR NEW SOURCE PERMITS	REGISTRATION	79460
AIR NEW SOURCE PERMITS	REGISTRATION	78599

AIR NEW SOURCE PERMITS	REGISTRATION	78978
AIR NEW SOURCE PERMITS	REGISTRATION	79892
AIR NEW SOURCE PERMITS	REGISTRATION	79647
AIR NEW SOURCE PERMITS	REGISTRATION	79712
AIR NEW SOURCE PERMITS	REGISTRATION	80296
AIR NEW SOURCE PERMITS	REGISTRATION	80137
AIR NEW SOURCE PERMITS	REGISTRATION	79938
AIR NEW SOURCE PERMITS	REGISTRATION	80914
AIR NEW SOURCE PERMITS	REGISTRATION	80689
AIR NEW SOURCE PERMITS	REGISTRATION	80597
AIR NEW SOURCE PERMITS	REGISTRATION	81543
AIR NEW SOURCE PERMITS	REGISTRATION	81190
AIR NEW SOURCE PERMITS	REGISTRATION	81189
AIR NEW SOURCE PERMITS	REGISTRATION	81759
AIR NEW SOURCE PERMITS	REGISTRATION	81636
AIR NEW SOURCE PERMITS	REGISTRATION	81630
AIR NEW SOURCE PERMITS	REGISTRATION	82226
AIR NEW SOURCE PERMITS	REGISTRATION	81716
AIR NEW SOURCE PERMITS	REGISTRATION	81930
AIR NEW SOURCE PERMITS	REGISTRATION	82538
AIR NEW SOURCE PERMITS	REGISTRATION	85128
AIR NEW SOURCE PERMITS	REGISTRATION	84818
AIR NEW SOURCE PERMITS	REGISTRATION	85442
AIR NEW SOURCE PERMITS	REGISTRATION	87006
AIR NEW SOURCE PERMITS	REGISTRATION	85303
AIR NEW SOURCE PERMITS	REGISTRATION	84079
AIR NEW SOURCE PERMITS	REGISTRATION	84091
AIR NEW SOURCE PERMITS	PERMIT	83799
AIR NEW SOURCE PERMITS	REGISTRATION	84183
AIR NEW SOURCE PERMITS	REGISTRATION	84715
AIR NEW SOURCE PERMITS	REGISTRATION	84149
AIR NEW SOURCE PERMITS	REGISTRATION	84502
AIR NEW SOURCE PERMITS	REGISTRATION	84076
AIR NEW SOURCE PERMITS	REGISTRATION	84651
AIR NEW SOURCE PERMITS	REGISTRATION	84381
AIR NEW SOURCE PERMITS	REGISTRATION	8530
AIR NEW SOURCE PERMITS	REGISTRATION	84541
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID	TXD058275769
INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)	30030
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50117
INDUSTRIAL AND HAZARDOUS WASTE STORAGE	PERMIT	50117
UNDERGROUND INJECTION CONTROL	PERMIT	WDW036
PUBLIC WATER SYSTEM/SUPPLY	REGISTRATION	1011578
WATER LICENSING	LICENSE	1011578
IHW CORRECTIVE ACTION	SOLID WASTE REGISTRATION # (SWR)	30030

Location: 8280 SHELDON RD, CHANNELVIEW, TX, 77530

TCEQ Region: REGION 12 - HOUSTON

Date Compliance History Prepared: February 19, 2009

Agency Decision Requiring Compliance History: Enforcement

Compliance Period: February 19, 2004 to February 19, 2009

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

Name: John Muennink Phone: (361) 825-3423

Site Compliance History Components

- | | |
|--|-----|
| 1. Has the site been in existence and/or operation for the full five year compliance period? | Yes |
| 2. Has there been a (known) change in ownership of the site during the compliance period? | No |
| 3. If Yes, who is the current owner? | N/A |
| 4. If Yes, who was/were the prior owner(s)? | N/A |
| 5. When did the change(s) in ownership occur? | N/A |
| 6. Rating Date: 9/1/2008 Repeat Violator: NO | |

Components (Multimedia) for the Site :

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

Effective Date: 12/02/2006

ADMINORDER 2006-0515-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Rqmt Prov: S.C. 1 PERMIT

Description: Failure to prevent the release of unauthorized emissions from an aboveground storage tank pressure safety valve.

Effective Date: 05/22/2008

ADMINORDER 2007-1230-AIR-E

Classification: Moderate

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

Rqmt Prov: Permit # 2128 SC 1 PA

Description: As evidenced by Findings of Fact No. 3, Equistar failed to prevent unauthorized emissions during an April 4, 2007 emissions event, in violation of Air Permit No. 2128, Special Condition No. 1, 30 TEX. ADMIN. CODE § 116.115(c), and TEX. HEALTH & SAFETY CODE § 382.085(b). Since these emissions were avoidable, the demonstrations in 30 TEX. ADMIN. CODE § 101.222 necessary to present an affirmative defense were not met.

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: TCEQ Air Permit #2933, SC#1 PA

Description: As evidenced by Findings of Fact No. 4, Equistar failed to prevent unauthorized emissions during a January 8, 2007 emissions event, in violation of Air Permit No. 2933, Special Condition No. 1, 30 TEX. ADMIN. CODE §§ 115.722(c)(1) and 116.115(c), and TEX. HEALTH & SAFETY CODE § 382.085(b). Since these emissions were unauthorized, the demonstrations in 30 TEX. ADMIN. CODE § 101.222 necessary to present an affirmative defense were not met.

Effective Date: 06/19/2008

ADMINORDER 2007-0493-AIR-E

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)

Rqmt Prov: FOP O-02177 SC 10 OP

FOP O-02177 SC 1A OP

NSR 22779 SC 8(E) PA

Description: Failed to cap 4 open-ended lines.

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)

Rqmt Prov: FOP O-02177 SC 10 OP
FOP O-02177 SC 1A OP
NSR 22779 SC 6(A) PA

Description: Failed to operate flare within required heat input of 300 Btu/scf.

Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.726(d)(3)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: FOP O-02177 SC 1.J(ii) OP

Description: Failed to report corrective actions within the required time frame.

Classification: Moderate

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)

Rqmt Prov: FOP O-01277 SC 1.J(ii) OP

Description: Failed to calibrate the Poly Butadiene unit flare analyzer.

Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.121
5C THC Chapter 382, SubChapter D 382.085(b)
5C THSC Chapter 382 382.054

Description: Failed to obtain authorization for emissions sources and their associated emissions prior to operation.

Classification: Moderate

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

Rqmt Prov: FOP O-02177 SC 10 OP
NSR 49120 SC 1 PA

Description: Failed to comply with permitted emissions limits.

Classification: Moderate

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

Rqmt Prov: FOP O-02177 SC 1A OP

Description: Failed to maintain sufficient records to demonstrate continuous compliance with VOC water separator exemption criteria.

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)

Rqmt Prov: FOP O-02177 SC 10 OP
FOP O-02177 SC 1A OP
NSR 22779 SC 8(l) PA

Description: The Respondent failed to repair a leaking valve during a scheduled shutdown.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.127(b)(2)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: FOP O-02181 SC 1A OP

Description: Failed to use a continuous monitoring recorder on the Methanol Skid (ECULR2MEOH).

Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter C 115.244
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: FOP O-02181 SC 6C(iv) OP

Description: Failed to perform daily inspections of the fuel dispensing facilities.

Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter C 115.212(a)(3)(A)(ii)

30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: FOP O-02181 SC 6B(ii) OP
FOP O-02181 SC1A OP
Description: Failed to provide proper emissions control for waste material.
Classification: Moderate
Citation: 30 TAC Chapter 117, SubChapter B 117.206(i)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: FOP O-02181 SC 7A OP
FOP O-02181 SC1A OP
Description: Failed to comply with restrictions on engine operating hours in an ozone nonattainment area.
Classification: Minor
Citation: 30 TAC Chapter 117, SubChapter B 117.219(f)(10)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: FOP O-02181 SC 1A OP
FOP O-02181 SC 7E OP
Description: Failure to record the start and stop times of diesel pump.
Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B 115.144(4)(A)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: FOP O-02181 SC 1A OP
Description: Failed to demonstrate VOC reduction efficiency for the ECUABEAST bio-treatment unit.
Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(1)
5C THC Chapter 382, SubChapter D 382.085(b)
Description: Failed to timely conduct flare analyzer calibrations.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(2).
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.10(d)(5)(l)
5C THC Chapter 382, SubChapter D 382.085(b)
Description: Failed to comply with the requirements of malfunction reporting for the wastewater steam stripper (EUTT8802).
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
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)
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 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: FOP O-02181 SC 1A OP
FOP O-02181 SC 22 OP
NSR 2128 SC 8(E) PA
Description: Failed to equip open ended lines with a cap, blind flange, plug, or a second valve.
Classification: Minor
Citation: 30 TAC Chapter 122, SubChapter B 122.132(a)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: General Terms and Conditions OP
Description: Failed to include PBR claims in a FOP.
Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B 115.112(a)(3)
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)
Rqmt Prov: FOP O-02178 SC 10 OP
FOP O-02178 SC 1A OP
NSR 24677 SC 1 PA
Description: Exceeded permitted emissions limits from tank TK-2810.
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)
 Rqmt Prov: FOP O-02178 SC 10 OP
 NSR 24677 SC 11F PA
 NSR 24677 SC 13 PA

Description: Failed to install rupture disc and pressure gauges on three safety relief valves (EPM F28E00) in the Styrene Maleic Anhydride unit.

Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter B 116.116(b)(1)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: STC 10 OP

Description: Failed to accurately represent operating temperatures for tote EPN 28E37 in the permit representations.

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)

Rqmt Prov: FOP -02178 SC 10 OP
 NSR 24677 SC 9C PA

Description: Failed to perform closed loop cumene sampling.

Classification: Minor
 Citation: 30 TAC Chapter 117, SubChapter B 117.213(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: FOP O-02178 SC 1A OP

Description: Failed to maintain continuous records of fuel flow for Heater MSMHT2801B.

Classification: Minor
 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)

Rqmt Prov: FOP O-02178 SC 3 OP

Description: Failed to prevent visible emissions from Dust Collector EPN28E29.

See addendum for information regarding federal actions (EPA Case No. 06-2004-3409, effective 1/26/2008).

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

N/A

C. Chronic excessive emissions events.

N/A

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

1	02/24/2004	(294639)
2	03/15/2004	(255945)
3	03/22/2004	(294642)
4	03/23/2004	(263154)
5	03/23/2004	(263160)
6	03/23/2004	(263194)
7	03/23/2004	(263250)
8	03/24/2004	(256278)
9	04/14/2004	(264758)
10	04/15/2004	(453160)
11	04/23/2004	(294643)
12	05/19/2004	(270464)
13	05/24/2004	(294645)
14	06/08/2004	(270126)
15	06/21/2004	(294647)
16	06/30/2004	(271411)
17	06/30/2004	(273943)
18	06/30/2004	(274359)
19	06/30/2004	(274423)

20	07/09/2004	(278834)
21	07/13/2004	(260492)
22	07/19/2004	(260586)
23	07/25/2004	(351828)
24	07/29/2004	(263469)
25	08/04/2004	(280108)
26	08/04/2004	(280174)
27	08/11/2004	(284585)
28	08/13/2004	(277268)
29	08/23/2004	(259476)
30	08/24/2004	(351829)
31	08/27/2004	(265746)
32	08/27/2004	(265803)
33	08/27/2004	(266244)
34	08/27/2004	(269133)
35	08/29/2004	(268291)
36	08/31/2004	(271963)
37	08/31/2004	(272796)
38	08/31/2004	(274451)
39	08/31/2004	(276264)
40	09/01/2004	(286398)
41	09/01/2004	(289083)
42	09/01/2004	(289240)
43	09/10/2004	(273388)
44	09/16/2004	(263553)
45	09/23/2004	(351830)
46	10/25/2004	(351831)
47	10/25/2004	(351833)
48	11/01/2004	(285942)
49	11/03/2004	(334297)
50	11/05/2004	(334308)
51	11/05/2004	(334310)
52	11/05/2004	(334314)
53	11/11/2004	(292333)
54	11/11/2004	(292452)
55	11/14/2004	(275792)
56	11/22/2004	(293289)
57	11/22/2004	(339105)
58	11/22/2004	(339107)
59	11/23/2004	(334387)
60	11/23/2004	(334429)
61	11/23/2004	(351832)
62	11/29/2004	(274800)
63	12/06/2004	(275639)
64	12/06/2004	(341908)
65	12/09/2004	(343543)
66	12/14/2004	(339112)
67	12/15/2004	(339111)
68	12/27/2004	(276826)
69	12/27/2004	(381708)
70	12/28/2004	(343601)
71	01/03/2005	(286756)
72	01/03/2005	(339113)
73	01/04/2005	(339104)
74	01/05/2005	(339108)
75	01/07/2005	(339103)
76	01/10/2005	(343232)
77	01/12/2005	(346553)
78	01/18/2005	(336265)

79	02/10/2005	(337111)
80	02/10/2005	(349111)
81	02/10/2005	(349267)
82	02/10/2005	(349316)
83	02/10/2005	(349636)
84	02/11/2005	(336418)
85	02/11/2005	(336433)
86	02/11/2005	(336438)
87	02/17/2005	(343594)
88	02/23/2005	(381706)
89	02/25/2005	(345588)
90	03/03/2005	(339106)
91	03/22/2005	(381707)
92	03/28/2005	(375212)
93	03/28/2005	(375220)
94	03/28/2005	(375234)
95	03/31/2005	(373125)
96	04/06/2005	(375076)
97	04/18/2005	(375016)
98	04/20/2005	(372583)
99	04/20/2005	(376147)
100	04/22/2005	(346277)
101	04/25/2005	(377509)
102	05/03/2005	(419501)
103	05/24/2005	(419502)
104	06/14/2005	(393497)
105	06/21/2005	(419503)
106	06/22/2005	(381407)
107	06/22/2005	(392621)
108	06/23/2005	(378454)
109	06/23/2005	(378466)
110	07/15/2005	(395098)
111	07/18/2005	(392902)
112	07/22/2005	(381313)
113	07/22/2005	(392487)
114	07/22/2005	(392651)
115	07/22/2005	(394428)
116	07/25/2005	(440656)
117	07/26/2005	(399215)
118	08/05/2005	(381400)
119	08/05/2005	(392610)
120	08/05/2005	(393207)
121	08/11/2005	(404321)
122	08/11/2005	(404342)
123	08/11/2005	(404367)
124	08/11/2005	(404370)
125	08/12/2005	(399221)
126	08/15/2005	(404957)
127	08/23/2005	(440657)
128	08/24/2005	(406415)
129	08/26/2005	(372787)
130	08/29/2005	(406161)
131	09/13/2005	(431694)
132	10/24/2005	(440658)
133	10/26/2005	(440659)
134	11/15/2005	(434603)
135	11/18/2005	(437299)
136	11/22/2005	(468155)
137	11/28/2005	(468154)

138	12/01/2005	(435325)
139	12/08/2005	(434728)
140	12/19/2005	(438915)
141	12/21/2005	(468156)
142	02/15/2006	(455481)
143	02/22/2006	(450109)
144	02/24/2006	(451477)
145	02/27/2006	(468153)
146	02/28/2006	(451452)
147	02/28/2006	(451480)
148	02/28/2006	(451483)
149	02/28/2006	(451494)
150	02/28/2006	(451788)
151	03/13/2006	(454890)
152	03/23/2006	(498017)
153	03/24/2006	(457373)
154	03/28/2006	(453139)
155	03/29/2006	(459500)
156	03/31/2006	(455940)
157	04/24/2006	(498018)
158	04/28/2006	(462755)
159	05/16/2006	(463873)
160	05/23/2006	(466508)
161	05/23/2006	(498019)
162	05/24/2006	(465260)
163	05/31/2006	(480405)
164	05/31/2006	(480422)
165	05/31/2006	(480427)
166	05/31/2006	(480433)
167	05/31/2006	(480441)
168	05/31/2006	(480444)
169	06/21/2006	(498020)
170	06/26/2006	(464019)
171	06/30/2006	(483427)
172	07/07/2006	(484895)
173	07/17/2006	(460500)
174	07/17/2006	(464664)
175	07/19/2006	(480415)
176	07/20/2006	(486401)
177	07/24/2006	(520033)
178	07/28/2006	(484749)
179	08/04/2006	(339110)
180	08/15/2006	(481194)
181	08/15/2006	(482128)
182	08/15/2006	(489890)
183	08/16/2006	(457265)
184	08/21/2006	(520034)
185	09/01/2006	(510768)
186	09/05/2006	(486742)
187	09/25/2006	(520035)
188	10/04/2006	(488324)
189	10/24/2006	(544282)
190	11/21/2006	(516667)
191	11/27/2006	(544283)
192	11/30/2006	(531615)
193	12/11/2006	(519152)
194	12/19/2006	(544284)
195	12/29/2006	(535494)
196	01/23/2007	(544285)

197	01/30/2007	(538091)
198	01/31/2007	(517108)
199	01/31/2007	(537091)
200	01/31/2007	(537099)
201	01/31/2007	(537102)
202	02/08/2007	(538420)
203	02/22/2007	(485046)
204	02/22/2007	(574936)
205	02/27/2007	(532597)
206	03/21/2007	(532595)
207	03/23/2007	(574937)
208	04/05/2007	(532607)
209	04/10/2007	(532608)
210	04/12/2007	(541831)
211	04/12/2007	(554839)
212	04/18/2007	(593172)
213	04/23/2007	(539454)
214	04/23/2007	(574938)
215	05/23/2007	(574939)
216	06/25/2007	(574940)
217	06/27/2007	(560042)
218	07/18/2007	(556815)
219	07/18/2007	(566602)
220	07/24/2007	(567353)
221	07/28/2007	(574941)
222	07/30/2007	(543338)
223	08/03/2007	(543345)
224	08/06/2007	(568530)
225	08/06/2007	(568542)
226	08/06/2007	(607498)
227	08/09/2007	(562982)
228	08/09/2007	(563012)
229	08/10/2007	(562990)
230	08/10/2007	(563023)
231	08/10/2007	(564946)
232	08/20/2007	(564294)
233	08/20/2007	(564331)
234	08/20/2007	(564360)
235	08/22/2007	(607499)
236	08/23/2007	(571675)
237	08/24/2007	(543303)
238	08/24/2007	(543306)
239	09/24/2007	(607500)
240	09/28/2007	(563816)
241	09/28/2007	(564856)
242	09/28/2007	(564932)
243	09/28/2007	(566320)
244	10/04/2007	(565773)
245	10/10/2007	(565969)
246	10/10/2007	(566558)
247	10/10/2007	(566616)
248	10/12/2007	(571938)
249	10/12/2007	(572220)
250	10/12/2007	(572252)
251	10/12/2007	(572267)
252	10/12/2007	(572362)
253	10/12/2007	(572404)
254	10/15/2007	(572176)
255	10/16/2007	(593759)

256	10/23/2007	(619405)
257	11/19/2007	(594272)
258	11/19/2007	(619406)
259	11/26/2007	(570252)
260	11/26/2007	(570313)
261	11/26/2007	(570316)
262	11/26/2007	(570346)
263	11/26/2007	(570400)
264	11/28/2007	(596225)
265	12/07/2007	(568047)
266	12/07/2007	(568066)
267	12/07/2007	(568076)
268	12/07/2007	(568153)
269	12/07/2007	(568347)
270	12/07/2007	(568368)
271	12/17/2007	(608808)
272	12/27/2007	(619407)
273	01/02/2008	(595848)
274	01/02/2008	(599541)
275	01/03/2008	(599518)
276	01/03/2008	(599950)
277	01/08/2008	(600740)
278	01/10/2008	(600765)
279	01/10/2008	(613652)
280	01/22/2008	(671912)
281	01/23/2008	(614499)
282	01/25/2008	(615980)
283	01/28/2008	(615871)
284	01/28/2008	(616242)
285	01/29/2008	(610831)
286	02/15/2008	(615597)
287	02/25/2008	(671910)
288	03/06/2008	(596061)
289	03/06/2008	(610691)
290	03/19/2008	(616201)
291	03/19/2008	(616236)
292	03/19/2008	(616259)
293	03/20/2008	(671911)
294	03/26/2008	(637649)
295	03/27/2008	(611770)
296	04/04/2008	(610663)
297	04/22/2008	(689830)
298	04/24/2008	(637133)
299	04/29/2008	(641446)
300	05/02/2008	(610690)
301	05/06/2008	(638391)
302	05/06/2008	(638445)
303	05/06/2008	(638471)
304	05/08/2008	(638556)
305	05/16/2008	(639245)
306	05/16/2008	(639472)
307	05/22/2008	(689831)
308	05/23/2008	(639094)
309	06/06/2008	(682324)
310	06/16/2008	(610615)
311	06/17/2008	(636281)
312	06/24/2008	(689832)
313	07/03/2008	(636094)
314	07/03/2008	(681436)

315	07/07/2008	(654572)
316	07/09/2008	(683399)
317	07/10/2008	(685750)
318	07/18/2008	(681438)
319	07/22/2008	(710592)
320	07/30/2008	(687221)
321	08/01/2008	(681437)
322	08/11/2008	(610620)
323	08/11/2008	(637040)
324	08/13/2008	(682388)
325	08/15/2008	(689619)
326	08/25/2008	(710593)
327	08/27/2008	(638212)
328	08/29/2008	(681367)
329	09/08/2008	(681362)
330	10/13/2008	(704398)
331	10/15/2008	(686481)
332	10/15/2008	(686491)
333	10/17/2008	(679974)
334	10/17/2008	(680354)
335	10/22/2008	(682983)
336	10/22/2008	(727384)
337	10/23/2008	(680427)
338	10/23/2008	(681178)
339	10/27/2008	(687534)
340	10/28/2008	(685998)
341	10/29/2008	(686367)
342	10/29/2008	(686377)
343	10/29/2008	(686382)
344	10/29/2008	(687350)
345	10/29/2008	(705305)
346	10/31/2008	(686446)
347	11/07/2008	(701030)
348	11/20/2008	(704732)
349	11/20/2008	(704907)
350	11/21/2008	(706552)
351	11/24/2008	(654539)
352	11/24/2008	(727385)
353	11/25/2008	(707993)
354	12/04/2008	(700744)
355	12/04/2008	(702100)
356	12/05/2008	(654812)
357	12/05/2008	(654846)
358	12/05/2008	(654874)
359	12/05/2008	(707275)
360	12/11/2008	(683007)
361	12/15/2008	(686398)
362	12/15/2008	(686403)
363	12/15/2008	(686411)
364	12/15/2008	(686444)
365	12/15/2008	(686496)
366	12/15/2008	(686500)
367	12/15/2008	(686508)
368	12/16/2008	(710038)
369	12/17/2008	(685609)
370	12/17/2008	(710007)
371	12/22/2008	(727386)
372	01/09/2009	(721591)
373	01/16/2009	(709781)

374 01/16/2009 (721214)
 375 02/03/2009 (722705)
 376 02/10/2009 (726755)
 377 02/12/2009 (683026)
 378 02/13/2009 (657092)
 379 02/16/2009 (724818)
 380 02/16/2009 (725983)
 381 02/16/2009 (726007)
 382 02/16/2009 (726040)
 383 02/16/2009 (726571)
 384 02/16/2009 (726949)
 385 02/17/2009 (726783)
 386 02/18/2009 (616840)

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

Date: 02/29/2004 (294642)
 Self Report? YES Classification: Moderate
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
 TWC Chapter 26 26.121(a)
 Description: Failure to meet the limit for one or more permit parameter

Date: 07/13/2004 (260492)
 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 #1768, SC #1 PERMIT
 Description: Exceeded VOC emissions limits during an avoidable emissions event.

Date: 07/19/2004 (260586)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(4)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Description: Failed to identify the facility name in an emissions event notification.
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 101, SubChapter F 101.201(g)
 Description: Equistar failed to submit an electronic final emissions event notification.

Date: 07/28/2004 (259476)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Description: Exceeded permit limits during an avoidable emissions event.

Date: 08/11/2004 (263553)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(G)
 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Description: Failed to speciate VOC in the Initial Notification and Final Report submitted for an avoidable emissions event.

Date: 08/27/2004 (265746)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(D)
 30 TAC Chapter 101, SubChapter F 101.201(b)(4)
 Description: Equistar failed to properly complete and submit an emissions event notification.
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Description: Equistar exceeded permit limits during an avoidable emissions event.

Date: 08/29/2004 (268291)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Equistar exceeded VOC permit limit.

Date: 08/31/2004 (272796)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(H)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Failed to submit administratively complete emissions event notifications.

Date: 08/31/2004 (271963)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.211(a)(1)(F)
30 TAC Chapter 101, SubChapter F 101.211(b)(5),
30 TAC Chapter 116, SubChapter B 116.115(c)
Description: Equistar was not in compliance with the maintenance, startup, and shutdown rules.

Date: 10/31/2004 (351832)
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: 12/27/2004 (276826)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)
5C THC Chapter 382, SubChapter A 382.085(b)
TCEQ Air Permit No. 2933, GC #8 PERMIT
Description: Exceeded permit limits during an avoidable emissions event.

Date: 01/03/2005 (286756)
Self Report? NO Classification: Moderate
Citation: 22779 PERMIT
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Equistar failed to prevent an avoidable emissions event.

Date: 01/04/2005 (339104)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: Equistar failed to prevent an avoidable emissions event.

Date: 01/10/2005 (343232)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 290, SubChapter D 290.45(d)(2)(B)(II)
Description: Failure to provide an adequate ground storage capacity.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 290, SubChapter D 290.45(d)(2)(B)(v)
Description: Failure to provide a minimum pressure tank capacity of 220 gallons.

Date: 04/20/2005 (372583)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(g)
Description: Equistar failed to submit the Final Report electronically.
Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Permit No. 22779, Special Condition No.1 PERMIT
Description: Equistar failed to prevent an avoidable emissions event.

Date: 08/05/2005 (381400)

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 117, SubChapter E 117.520(c)(2)(A)(ii)(II)
Description: Failure to test within 60 days following installation of NOx control equipment on furnace 3403.

Date: 08/05/2005 (393207)

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 117, SubChapter E 117.520(c)(2)(A)(ii)(II)
Description: Failure to test within 60 days following installation of NOx control equipment on Furnace 4406.

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 117, SubChapter E 117.520(c)(2)(A)(ii)(II)
Description: Failure to test within 60 days following installation of NOx control equipment on F4410.

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 117, SubChapter E 117.520(c)(2)(A)(ii)(II)
Description: Failure to test within 60 days following installation of NOx control equipment on Furnace 4401.

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 117, SubChapter E 117.520(c)(2)(A)(ii)(II)
Description: Failure to test within 60 days following installation of NOx control equipment on Furnace 3401.

Date: 08/05/2005 (392610)

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 117, SubChapter E 117.520(c)(2)(A)(ii)(II)
Description: Failure to test within 60 days following installation of NOx control equipment on Furnace 4404.

Date: 08/10/2005 (404514)

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)
5C THC Chapter 382, SubChapter A 382.085(b)
TCEQ Permit #2128, GC #8 PERMIT
Description: Failure to prevent a leak in Tower T-301.

Date: 09/13/2005 (431694)

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 290, SubChapter D 290.45(d)(2)(B)(ii)
Description: Failure to provide an adequate ground storage capacity.

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 290, SubChapter D 290.45(d)(2)(B)(v)
Description: Failure to provide a minimum pressure tank capacity of 220 gallons.

Date: 11/18/2005 (437299)

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
3130A, SC No. 4 PERMIT
O02179, ST&C No. 10 OP

Description: Failure to operate within pumping rates of Polyols(KOH) and (IMPACT).

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 117, SubChapter B 117.213(a)
Description: Failure to install the totalizing fuel flow meter on EGBVC6904.

Date: 12/08/2005 (434728)

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 122, SubChapter C 122.222(k)(3)
Description: Failure to submit the off-permit notification for claiming the permit by rule for flare emissions.

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 106, SubChapter K 106.261(a)(6)

Description: Failure to register the PBR within 10 of increase in flare emissions.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 115, SubChapter D 115.352
30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-1(a)
49130, S.C. No.5 PERMIT
O-02180, S.C No.1A OP

Description: Failure to follow the fugitive monitoring for 172 valves and 5 pumps in the Isopropanol Unit

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)
30 TAC Chapter 122, SubChapter B 122.143(4)
O-02180, SC. 1.A OP

Description: Failure to have required information on tags attached to visual fugitive leaks

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
49130, SC 5.E PERMIT
O-02180, SC 1.A OP

Description: Failure to cap or plug the five open-ended lines in VOC service

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
49130, S.C 7 PERMIT
O-02180, S.C 11 OP

Description: Failure to follow the procedure described in Appendix P, Section 5.5.1 for monitoring the cooling tower (CT-2401) as required by the permit condition

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.145(2)(A)

Description: Failure to report the deviations regarding the cooling tower monitoring in the deviation reports

Date: 12/19/2005 (438915)

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter C 122.210(a)

Description: Failure to submit the federal operating permit (O-02177) minor revision application concurrent with the permit amendment issued on July 26, 2005 and permit by rules claimed in 1997 and 2002.

Self Report? NO Classification: Moderate
Citation: 22779, SC 1 PERMIT
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
O-02177, STC 10 OP

Description: Failure to operate tanks and loading arms within maximum allowable emission rates as permitted in the NSR permit 22779.

Self Report? NO Classification: Moderate
Citation: 22779, SC 8 PERMIT
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
O-02177, STC 10 OP

Description: Failure to initiate the fugitive monitoring for 22 valves and 3 pumps in the Polybutadiene Unit.

Self Report? NO Classification: Moderate
Citation: 22779, SC 8.E PERMIT
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)

O-02177, STC 10 OP
Description: Failure to cap or plug the five open-ended lines in VOC service

Date: 12/31/2005 (440659)
Self Report? YES Classification: Moderate
Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
TWC Chapter 26 26.121(a)
Description: Failure to meet the limit for one or more permit parameter

Date: 02/22/2006 (450109)
Self Report? NO Classification: Moderate
Citation: 24887 SC1.E PERMIT
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
O02176, SC 15 OP
Description: Failure to cap or plug the eighty five (85) open-ended lines in VOC service
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(4)
30 TAC Chapter 122, SubChapter C 122.222(k)(3)
Description: Failure to register the PBRs 106.261 and 106.262 within 10 days of addition of a flare analyzer and failure to make off-permit notification concurrently.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.142(b)(2)(B)
Description: Failure to represent the several sources that are subject to 30 TAC 111 rules in the Title V Operating Permit.
Self Report? NO Classification: Moderate
Citation: 24887, SC 1 PERMIT
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
O02176, SC 15 OP
Description: Failure to include 19 valves and 39 connectors associated with sample systems and failure to include 5 pumps, 38 valves, 104 connectors, and 4 sample points in the fugitive monitoring database.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B 115.142
30 TAC Chapter 122, SubChapter B 122.143(4)
O02176, SC 5 OP
Description: Failure to control the wastewater streams as required by 30 TAC 115.142.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.113b(b)(5)
O02176, SC 1.A OP
Description: Failure to make the tank seal inspection notification 30 days in advance.

Date: 02/28/2006 (451788)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
NSR Permit No. 8125, SC 6E PA
Description: Failure to plug two open-ended-lines.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 117, SubChapter B 117.213(a)
Description: Failure to install fuel flow meter on Diesel Engine, P-3314.
Self Report? NO Classification: Minor
Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.182(d)
Description: Failure to include compressor information in the HON Subpart H Semiannual report.
Self Report? NO Classification: Minor
Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.181(a)
Description: Failure to maintain appropriate records of 220 connectors, 6 instrument systems, 4 PSVs, 2 pumps, and 101 valves.

Date: 03/24/2006 (457373)

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 290, SubChapter D 290.45(d)(2)(B)(ii)
Description: Failure to provide an adequate ground storage capacity.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 290, SubChapter D 290.45(d)(2)(B)(v)
Description: Failure to provide a minimum pressure tank capacity of 220 gallons.

Date: 03/28/2006 (453139)

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
NSR Permit No 2936, SC 10E PA
O-02182 Special Terms and Condition 15 OP

Description: Failed to plug 20 open-ended lines.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter C 122.222(k)(2)
5C THC Chapter 382, SubChapter A 382.085(b)
O-02181 General Terms and Condition OP

Description: The facility failed to register two tanks and one cooling tower within ten (10) days of change as required during August 19, 2004 through November 22, 2004.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.182(d)
5C THC Chapter 382, SubChapter A 382.085(b)
O-02182 General Terms and Condition OP

Description: Failure to include compressor information in the HON Subpart H semiannual report for the reporting period from February 28, 2005 through August 19, 2005.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(2)(C)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(b)
5C THC Chapter 382, SubChapter A 382.085(b)
Special Condition No. 10F PA
Special Terms and Condition 15 OP

Description: failure to monitor 59 valves that were marked as unsafe to monitor during the third quarter of 2004 from August 19, 2004 through September 30, 2004.

Self Report? NO Classification: Minor

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

Description: failure to put identification number for the leaking fugitive valves during August 19, 2004 through August 19, 2005.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Special Terms and Condition 15 OP

Description: failure to include 89 connectors, 27 valves, and 19 pumps in the fugitive monitoring program during the third quarter of 2004 from August 19, 2004 through September 30, 2004.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)
General Terms and Condition OP

Description: failure to obtain a permit by rule (PBR) for the emission point no. SP-4010.

Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THC Chapter 382, SubChapter A 382.085(b)
 General Terms and Conditions OP
 Description: failure to seal the external floating roof tank, TK-3112. The gasket on the rim vent was missing.

Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THC Chapter 382, SubChapter A 382.085(b)
 SC No 1 of NSR Permit No. 2936. PA
 Special Terms and Conditions 15 OP
 Description: failure to obtain appropriate authorization for storing hydrocarbons for the tanks, TK-3113 and TK-3114.

Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Special Condition 1 PA
 Special Terms and Condition 15 OP
 Description: failure to comply with the pounds per hour of VOC emission limit for tank No. TK-4002 of TCEQ Air Permit 2936.

Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(1)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THC Chapter 382, SubChapter A 382.085(b)
 General Terms and Conditions OP
 Description: failure to obtain a permit by rule (PBR) for the analyzer vent.

Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 122, SubChapter B 122.132(a)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Description: Failure to include all the emission authorizations for the cooling tower were not represented in the title V permit.

Date: 03/29/2006 (459500)
 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 Permit No. 2128 PERMIT
 Description: Failure to prevent the release of unauthorized emissions from a railroad tank car PSV.

Date: 03/31/2006 (455940)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 122, SubChapter B 122.142(b)(2)
 5C THC Chapter 382, SubChapter D 382.085(b)
 Description: Failure to represent the two sources that are subject to 30 TAC 111 rules in the Title V Operating Permit O-02175.

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)
 6245, SC 1 PERMIT
 O02175, STC 10 OP
 Description: Failure to operate tanks (TK30 & TK31) within maximum allowable emission rates as permitted in the NSR permit 6245.

Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
 30 TAC Chapter 115, SubChapter D 115.352(4)
 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
 5C THC Chapter 382, SubChapter D 382.085(b)
 6245, SC 7.E PERMIT
 O02175, STC 10 OP
 O02175, STC 1A OP

Description: Failure to cap or plug the thirty-eight (38) open-ended lines in VOC service (C5 recovery unit).

Self Report? NO **Classification:** Minor

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-5(a)
5C THC Chapter 382, SubChapter D 382.085(b)
O02175, STC 1A OP

Description: Failure to equip the dimer drum feed sampling connection system with closed loop.

Self Report? NO **Classification:** Minor

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 115, SubChapter D 115.354(5)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.486(b)(1)
5C THC Chapter 382, SubChapter D 382.085(b)
O02175, STC 1A OP

Description: Failure to have required information on tags attached to visual fugitive leaks

Self Report? NO **Classification:** Minor

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 115, SubChapter D 115.352
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 60.482-1(a)
5C THC Chapter 382, SubChapter D 382.085(b)
6245, SC 7 PERMIT
O02175, STC 10 OP
O02175, STC 1A OP

Description: Failure to include 2 pumps, 32 valves, and 103 connectors in the C5 recovery unit in fugitive monitoring database.

Date: 05/16/2006 (463873)

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 Permit No. 2128 PERMIT

Description: Failure to prevent the release of unauthorized emissions from a leaking pipeline due to the removal of a blind.

Date: 05/24/2006 (465260)

Self Report? NO **Classification:** Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.142(b)(2)
5C THC Chapter 382, SubChapter D 382.085(b)

Description: Failure to correctly represent the HON storage vessel provisions, HON container provisions, and 30 TAC 111 rules in the Title V Operating Permit O-02185.

Self Report? NO **Classification:** Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.112(a)(2)(A)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Part 63, Subpart G 63.119(c)(2)(ii)
5C THC Chapter 382, SubChapter D 382.085(b)
O-02185, STC 16 OP
O-02185, STC 1A OP
Permit 6387, SC 2 PERMIT

Description: Failure to equip gasket on sample hatch cover and failure to have physical fasteners on float well cover on external floating roof tank (Tank 26).

Self Report? NO **Classification:** Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.112(a)(2)(A)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Part 63, Subpart G 63.119(b)(6)
6387, SC 2 PERMIT
O-02185, STC 16 OP
O-02185, STC 1A OP

Description: Failure to cover all the openings on internal floating roof tanks: Tank 37 and Tank

47 and failure to have physical fasteners on float well covers on internal floating roof tanks: Tank 37, 48, and 49.

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 Part 63, Subpart G 63.119(b)(1)
5C THC Chapter 382, SubChapter D 382.085(b)
6387, SC 2 PERMIT
O-02185, STC 1.A OP
O-02185, STC 16 OP

Description: Failure to keep the floating roof of Tank 47 always in contact with liquid surface during the regular operations.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)
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)
6387, SC 4.A PERMIT
O-02185, STC 16 OP

Description: Failure to obtain authorization for the emissions resulted from analyzer vents in the MTBE Unit

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
5C THC Chapter 382, SubChapter D 382.085(b)
6387, SC 2 PERMIT
O-02185, STC 1.A OP
O-02185, STC 16 OP

Description: Failure to cap or plug the sixty-one (61) open-ended lines in VOC service in MTBE Unit.

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter D 382.085(b)
O-02185, STC 1.A OP

Description: Failure to have required information on tags attached to visual fugitive leaks in the MTBE Unit.

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.168(a)
5C THC Chapter 382, SubChapter D 382.085(b)
6387, SC 5 PERMIT
O-02185, STC 1.A OP
O-02185, STC 16 OP

Description: Failure to include 2 valves in the MTBE Unit in fugitive monitoring database and comply with the fugitive monitoring requirements.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B 115.142
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter D 382.085(b)
O-02185, SC 5 OP

Description: Failure to control the one wastewater stream (T-1215) as required by 30 TAC 115.142 in MTBE Unit.

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.145(2)(C)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.120(b)(9)
6387, SC 2 PERMIT
O-02185, STC 1.A OP
O-02185, STC 16 OP

Description: Failure to make the tank seal inspection (Tank-26) notification 30 days in advance in MTBE Unit.

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)
6387, SC 2 PERMIT
O-02185, STC 1.A OP
O-02185, STC 16 OP
Description: Failure to comply with HON process wastewater provisions for two containers in MTBE Unit.

Date: 06/26/2006 (464019)

Self Report? NO Classification: Moderate
Citation: 00391-000 PERMIT
30 TAC Chapter 319, SubChapter A 319.7(a)
Description: Failure to document the sample collection time and the identify of the sample personnel for the Outfall 001
24 hour composite samples.

Date: 07/28/2006 (484749)

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter D 382.085(b)
No. 22779, Special Condition No. 1 PERMIT
Description: Equistar failed to prevent this emissions event

Date: 08/15/2006 (489890)

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 335, SubChapter A 335.6(c)
Description: Failure to update Notice of Registration

Date: 08/16/2006 (457265)

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter C 115.212(a)(1)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.135(e)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.152(b)
5C THC Chapter 382, SubChapter D 382.085(b)

Description: Failure to control emissions from drum D3075 and from tank TK20.

Self Report? NO Classification: Moderate
Citation: 2128, SC 10E PERMIT
30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
5C THC Chapter 382, SubChapter D 382.085(b)
O-02184, ST&C 18 OP
O-02184, ST&C 1A OP

Description: Failure to cap or plug 174 open ended lines in VOC service.

Self Report? NO Classification: Moderate
Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.6(e)(3)(i)
5C THC Chapter 382, SubChapter D 382.085(b)

Description: Failure to have a Startup/Shutdown/Malfunction plan to address visible emissions from east plant flare.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.163(b)
5C THC Chapter 382, SubChapter D 382.085(b)
O-02184, ST&C 1A OP

Description: Failure to conduct monthly monitoring on 4 HON pumps in January 2005.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.166(a)
5C THC Chapter 382, SubChapter D 382.085(b)

O-02184, ST&C 1A OP

Description: Failure to equip a sample point with a closed loop system on reactor effluent and T1204 overhead.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)
30 TAC Chapter 115, SubChapter H 115.782(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter D 382.085(b)
O-02184, ST&C 1H OP

Description: Failure to have identification numbers on the fugitive leak tags attached to 51 components.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(1)
30 TAC Chapter 122, SubChapter B 122.132(a)
5C THC Chapter 382, SubChapter D 382.085(b)

Description: Failure to authorize emissions from sampling in the tank farm.

Self Report? NO Classification: Moderate

Citation: 2128, SC 10 PERMIT
30 TAC Chapter 115, SubChapter D 115.352(1)
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-02184, ST&C 18 OP
O-02184, ST&C 1A OP

Description: Failure to include 16 pumps, 45 valves, and 292 connectors in the fugitive monitoring database.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.132(a)
5C THC Chapter 382, SubChapter D 382.085(b)

O-02184, ST&C 13 OP

Description: Failure to control emissions from 3 wastewater streams (D-78, D-3055, D-03102).

Date: 11/30/2006 (544284)

Self Report? YES Classification: Moderate

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

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

Date: 02/01/2007 (538420)

Self Report? NO Classification: Moderate

Citation: 2933 Special Condition 1 PERMIT
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to prevent process water collection system back-up.

Date: 03/31/2007 (574938)

Self Report? YES Classification: Moderate

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

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

Date: 04/11/2007 (532608)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.132(a)
5C THC Chapter 382, SubChapter D 382.085(b)

Description: Failure to include Polyols loading emissions in federal operating permit O-02179.

Date: 04/18/2007 (593172)

Self Report? NO Classification: Moderate

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

30 TAC Chapter 305, SubChapter F 305.125(17)
Description: NON-RPT VIOS FOR MONIT PER OR PIPE

Date: 07/24/2007 (567353)
Self Report? NO **Classification:** Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 5C THC Chapter 382, SubChapter D 382.085(b)
 No. 1768, Special Condition No. 1 PERMIT
Description: Equistar failed to prevent a hole in a 1/4 inch nipple off of the flow orifice of the charge gas compressor.

Date: 07/31/2007 (607499)
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: 07/31/2007 (543338)
Self Report? NO **Classification:** Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(2)
 5C THC Chapter 382, SubChapter D 382.085(b)
 FOP O-02175 SC 12 OP
 FOP O-02175 SC 1A OP
 NSR 6245 SC 7(E) PA
Description: Failure to equip lines in VOC service with caps/plugs from January 24 through December 6, 2006 (NSR 6245; FOP O-02175).

Self Report? NO **Classification:** Moderate
Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)
 30 TAC Chapter 115, SubChapter H 115.782(a)
 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THC Chapter 382, SubChapter D 382.085(b)
 FOP O-02175 SC 12 OP
 FOP O-02175 SC 1A OP
 NSR 6245 SC 7(H) PA
Description: Failure to equip leaking pumps in VOC and HRVOC service with the required tags from January 10 through May 8, 2006 (NSR 6245; FOP O-02175).

Self Report? NO **Classification:** Moderate
Citation: 30 TAC Chapter 115, SubChapter D 115.352(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 60.482-2(c)(1)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-8(c)
 5C THC Chapter 382, SubChapter D 382.085(b)
 FOP O-02175 SC 12 OP
 FOP O-02175 SC 1A OP
 NSR 6245 SC 7(I) PA
Description: Failure to repair pumps and connectors within the required time frames (NSR 6245; FOP O-02175).

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 60.487(c)(2)(iv)
 5C THC Chapter 382, SubChapter D 382.085(b)
 FOP O-02175 SC 1A OP
Description: Failure to submit an accurate semiannual report on August 29, 2006 for fugitive equipment leak components subject to NSPS subpart VV to indicate that leaking pumps were on delay of repair list (NSR 6245; FOP O-02175).

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 60.487(c)(2)(vii)
 5C THC Chapter 382, SubChapter D 382.085(b)

FOP O-02175 SC 1A OP
Description: Failure to submit an accurate semiannual report on August 29, 2006 for fugitive equipment leak components subject to NSPS subpart VV to indicate the reason that leaking pumps were on delay of repair list (NSR 6245; FOP O-02175).
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter D 115.352(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 60.482-1(a)
5C THC Chapter 382, SubChapter D 382.085(b)
FOP O-02175 SC 12 OP
FOP O-02175 SC 1A OP
NSR 6245 SC 7 PA
Description: Equistar failed to include 21 connectors and 8 valves in the C5 Recovery LDAR monitoring program (NSR 6245; FOP O-02175).

Date: 11/30/2007 (619407)
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: 03/06/2008 (610691)
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.112b(a)(1)(iv)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.351(a)(1)
5C THSC Chapter 382 382.085(b)
O-02180 Special Condition #1A OP

Description: Failure to have the required bolts on the float well gauges.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter H 115.725
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-02180 Special Condition #1J OP

Description: Failure to conduct the initial and quarterly multi-point calibrations.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter H 115.722(d)(2)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
49130 Special Condition #8A PERMIT
5C THSC Chapter 382 382.085(b)
O-02180 Special Condition #1(J) OP
O-02180 Special Condition #11 OP

Description: Failure to not exceed actual flare tip velocity.

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.112b(a)(1)(iv)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.112b(a)(1)(v)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.351(a)(1)
5C THSC Chapter 382 382.085(b)
O-02180 Special Condition #1A OP
Description: Failure to seal the tank's, MIPTK2615, vacuum vent that was found open during an annual inspection.

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 117, SubChapter B 117.206(l)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-02180 Special Condition #1(l) OP

Description: Failure to conduct engine testing during appropriate operating hours.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter H 115.722(d)(1)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)
O-02180 Special Condition #11 OP
O-02180 Special Condition #1J OP
Special Condition #8A PERMIT
Description: Velocity to the flare, MIPFL2501, was exceeded during the process of activating the reactor catalyst during nine one hour periods.

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 Part 60, Subpart VV 60.482-6
49130 Special Condition #5E PERMIT
5C THSC Chapter 382 382.085(b)
O-02180 Special Condition #11 OP
O-02180 Special Condition #1A OP
O-02180 Special Condition #1J OP

Description: Failure to prevent one open-ended line found in VOC service.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.722(d)(1)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
49130 Special Condition #8A PERMIT
5C THSC Chapter 382 382.085(b)
O-02180 Special Condition #11 OP
O-02180 Special Condition #1J OP

Description: Permit limits to the flare, MIPFL2501, were exceeded due to incorrect factor used in permit calculation.

Date: 03/07/2008 (596061)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
FOP O-02179 SC 10 OP
NSR Permit 3130A SC 8E PA

Description: Failed to seal an open ended line.

Date: 03/27/2008 (611770)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter F 335.152(a)(8)
40 CFR Chapter 264, SubChapter I, PT 264, SubPT J 264.191(a)
PP II-C-2-h PERMIT

Description: Tank system assessment and certification was not adequate.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter F 335.152(a)(8)
40 CFR Chapter 264, SubChapter I, PT 264, SubPT J 264.193(e)(1)(iii)
PP-II-C-2-h PERMIT

Description: Coating for the secondary containment showed visible cracks.

Date: 03/31/2008 (689830)

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: 04/04/2008 (610663)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.119(b)(6)
5C THSC Chapter 382 382.085(b)
Special Condition (SC) #1A OP

Description: Failure to have bolts or fasteners on the float well gauge of Tanks 3102, 3111A, 3111B, and 3113 from August 20, 2006 through February 19, 2007 and February 20, 2007 through August 19, 2007.

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter B 115.112(a)(2)(A)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
SC #1A OP

Description: Failure to have tank 3114's piping on the existing internal ladder way closed to the liquid from April 18, 2007 through July 27, 2007.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.119(b)(1)
5C THSC Chapter 382 382.085(b)
SC #1 PERMIT
SC #s 1 and 15 OP

Description: Failure to have Tank 3102 floating roof set on the roof legs on August 23, 2006. This constitutes a violation of New Source Review (NSR) Permit #2936, Special Condition (SC) #1 and 40 CFR 63.119(b)(1). (B19(g)(1))

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter H 115.767(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
SC #1K(lv) OP

Description: Failure to have cooling tower differential pressure fall below 5 psig for one minute on October 7, 2006. (B19(g)(1))

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)
5C THSC Chapter 382 382.085(b)
SC #1A OP
SC #8E PERMIT

Description: Failure to have an open ended line in volatile organic compound (VOC) service on February 9, 2007. This constitutes a violation of NSR Permit #2936, SC #10, 30 TAC 115.352(4), and 40 CFR 63.167(a)(1). (C10)

Date: 05/02/2008 (610690)

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 117, SubChapter B 117.203(a)(12)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-02181 Special Condition #1A OP

Description: Failure to prevent the diesel firewater pumps from exceeding the 100 hour runtime limit based on the rolling 12 month average.

Self Report? NO Classification: Minor
Citation: 2128 Special Condition #8E PERMIT
24887 Special Condition #1E PERMIT
30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
49120 Special Condition #2D PERMIT
5C THSC Chapter 382 382.085(b)
6245 Special Condition #7E PERMIT
O-02181 Special Condition #1(l) OP
O-02181 Special Condition #1A OP
O-02181 Special Condition #22 OP

Description: Failure to seal 8 open-ended lines in VOC service.

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter H 115.764(a)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

O-02181 Special Condition #1(I) OP
Description: Failure to perform the yearly preventative maintenance (PM).
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter C 115.244
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-02181 Special Condition #6D OP
Description: Failure to conduct the Stage II vapor recovery daily inspection.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 106, SubChapter S 106.433(2)(C)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
O-02181 Special Condition #22 OP
Description: Failure to properly seal three containers of a solvent that were left open in the unit.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.152(f)
5C THSC Chapter 382 382.085(b)
O-02181 Special Condition #1A OP
Description: Failure to maintain continuous monitoring data in historian for the Alkyl Flare volumetric flow.

Date: 06/16/2008 (610615)

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter B 115.112(d)(2)(H)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.119(b)(1)
5C THSC Chapter 382 382.085(b)
FOP No. O-2183 ST&C 12 OP
Permit No. 8125, SC 1 PERMIT

Description: RE had unauthorized emissions of VOC for Methanol Tank TK-5102.

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 63, SubChapter C, PT 63, SubPT G 63.119(b)(6)
5C THSC Chapter 382 382.085(b)
FOP O-2183 ST&C 12 OP
Permit No. 8125, SC 2B PERMIT

Description: RE failed to ensure that the cap on the gauge float well was kept air-tight with a bolt or fastener on three tanks.

Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
5C THSC Chapter 382 382.085(b)
FOP No. O-2183, ST&C 12 OP
FOP No. O-2183, ST&C 1A OP
Permit No. 8125, SC 6 PERMIT

Description: RE had failed to seal 3 open-ended lines in VOC service.

Date: 06/17/2008 (636281)

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 #15 OP
Special Condition #1E PERMIT

Description: Failure to seal 20 open-ended lines in VOC service.

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 #15 OP
 Special Condition #1F PERMIT
 Description: Failure to monitor two valves in VOC service.

Date: 07/03/2008 (636094)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
 30 TAC Chapter 115, SubChapter H 115.783(5)
 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
 5C THSC Chapter 382 382.085(b)
 SC #18 OP
 SC #8E PERMIT
 Special Condition (SC) #1A OP
 Description: failure to seal twenty-five open ended lines in volatile organic compound service.
 (Category C10)

Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 SC #1 PERMIT
 SC #18 OP
 Description: failure to control unauthorized hourl emissions from reactors, R-309A, B, C.

Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 115, SubChapter H 115.782(a)
 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(f)(1)
 5C THSC Chapter 382 382.085(b)
 SC #18 OP
 SC #1A OP
 SC #8I PERMIT
 Description: failure to tag a leaking seal.

Self Report? NO Classification: Minor
 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 63, SubChapter C, PT 63, SubPT H 63.174(d)
 5C THSC Chapter 382 382.085(b)
 SC #1 OP
 SC #18 OP
 SC #8I PERMIT
 Description: failure to make a first attempt for repair on two leaking components.

Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 115, SubChapter H 115.781(b)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 SC #1A OP
 Description: failure to follow Reference Method 21 for twenty-five components

Date: 07/18/2008 (681438)
 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 an electrical power loss and the mechanical failure of a
 Process Safety Valve Bellow which resulted in flaring and a Process Safety
 Valve Bellow leak.

Date: 07/30/2008 (687221)
 Self Report? NO Classification: Moderate
 Citation: #2933 S.C. 1 PERMIT

30 TAC Chapter 116, SubChapter B 116.115(c)
 5C THSC Chapter 382 382.085(b)
Description: Failure to meet the affirmative defense for Incident #108500 regarding a pipe failure in D-4333.

Date: 08/01/2008 (681437)
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 a hole in the first feed system line which resulted in a release of volatile organic compounds.

Date: 08/11/2008 (610620)
Self Report? NO **Classification:** Minor
Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(4)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 ST&C 1A OP
Description: Failure to collect flair HRVOC samples by the 10th hour after analyzer malfunction.

Self Report? NO **Classification:** Minor
Citation: 30 TAC Chapter 115, SubChapter H 115.782(a)
 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 SC 8H PERMIT
 ST&C 10 OP
Description: Failure to tag leaking component in VOC service.

Date: 08/11/2008 (637040)
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 Conditions, No. 4A PERMIT
 Special Terms and Conditions, No. 18 OP
 Special Terms and Conditions, No. 1A OP
Description: Failure to control emissions of VOC from a process safety valve (PSV) 99PVRLS00 on MTBE Tank TK-19.

Self Report? NO **Classification:** Minor
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.119(b)(6)
 5C THSC Chapter 382 382.085(b)
 Special Terms and Conditions, No. 1A OP
Description: Failure to keep the cover on a gauge float well air-tight with a bolt or fastener on tank TK-37.

Self Report? NO **Classification:** Minor
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 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
 5C THSC Chapter 382 382.085(b)
 Special Condition No. 6E PERMIT
 Special Terms and Conditions, No. 18 OP
 Special Terms and Conditions, No. 1H OP
Description: Failure to seal 15 open-ended valves or lines with a cap, blind flange, plug or a second valve.

Date: 08/13/2008 (682388)
Self Report? NO **Classification:** Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 5C THSC Chapter 382 382.085(b)
 TCEQ Air Permit #2128, SC# 1 PA

Description: Equistar failed to prevent the seal leak from pump P-368B while adjusting the pump shaft during the coupling of the motor to the pump.

Date: 08/27/2008 (638212)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Part 60, Subpart VV 60.482-6
5C THSC Chapter 382 382.085(b)
FOP O-02175 Special Condition 12 OP
Permit 6245, Special Condition 7H PERMIT

Description: Failure to cap open-ended lines.

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)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(f)(1)
5C THSC Chapter 382 382.085(b)
FOP No. O-02175, Special Conditions 12 OP
Permit No. 6245, Special Condition 7H PERMIT

Description: Failure to tag compressor seal.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter D 115.354(2)(C)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(c)(1)
5C THSC Chapter 382 382.085(b)
FOP No. O-02175, Special Condition 12 OP
Permit 6245, Special Condition 7H PERMIT

Description: Failure to monitor valves.

Date: 08/29/2008 (681367)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
FOP O-02174 STC 21 OP
NSR Permit 2933 SC 13E PA

Description: LB failed to seal open ended lines

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)
FOP O-02174 STC 21 OP
NSR 2933 SC 10 PA

Description: Failure to continuously monitor the fuel gas.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
FOP O-2174 STC 21 OP
NSR 2933 SC 1 PA

Description: Failure to maintain hourly tank (Tk-48008 & Tk-4917) emissions within the MAERT.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 117, SubChapter B 117.345(b)(1)
5C THSC Chapter 382 382.085(b)

Description: Failed to submit test notification within required time frame.

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)
FOP O-02174 STC 21 OP

NSR 2933 SC 1 PA

Description: Failure to maintain Tk-48304 emissions within the MAERT, due to operations.
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 117, SubChapter B 117.310(c)(1)
 5C THSC Chapter 382 382.085(b)

Description: Failure to maintain furnace CO emissions within allowable limits.

Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.119(b)(6)
 5C THSC Chapter 382 382.085(b)
 FOP O-2174 STC 1A OP

Description: Failure to install proper bolts on floating roof tanks
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 117, SubChapter B 117.310(c)(1)
 5C THSC Chapter 382 382.085(b)

Description: Failure to maintain diesel engine CO emissions less than limit.
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 115, SubChapter D 115.354(2)
 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT TT 63.1004(a)(1)(i)
 5C THSC Chapter 382 382.085(b)
 FOP O-02174 STC 1E OP
 NSR 2933 SC 13F PA

Description: Failure to monitor valves in VOC/EMACT service
 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 63, SubChapter C, PT 63, SubPT UU 63.1027(b)
 5C THSC Chapter 382 382.085(b)
 FOP O-2174 STC 21 OP
 NSR 2933 SC 15 PA
 NSR 2933 SC 16 PA

Description: Failure to monitor connectors in VOC service.
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.354(a)(2)
 5C THSC Chapter 382 382.085(b)
 FOP O-2174 STC 1A OP

Description: Failure to continuously record parameters.
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)
 5C THSC Chapter 382 382.085(b)
 FOP O-2174 STC 1A OP
 NSR 2933 SC 13 H PA

Description: Failure to tag leaking components

Date: 09/09/2008 (681362)

Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(2)(A)(i)
 5C THSC Chapter 382 382.085(b)

Description: Failed to calibrate OP-1 GC Analyzer within specifications
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(3)
 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 FOP O-1426 STC 22 OP
 NSR Permit 1768 SC 13D PA

Description: Failed to maintain the OP-1 GC Analyzer downtime to less than 5%.
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 30 TAC Chapter 122, SubChapter B 122.145(2)(A)
 5C THSC Chapter 382 382.085(b)

FOP 1426 General Terms and Conditions OP

Description: Failed to report all instances of deviations.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT UU 63.1033(b)(1)
5C THSC Chapter 382 382.085(b)
FOP O-1426 STC 22 OP
NSR Permit 1768 SC 14E PA

Description: Failed to maintain a seal on open-ended lines.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter H 115.722(c)(1)
5C THSC Chapter 382 382.085(b)

Description: Failed to maintain HRVOC emissions within 1,200 lbs/hr cap.
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)
FOP O-1426 STC 22 OP
NSR Permit 1768 SC 10 PA

Description: Failed to continuously monitor the fuel gas.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 117, SubChapter B 117.345(c)
5C THSC Chapter 382 382.085(b)

Description: Failed to submit test report within 60 days.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.181(b)
5C THSC Chapter 382 382.085(b)
FOP O-1426 STC 1A OP
FOP O-1426 STC 22 OP
NSR Permit 1768 SC 14H PA

Description: Failed to tag a leaking component, upon discovery.
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)
FOP O-1426 STC 22 OP
NSR Permit 1768 SC 5E PA

Description: Failed to install submerged fill pipe on storage tanks.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT K 60.112(a)(1)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.119(b)(6)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT WW 63.1063(a)(2)(vi)
5C THSC Chapter 382 382.085(b)
FOP O-1426 STC 1A OP

Description: Failed to install float well gauge bolts.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 117, SubChapter B 117.345(b)(2)
5C THSC Chapter 382 382.085(b)

Description: Failed to submit post RATA within 15 days.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter H 115.766(a)(6)
5C THSC Chapter 382 382.085(b)

Description: Failed to complete the HRVOC Corrective Action Plan.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 117, SubChapter B 117.340(f)(1)
30 TAC Chapter 117, SubChapter G 117.8100(a)(1)(C)
5C THSC Chapter 382 382.085(b)

Description: Failed to perform Cylinder Gas Audit in accordance with audit specifications.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 117, SubChapter G 117.8140(b)

5C THSC Chapter 382 382.085(b)
 Description: Failed to test diesel engine on a quarterly basis.
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.354(a)(2)
 5C THSC Chapter 382 382.085(b)
 FOP O-1426 STC 1A OP
 Description: Failed to continuously record parameters.
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 115, SubChapter H 115.782(c)(2)(A)(I)
 5C THSC Chapter 382 382.085(b)
 Description: Failed to conduct Extra-Ordinary Efforts.

Date: 10/31/2008 (727385)
 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: 10/31/2008 (705305)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.119(b)(6)
 5C THSC Chapter 382 382.085(b)
 FOP O-2174 STC 1A OP
 Description: Failure to install proper bolts on floating roof tanks

Date: 11/30/2008 (727386)
 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: 12/05/2008 (707275)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 5C THSC Chapter 382 382.085(b)
 TCEQ Air Permit #1768, SC #1 PA
 Description: Equistar failed to prevent the exchanger leak into Olefins 1 Cooling Tower which resulted in this emissions event.

Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
 5C THSC Chapter 382 382.085(b)
 Description: Equistar failed to report the emissions event within 24 hours of discovery.

Date: 01/09/2009 (721591)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(1)(B)
 5C THSC Chapter 382 382.085(b)
 Description: Equistar failed to prevent excess opacity during an abrasive transfer.

Date: 01/16/2009 (709781)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 115, SubChapter B 115.122(a)(2)
 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3)(ii)
 5C THSC Chapter 382 382.085(b)
 NSR 49130, Special Condition 8A PERMIT
 O-02180 Special Condition 11 OP
 Description: Failure to maintain the IPOH flare above the minimum net heating value of 300 BTU/scf for four one-hour periods on 10/26/2007.

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(a)
 5C THSC Chapter 382 382.085(b)
 O-02180 Special Condition 1(A) OP

Description: Failure to conduct monthly pump monitoring on 23 pumps in the MIPFG unit.
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 49130, Special Condition 1 PERMIT
 5C THSC Chapter 382 382.085(b)
 O-02180 Special Condition 11 OP

Description: Failure to stay within their permitted emissions limits in the MAERT.
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.112b(a)(1)(iv)

5C THSC Chapter 382 382.085(b)
 O-02180, Special Condition 1(A) OP

Description: Failure to maintain the required bolt on the float well gauge on tank TK-3110, Unit ID MIPTK3310, and tank TK-2615, Unit ID MIPTK2615.

F. Environmental audits.

Notice of Intent Date: 07/26/2005 (453654)
 Disclosure Date: 10/06/2005
 Viol. Classification: Moderate
 Citation: 30 TAC Chapter 335, SubChapter A 335.6(c)
 Description: Failure to update NOR.
 Viol. Classification: Moderate
 Citation: 30 TAC Chapter 335, SubChapter C 335.69(a)(1)(B)
 Description: Failure to classify waste prior to disposal.

Notice of Intent Date: 10/06/2005 (434934)
 No DOV Associated

Notice of Intent Date: 11/28/2006 (534269)
 No DOV Associated

Notice of Intent Date: 07/30/2007 (593548)
 No DOV Associated

Notice of Intent Date: 10/02/2007 (595562)
 Disclosure Date: 10/25/2007
 Viol. Classification: Moderate
 Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.148
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.172
 Description: Failed to comply with Method 21 for regulated HON group 1 wastewater closed vent systems.

Notice of Intent Date: 10/04/2007 (598705)
 No DOV Associated

Notice of Intent Date: 10/04/2007 (598710)
 No DOV Associated

Notice of Intent Date: 10/04/2007 (598714)
 No DOV Associated

Notice of Intent Date: 04/07/2008 (654966)

No DOV Associated

Notice of Intent Date: 06/18/2008 (688531)

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
RN100542281**

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**BEFORE THE
TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY**

AGREED ORDER DOCKET NO. 2009-0263-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 chemical company at 8280 Sheldon Road, in Channelview, 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 February 11 and 18, 2009.
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. On January 6, 2009, the Respondent, together with certain other subsidiaries and affiliates of Lyondell Chemical Company, filed with the United States Bankruptcy Court for the Southern District of New York (the "Bankruptcy Court") a voluntary petition for relief under chapter 11 of the Bankruptcy Code (the "Code"). In re Lyondell Chemical Company, et al., Case No. 09-10023

(REG) (Chapter 11) (Bankr. S.D.N.Y.) (the "Bankruptcy Case"). The automatic stay imposed by the Code (specifically, 11 U.S.C. § 362 (a)) does not apply to the commencement or continuation of an action or a proceeding by a governmental unit to enforce such governmental unit's police and regulatory power, including the enforcement of a judgment other than a money judgment obtained in such action or proceeding, by virtue of the exception provided in 11 U.S.C. § 362 (b)(4). Accordingly, TCEQ (a governmental unit as defined under 11 U.S.C. § 101(27)) is expressly excepted from the automatic stay in pursuing enforcement of the State's environmental protection laws, and in seeking to liquidate its damages for such violations, including the assessment of Respondent of the administrative penalty in the amount of Sixty-Four Thousand Dollars (\$64,000) as provided in Section I, Paragraph 7 and Section IV, Paragraph 1 below. TCEQ shall not seek to collect such penalty except in accordance with applicable Bankruptcy law. The Respondent agrees to stipulate that, in accordance with this Agreed Order, TCEQ shall have an allowed general unsecured claim in the amount of Sixty-Four Thousand Dollars (\$64,000), which shall be paid in accordance with the terms prescribed in the plan of reorganization approved by the Bankruptcy Court or liquidation.

7. An administrative penalty in the amount of Sixty-Four Thousand Dollars (\$64,000) is assessed by the Commission in settlement of the following violations alleged in Section II ("Allegations").
8. 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.
9. 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.
10. The Executive Director recognizes that the Respondent submitted an amendment for increased nitrogen oxide ("NOx") and carbon monoxide ("CO") emission limits for the Atlas Copco Air Compressor (EPN OP1EN1) for Permit No. 1768 on March 19, 2009.
11. 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.
12. 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.
13. 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:

1. Failed to comply with the CO emission limit of 0.05 pounds per hour ("lbs/hr") and the NOx emission limit of 6.1 lbs/hr for the Atlas Copco Air Compressor (EPN OPIEN1), in violation of 30 TEX. ADMIN. CODE § 116.115(c), TEX. HEALTH & SAFETY CODE § 382.085(b) and Permit No.

- 1768, Special Condition No. 1, as documented during a record review conducted on January 21, 2009. Specifically, a reference method stack test conducted on December 18, 2007 yielded results of 2.28 lbs/hr of CO and 8.8 lbs/hr of NOx.
2. Failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE § 116.115(c), TEX. HEALTH & SAFETY CODE § 382.085(b) and Permit No. 1768, Special Condition No. 1, as documented during a record review conducted on January 9 through 22, 2009. Specifically, the Respondent released 5,197.3 pounds ("lbs") of volatile organic compounds ("VOC"), including the following Hazardous Air Pollutants: 294.3 lbs of 1,3-butadiene, 272.6 lbs of benzene, 122.5 lbs of hexane and 30.4 lbs of toluene and the following Highly Reactive VOCs: 422.8 lbs of butene, 2,097.5 lbs of ethylene and 1,351.9 lbs of propylene from the C-3501B piping in the Olefins 1 Unit during an avoidable emissions event that began December 4, 2008 and lasted 12 hours and 45 minutes. The emissions were the result of the poor quality of the original welds securing gussets where a small pipe joined a larger pipe. Since this emissions event could have been avoided by better maintenance 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 7 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. The Commission shall not be constrained in any manner from requiring corrective action or penalties for violations which are not raised here. Subject to the provisions of Section I, Paragraph 6 above, which are expressly incorporated herein, TCEQ shall have an allowed general unsecured claim in the Respondent's bankruptcy case.
2. It is further ordered that the Respondent shall undertake the following technical requirements:
 - a. Within 30 days after the effective date of this Agreed Order, implement measures designed to ensure the proper maintenance of welds associated to piping in the Olefins 1 Unit;
 - b. Within 180 days after the effective date of this Agreed Order, obtain approval of the permit amendment for increased NOx and CO emission limits for the Atlas Copco Air Compressor (EPN OPIEN1) or comply with current permitted limits, in accordance with Permit No. 1768, Special Condition No. 1; and
 - c. Within 195 days after the effective date of this Agreed Order, submit written certification to demonstrate compliance Ordering Provision No. 2.a. and b.

The certification shall be notarized by a State of Texas Notary Public and contain the following 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

John Srdler
For the Executive Director

Date 6/18/2010

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 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.

Michael D Van Der Snick
Signature

4-5-10
Date

Michael D. Van Der Snick
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.