

Executive Summary – Enforcement Matter – Case No. 48223
Equistar Chemicals, LP
RN100224377
Docket No. 2014-0179-AIR-E

Order Type:

Findings Agreed Order

Findings Order Justification:

Unauthorized emissions which are excessive emissions events.

Media:

AIR

Small Business:

No

Location(s) Where Violation(s) Occurred:

Mont Belvieu Facility, 11815 State Highway 146, Mont Belvieu, Chambers County

Type of Operation:

Liquid hydrocarbon underground storage site

Other Significant Matters:

Additional Pending Enforcement Actions: No

Past-Due Penalties: No

Other: N/A

Interested Third-Parties: None

Texas Register Publication Date: May 9, 2014

Comments Received: No

Penalty Information

Total Penalty Assessed: \$8,925

Amount Deferred for Expedited Settlement: \$0

Amount Deferred for Financial Inability to Pay: \$0

Total Paid to General Revenue: \$4,463

Total Due to General Revenue: \$0

Payment Plan: N/A

SEP Conditional Offset: \$4,462

Name of SEP: Barber's Hill Independent School District

Compliance History Classifications:

Person/CN - Satisfactory

Site/RN - Satisfactory

Major Source: No

Statutory Limit Adjustment: N/A

Applicable Penalty Policy: September 2011

Investigation Information

Complaint Date(s): N/A

Complaint Information: N/A

Date(s) of Investigation: September 5, 2013

Date(s) of NOE(s): January 23, 2014

**Executive Summary – Enforcement Matter – Case No. 48223
Equistar Chemicals, LP
RN100224377
Docket No. 2014-0179-AIR-E**

Violation Information

Failed to prevent unauthorized emissions and failed to limit highly reactive volatile organic compound emissions to 1,200 pounds per one hour block period [30 TEX. ADMIN. CODE §§ 115.722(c)(2) and 116.115(c), TEX. HEALTH & SAFETY CODE § 382.085(b), and New Source Review Permit No. 2129, Special Conditions No. 1].

Corrective Actions/Technical Requirements

Corrective Action(s) Completed:

On February 6, 2014, the Respondent submitted a corrective action plan (“CAP”) to address the excessive emissions event that occurred on June 19, 2013 (Incident No. 184440).

Technical Requirements:

1. The Order will require the Respondent to implement and complete a Supplemental Environmental Project (“SEP”). (See SEP Attachment A)
2. The Order will also require the Respondent to:
 - a. Respond completely and adequately, as determined by the Executive Director, to all written requests for information concerning the CAP submitted in connection with the June 19, 2013 excessive emissions event within 15 days after the date of such requests, or by any other deadline specified in writing;
 - b. Upon Commission approval, implement the CAP in accordance with the approved schedule; and
 - c. Within 15 days upon completion of the CAP implementation, submit written certification to demonstrate compliance with Ordering Provision b.

Litigation Information

Date Petition(s) Filed: N/A
Date Answer(s) Filed: N/A
SOAH Referral Date: N/A
Hearing Date(s): N/A
Settlement Date: N/A

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Contact Information

TCEQ Attorney: N/A

TCEQ Enforcement Coordinator: Rachel Bekowies, Enforcement Division, Enforcement Team 4, MC 149, (512) 239-2608; Candy Garrett, Enforcement Division, MC 219, (512) 239-1456

TCEQ SEP Coordinator: Stuart Beckley, SEP Coordinator, Enforcement Division, MC 219, (512) 239-3565

Respondent: Tim Westby, Site Manager, Equistar Chemicals, LP, 5761 Underwood Road, Pasadena, Texas 77507

Gregory LeBlanc, HSE Engineer, Equistar Chemicals, LP, 5761 Underwood Road, Pasadena, Texas 77507

Respondent's Attorney: N/A

Attachment A

Docket Number: 2014-0179-AIR-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:	Equistar Chemicals, LP
Penalty Amount:	Eight Thousand Nine Hundred Twenty-Five Dollars (\$8,925)
SEP Offset Amount:	Four Thousand Four Hundred Sixty-Two Dollars (\$4,462)
Type of SEP:	Contribution to a Third-Party Pre-Approved SEP
Third-Party Administrator:	Barber's Hill Independent School District
Project Name:	<i>Alternative Fuel School Bus Replacement</i>
Location of SEP:	Chambers County

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the penalty amount assessed in this Agreed Order for the Respondent to contribute to a Supplemental Environmental Project ("SEP"). The offset is equal to the SEP Offset Amount set forth above and is conditioned upon completion of the project in accordance with the terms of this Attachment A.

1. Project Description

a. Project

The Respondent shall contribute the SEP Offset Amount to the Third-Party Administrator named above. The contribution will be to **Barber's Hill Independent School District** ("Barber's Hill ISD") for the *Alternative Fuel School Bus Replacement* program. The contribution will be used in accordance with the SEP Agreement between the Third-Party Administrator and the TCEQ (the "Project"). Specifically, the SEP Offset Amount shall be used to reduce carbon monoxide ("CO"), nitrogen oxides ("NO_x"), particulate matter ("PM"), and volatile organic compounds ("VOCs") emissions by replacing older school buses with new propane-fueled buses. The Third-Party Administrator shall ensure that each replacement bus purchased has an engine that meets 2010 EPA Standards. The Third-Party Administrator has invested in propane fueling infrastructure to support the operation of new propane-fueled buses. The Third-Party Administrator shall give preference to replacing the oldest, most polluting buses currently in use. Only older buses that are currently in regular use, driven on a regular route on a weekly basis for at least the past two years are eligible for replacement. The SEP Offset Amount will only be used for the purchase of a base model propane-fueled Replacement Bus. The Third-Party Administrator shall own and operate each Replacement Bus for at least five (5) years following the date of purchase. The SEP will

be performed in accordance with all federal, state, and local environmental laws and regulations.

All dollars contributed will be used for the direct cost of implementing the Project, including but not limited to supplies, materials, and equipment. Any portion of this contribution that is not able to be spent on the specifically identified SEP may, at the discretion of the Executive Director ("ED"), be applied to another pre-approved SEP.

The Respondent's signature affixed to this Agreed Order certifies that it has no prior commitment to make this contribution and that it is being contributed solely in an effort to settle this enforcement action. The Respondent shall not profit in any manner from this SEP.

b. Environmental Benefit

This SEP will directly benefit air quality by reducing harmful exhaust emissions that contribute to the formation of ozone and may cause or exacerbate a number of respiratory diseases, including asthma. For example, by replacing a 1989 diesel bus with a new 2010 ultra-low emission model, passengers' exposures to NO_x may be reduced by 98 percent; VOCs by 93 percent; CO by 83 percent; and PM by 99 percent.

c. Minimum Expenditure

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

2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, the Respondent must contribute the SEP Offset Amount to the Third-Party Administrator. The Respondent shall make the check payable to **Barber's Hill ISD SEP** and shall mail the contribution with a copy of the Agreed Order to:

John Johnson, Consultant
Carl R. Griffith & Associates, Inc.
2901 Turtle Creek Drive, Suite 445
Port Arthur, Texas 77642

3. Records and Reporting

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

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

4. Failure to Fully Perform

If the Respondent does not perform its obligations under this Attachment A, including full expenditure of the SEP Offset Amount and submittal of required reporting described in Sections 2 and 3 above, the ED may require immediate payment of all or part of the SEP Offset Amount.

In the event the ED determines that the Respondent failed to fully implement and complete the Project, the Respondent shall remit payment for all or a portion of the SEP Offset Amount, as determined by the ED, and as set forth in the attached Agreed Order. After receiving notice of failure to complete the SEP, the Respondent shall include the docket number of the attached Agreed Order and a note that the enclosed payment is for the reimbursement of a SEP; shall make the check payable to "Texas Commission on Environmental Quality;" and shall mail it to:

Texas Commission on Environmental Quality
Litigation Division
Attention: SEP Coordinator, MC 175
P.O. Box 13087
Austin, Texas 78711-3087

5. Publicity

Any public statements concerning this SEP made by or on behalf of the Respondent must include a clear statement that **the Project was performed as part of the settlement of an enforcement action brought by the TCEQ.** Such statements include advertising, public relations, and press releases.

6. Clean Texas Program

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

7. Other SEPs by TCEQ or Other Agencies

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



Penalty Calculation Worksheet (PCW)

Policy Revision 3 (September 2011)

PCW Revision August 3, 2011

TCEQ

DATES	Assigned	27-Jan-2014	Screening	4-Feb-2014	EPA Due	
	PCW	4-Feb-2014				

RESPONDENT/FACILITY INFORMATION

Respondent	Equistar Chemicals, LP	
Reg. Ent. Ref. No.	RN100224377	
Facility/Site Region	12-Houston	Major/Minor Source Minor

CASE INFORMATION

Enf./Case ID No.	48223	No. of Violations	1
Docket No.	2014-0179-AIR-E	Order Type	Findings
Media Program(s)	Air	Government/Non-Profit	No
Multi-Media		Enf. Coordinator	Rachel Bekowies
		EC's Team	Enforcement Team 4
Admin. Penalty \$ Limit Minimum	\$0	Maximum	\$25,000

Penalty Calculation Section

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

ADJUSTMENTS (+/-) TO SUBTOTAL 1

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

Compliance History **19.0%** Enhancement **Subtotals 2, 3, & 7** **\$1,425**

Notes: Enhancement for one order with denial of liability. Reduction for one Notice of Intent to conduct an audit.

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 **\$315**
 Approx. Cost of Compliance **\$6,000**
 *Capped at the Total EB \$ Amount

SUM OF SUBTOTALS 1-7 **Final Subtotal** **\$8,925**

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

Reduces or enhances the Final Subtotal by the indicated percentage.

Notes

Final Penalty Amount **\$8,925**

STATUTORY LIMIT ADJUSTMENT **Final Assessed Penalty** **\$8,925**

DEFERRAL **0.0%** Reduction **Adjustment** **\$0**

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

Notes

No deferral is recommended for Findings Orders.

PAYABLE PENALTY **\$8,925**

Screening Date 4-Feb-2014

Docket No. 2014-0179-AIR-E

PCW

Respondent Equistar Chemicals, LP

Policy Revision 3 (September 2011)

Case ID No. 48223

PCW Revision August 3, 2011

Reg. Ent. Reference No. RN100224377

Media [Statute] Air

Enf. Coordinator Rachel Bekowies

Compliance History Worksheet

>> Compliance History Site Enhancement (Subtotal 2)

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written notices of violation ("NOVs") with same or similar violations as those in the current enforcement action (<i>number of NOVs meeting criteria</i>)	0	0%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (<i>number of orders meeting criteria</i>)	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	0	0%
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 (<i>number of judgements or consent decrees meeting criteria</i>)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (<i>number of counts</i>)	0	0%
Emissions	Chronic excessive emissions events (<i>number of events</i>)	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 (<i>number of audits for which notices were submitted</i>)	1	-1%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (<i>number of audits for which violations were disclosed</i>)	0	0%

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) 19%

>> Repeat Violator (Subtotal 3)

No

Adjustment Percentage (Subtotal 3) 0%

>> Compliance History Person Classification (Subtotal 7)

Satisfactory Performer

Adjustment Percentage (Subtotal 7) 0%

>> Compliance History Summary

Compliance History Notes

Enhancement for one order with denial of liability. Reduction for one Notice of Intent to conduct an audit.

Total Compliance History Adjustment Percentage (Subtotals 2, 3, & 7) 19%

>> Final Compliance History Adjustment

Final Adjustment Percentage *capped at 100% 19%

Screening Date 4-Feb-2014
Respondent Equistar Chemicals, LP
Case ID No. 48223

Docket No. 2014-0179-AIR-E

PCW

Policy Revision 3 (September 2011)
 PCW Revision August 3, 2011

Reg. Ent. Reference No. RN100224377
Media [Statute] Air
Enf. Coordinator Rachel Bekowies
Violation Number 1

Rule Cite(s) 30 Tex. Admin. Code §§ 115.722(c)(2) and 116.115(c), Tex. Health & Safety Code § 382.085(b), and New Source Review Permit No. 2129, Special Conditions No. 1

Violation Description Failed to prevent unauthorized emissions and failed to limit highly reactive volatile organic compounds ("HRVOC") emissions to 1,200 pounds ("lbs") per one hour block period. Specifically, the Respondent released 105,050.00 lbs of ethylene, which is a HRVOC, from Pressure Safety Valve 90094 and 11.42 lbs of nitrogen oxides, 22.87 lbs of carbon monoxide, and 35.36 lbs of ethylene from Flare 1 (Emission Point Number 90.09) during an emissions event (Incident No. 184440) that occurred on June 19, 2013 and lasted 38 minutes. The emissions event occurred when the pressure safety valve on the ethylene preheater lifted prematurely and failed to reseal due to internal damage. This event was determined to be an excessive emissions event.

Base Penalty \$25,000

>> Environmental, Property and Human Health Matrix

Release	Harm			Percent
	Major	Moderate	Minor	
Actual	x			30.0%
Potential				

>> Programmatic Matrix

Falsification	Major	Moderate	Minor	Percent
				0.0%

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

Adjustment \$17,500

\$7,500

Violation Events

Number of Violation Events 1 1 Number of violation days

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

Violation Base Penalty \$7,500

One daily event is recommended.

Good Faith Efforts to Comply

	Reduction	
	Before NOV	NOV to EDRP/ 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 \$7,500

Economic Benefit (EB) for this violation

Estimated EB Amount \$315

Statutory Limit Test

Violation Final Penalty Total \$8,925

This violation Final Assessed Penalty (adjusted for limits) \$8,925

Economic Benefit Worksheet

Respondent Equistar Chemicals, LP
Case ID No. 48223
Reg. Ent. Reference No. RN100224377
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
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No commas or \$

Delayed Costs

Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)	\$1,000	19-Jun-2013	6-Feb-2014	0.64	\$2	\$42	\$44
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	19-Jun-2013	19-Jul-2014	1.08	\$271	n/a	\$271

Notes for DELAYED costs

Estimated costs for submitting and implementing a corrective action plan ("CAP"). The Date Required is the date of the emissions event. The February 6, 2014 Final Date is date the CAP was submitted. The July 19, 2014 Final Date is the estimated date of compliance.

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

\$6,000

TOTAL

\$315

The TCEQ is committed to accessibility.

To request a more accessible version of this report, please contact the TCEQ Help Desk at (512) 239-4357.



Compliance History Report

PUBLISHED Compliance History Report for CN600124705, RN100224377, Rating Year 2013 which includes Compliance History (CH) components from September 1, 2008, through August 31, 2013.

Customer, Respondent, or Owner/Operator: CN600124705, Equistar Chemicals, LP **Classification:** SATISFACTORY **Rating:** 9.04
Regulated Entity: RN100224377, MONT BELVIEU FACILITY **Classification:** SATISFACTORY **Rating:** 3.58
Complexity Points: 5 **Repeat Violator:** NO
CH Group: 14 - Other
Location: 11815 STATE HIGHWAY 146 MONT BELVIEU, TEXAS 77535-6618, CHAMBERS COUNTY
TCEQ Region: REGION 12 - HOUSTON

ID Number(s):

AIR NEW SOURCE PERMITS PERMIT 2129 **AIR NEW SOURCE PERMITS PERMIT 2934**
AIR NEW SOURCE PERMITS PERMIT 7570 **AIR NEW SOURCE PERMITS ACCOUNT NUMBER CI0002G**
AIR NEW SOURCE PERMITS AFS NUM 4807100032 **AIR NEW SOURCE PERMITS REGISTRATION 77416**
AIR NEW SOURCE PERMITS REGISTRATION 79797 **AIR NEW SOURCE PERMITS REGISTRATION 95040**
AIR EMISSIONS INVENTORY ACCOUNT NUMBER CI0002G

Compliance History Period: September 01, 2008 to August 31, 2013 **Rating Year:** 2013 **Rating Date:** 09/01/2013

Date Compliance History Report Prepared: January 29, 2014

Agency Decision Requiring Compliance History: Enforcement

Component Period Selected: January 29, 2009 to January 29, 2014

TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.

Name: Rachel Bekowies

Phone: (512) 239-2608

Site and Owner/Operator History:

- 1) Has the site been in existence and/or operation for the full five year compliance period? YES
- 2) Has there been a (known) change in ownership/operator of the site during the compliance period? NO
- 3) If **YES** for #2, who is the current owner/operator? N/A
- 4) If **YES** for #2, who was/were the prior owner(s)/operator(s)? N/A
- 5) If **YES**, when did the change(s) in owner or operator occur? N/A

Components (Multimedia) for the Site Are Listed in Sections A - J

A. Final Orders, court judgments, and consent decrees:

- 1 Effective Date: 04/11/2010 ADMINORDER 2008-1123-AIR-E (1660 Order-Agreed Order With Denial)
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)
Rqmt Prov:TCEQ Permit No. 2129, SC #1 PERMIT
Description: Equistar failed to prevent a valve from over-pressuring. Specifically, on April 14, 2008, an unauthorized emissions event lasted for 10 minutes and released 2,900 pounds of 1-3, butadiene, 1,152 pounds of butene, and 192 pounds of butane. Since the emissions do not meet the demonstrations in 30 TEX. ADMIN. CODE § 101.222(b)(2) and (3), the emissions event is not subject to an affirmative defense.

B. Criminal convictions:

N/A

C. Chronic excessive emissions events:

N/A

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

Item 1	November 17, 2009	(782080)
Item 2	September 01, 2010	(849221)
Item 3	August 16, 2011	(944567)
Item 4	September 26, 2012	(1028128)

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

A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.

N/A

F. Environmental audits:

Notice of Intent Date: 09/11/2012 (1034833)

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
RN100224377

§ BEFORE THE
§
§ TEXAS COMMISSION ON
§
§ ENVIRONMENTAL QUALITY

**AGREED ORDER
DOCKET NO. 2014-0179-AIR-E**

At its _____ agenda, the Texas Commission on Environmental Quality ("the Commission" or "TCEQ") considered this agreement of the parties, resolving an enforcement action regarding Equistar Chemicals, LP ("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 presented this agreement to the Commission.

The Respondent understands that it has certain procedural rights at certain points in the enforcement process, including, but not limited to, the right to formal notice of violations, notice of an evidentiary hearing, the right to an evidentiary hearing, and a right to appeal. By entering into this Agreed Order, the Respondent agrees to waive all notice and procedural rights.

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

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

I. FINDINGS OF FACT

1. The Respondent owns and operates a liquid hydrocarbon underground storage site at 11815 State Highway 146 in Mont Belvieu, Chambers County, Texas (the "Site").

2. The Site consists of one or more sources as defined in TEX. HEALTH & SAFETY CODE § 382.003(12).
3. During an investigation conducted on September 5, 2013, TCEQ staff documented that the Respondent released 105,050.00 pounds (“lbs”) of ethylene, which is a highly reactive volatile organic compound (“HRVOC”), from Pressure Safety Valve 90094 and 11.42 lbs of nitrogen oxides, 22.87 lbs of carbon monoxide, and 35.36 lbs of ethylene from Flare 1 (Emission Point Number 90.09) during an emissions event (Incident No. 184440) that occurred on June 19, 2013 and lasted 38 minutes. The emissions event occurred when the pressure safety valve on the ethylene preheater lifted prematurely and failed to reseal due to internal damage. TCEQ staff determined that this event was an excessive emissions event.
4. The Respondent received notice of the violations on January 28, 2014.
5. The Executive Director recognizes that on February 6, 2014, the Respondent submitted a corrective action plan (“CAP”) to address the excessive emissions event that occurred on June 19, 2013 (Incident No. 184440).

II. CONCLUSIONS OF LAW

1. The Respondent is subject to the jurisdiction of the TCEQ pursuant to TEX. HEALTH & SAFETY CODE ch. 382 and TEX. WATER CODE ch. 7 and the rules of the Commission.
2. As evidenced by Findings of Fact No. 3, the Respondent failed to prevent unauthorized emissions and failed to limit HRVOC emissions to 1,200 lbs per one hour block period, in violation of 30 TEX. ADMIN. CODE §§ 115.722(c)(2) and 116.115(c), TEX. HEALTH & SAFETY CODE § 382.085(b), and New Source Review Permit No. 2129, Special Conditions No. 1.
3. Pursuant to TEX. WATER CODE § 7.051, the Commission has the authority to assess an administrative penalty against the Respondent for violations of the Texas Water Code and the Texas Health and Safety Code within the Commission’s jurisdiction; for violations of rules adopted under such statutes; or for violations of orders or permits issued under such statutes.
4. An administrative penalty in the amount of Eight Thousand Nine Hundred Twenty-Five Dollars (\$8,925) is justified by the facts recited in this Agreed Order, and considered in light of the factors set forth in TEX. WATER CODE § 7.053. The Respondent has paid Four Thousand Four Hundred Sixty-Three Dollars (\$4,463) of the administrative penalty. Four Thousand Four Hundred Sixty-Two Dollars (\$4,462) shall be conditionally offset by the Respondent’s completion of a Supplemental Environmental Project (“SEP”).

III. ORDERING PROVISIONS

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

1. The Respondent is assessed an administrative penalty in the amount of Eight Thousand Nine Hundred Twenty-Five Dollars (\$8,925) as set forth in Section II, Paragraph 4 above, for violations of TCEQ rules and state statutes. The payment of this administrative penalty and the Respondent's compliance with all the terms and conditions set forth in this Agreed Order completely resolve the violations set forth by this Agreed Order in this action. However, the Commission shall not be constrained in any manner from requiring corrective actions or penalties for other violations that are not raised here. Administrative penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: Equistar Chemicals, LP, Docket No. 2014-0179-AIR-E" to:

Financial Administration Division, Revenue Operations Section
Attention: Cashier's Office, MC 214
Texas Commission on Environmental Quality
P.O. Box 13088
Austin, Texas 78711-3088

2. The Respondent shall implement and complete a SEP in accordance with TEX. WATER CODE § 7.067. As set forth in Section II, Paragraph 4 above, Four Thousand Four Hundred Sixty-Two Dollars (\$4,462) of the assessed administrative penalty shall be offset with the condition that the SEP defined in Attachment A, incorporated herein by reference, is implemented by the Respondent. The Respondent's obligation to pay the conditionally offset portion of the administrative penalty assessed shall be discharged upon final completion of all provisions of the SEP agreement.
3. The Respondent shall undertake the following technical requirements:
 - a. Respond completely and adequately, as determined by the Executive Director, to all written requests for information concerning the CAP submitted in connection with the June 19, 2013 excessive emissions event within 15 days after the date of such requests, or by any other deadline specified in writing;
 - b. Upon Commission approval, implement the CAP in accordance with the approved schedule; and
 - c. Within 15 days upon completion of the CAP implementation, submit written certification as described below, and include detailed supporting documentation including photographs, receipts, and/or other records to demonstrate compliance with Ordering Provision No. 3.b. The certification shall be notarized by a State of Texas Notary Public and include the following certification language:

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

The certification shall be submitted to:

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

with a copy to:

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

4. 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 Site operations referenced in this Agreed Order.
5. 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.
6. The Executive Director may grant an extension of any deadline in this Agreed Order or in any plan, report, or other document submitted pursuant to this Agreed Order, upon a written and substantiated showing of good cause. All requests for extensions by the 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.

7. The Executive Director may refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings without notice to the Respondent if the Executive Director determines that the Respondent has not complied with one or more of the terms or conditions in this Agreed Order.
8. This Agreed Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Agreed Order, whichever is later.
9. This Agreed Order, issued by the Commission, shall not be admissible against the 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.
10. This Agreed Order may be executed in separate and multiple counterparts, which together shall constitute a single instrument. Any page of this Agreed Order may be copied, scanned, digitized, converted to electronic portable document format ("pdf"), or otherwise reproduced and may be transmitted by digital or electronic transmission, including but not limited to facsimile transmission and electronic mail. Any signature affixed to this Agreed Order shall constitute an original signature for all purposes and may be used, filed, substituted, or issued for any purpose for which an original signature could be used. The term "signature" shall include manual signatures and true and accurate reproductions of manual signatures created, executed, endorsed, adopted, or authorized by the person or persons to whom the signatures are attributable. Signatures may be copied or reproduced digitally, electronically, by photocopying, engraving, imprinting, lithographing, electronic mail, facsimile transmission, stamping, or any other means or process which the Executive Director deems acceptable. In this paragraph exclusively, the terms "electronic transmission", "owner", "person", "writing", and "written" shall have the meanings assigned to them under TEX. BUS. ORG. CODE § 1.002.
11. The Chief Clerk shall provide a copy of this Agreed Order to each of the parties. By law, the effective date of this Agreed Order is the third day after the mailing date, as provided by 30 TEX. ADMIN. CODE § 70.10(b) and TEX. GOV'T CODE § 2001.142.

SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission

Pamela M. ...
For the Executive Director

7/7/14
Date

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

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

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

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

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

Tim Westby
Signature

4/17/2014
Date

Tim Westby
Name (Printed or typed)
Authorized Representative of
Equistar Chemicals, LP

Site Mgr
Title

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

Attachment A

Docket Number: 2014-0179-AIR-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:	Equistar Chemicals, LP
Penalty Amount:	Eight Thousand Nine Hundred Twenty-Five Dollars (\$8,925)
SEP Offset Amount:	Four Thousand Four Hundred Sixty-Two Dollars (\$4,462)
Type of SEP:	Contribution to a Third-Party Pre-Approved SEP
Third-Party Administrator:	Barber's Hill Independent School District
Project Name:	<i>Alternative Fuel School Bus Replacement</i>
Location of SEP:	Chambers County

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the penalty amount assessed in this Agreed Order for the Respondent to contribute to a Supplemental Environmental Project ("SEP"). The offset is equal to the SEP Offset Amount set forth above and is conditioned upon completion of the project in accordance with the terms of this Attachment A.

1. Project Description

a. Project

The Respondent shall contribute the SEP Offset Amount to the Third-Party Administrator named above. The contribution will be to **Barber's Hill Independent School District** ("Barber's Hill ISD") for the *Alternative Fuel School Bus Replacement* program. The contribution will be used in accordance with the SEP Agreement between the Third-Party Administrator and the TCEQ (the "Project"). Specifically, the SEP Offset Amount shall be used to reduce carbon monoxide ("CO"), nitrogen oxides ("NO_x"), particulate matter ("PM"), and volatile organic compounds ("VOCs") emissions by replacing older school buses with new propane-fueled buses. The Third-Party Administrator shall ensure that each replacement bus purchased has an engine that meets 2010 EPA Standards. The Third-Party Administrator has invested in propane fueling infrastructure to support the operation of new propane-fueled buses. The Third-Party Administrator shall give preference to replacing the oldest, most polluting buses currently in use. Only older buses that are currently in regular use, driven on a regular route on a weekly basis for at least the past two years are eligible for replacement. The SEP Offset Amount will only be used for the purchase of a base model propane-fueled Replacement Bus. The Third-Party Administrator shall own and operate each Replacement Bus for at least five (5) years following the date of purchase. The SEP will

Equistar Chemicals, LP
Agreed Order - Attachment A

be performed in accordance with all federal, state, and local environmental laws and regulations.

All dollars contributed will be used for the direct cost of implementing the Project, including but not limited to supplies, materials, and equipment. Any portion of this contribution that is not able to be spent on the specifically identified SEP may, at the discretion of the Executive Director ("ED"), be applied to another pre-approved SEP.

The Respondent's signature affixed to this Agreed Order certifies that it has no prior commitment to make this contribution and that it is being contributed solely in an effort to settle this enforcement action. The Respondent shall not profit in any manner from this SEP.

b. Environmental Benefit

This SEP will directly benefit air quality by reducing harmful exhaust emissions that contribute to the formation of ozone and may cause or exacerbate a number of respiratory diseases, including asthma. For example, by replacing a 1989 diesel bus with a new 2010 ultra-low emission model, passengers' exposures to NO_x may be reduced by 98 percent; VOCs by 93 percent; CO by 83 percent; and PM by 99 percent.

c. Minimum Expenditure

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

2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, the Respondent must contribute the SEP Offset Amount to the Third-Party Administrator. The Respondent shall make the check payable to **Barber's Hill ISD SEP** and shall mail the contribution with a copy of the Agreed Order to:

John Johnson, Consultant
Carl R. Griffith & Associates, Inc.
2901 Turtle Creek Drive, Suite 445
Port Arthur, Texas 77642

3. **Records and Reporting**

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

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

4. **Failure to Fully Perform**

If the Respondent does not perform its obligations under this Attachment A, including full expenditure of the SEP Offset Amount and submittal of required reporting described in Sections 2 and 3 above, the ED may require immediate payment of all or part of the SEP Offset Amount.

In the event the ED determines that the Respondent failed to fully implement and complete the Project, the Respondent shall remit payment for all or a portion of the SEP Offset Amount, as determined by the ED, and as set forth in the attached Agreed Order. After receiving notice of failure to complete the SEP, the Respondent shall include the docket number of the attached Agreed Order and a note that the enclosed payment is for the reimbursement of a SEP; shall make the check payable to "Texas Commission on Environmental Quality;" and shall mail it to:

Texas Commission on Environmental Quality
Litigation Division
Attention: SEP Coordinator, MC 175
P.O. Box 13087
Austin, Texas 78711-3087

5. **Publicity**

Any public statements concerning this SEP made by or on behalf of the Respondent must include a clear statement that **the Project was performed as part of the settlement of an enforcement action brought by the TCEQ**. Such statements include advertising, public relations, and press releases.

6. Clean Texas Program

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

7. Other SEPs by TCEQ or Other Agencies

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