

EXECUTIVE SUMMARY - ENFORCEMENT MATTER
DOCKET NO.: 2006-2046-AIR-E **TCEQ ID:** RN102212925 **CASE NO.:** 31797
RESPONDENT NAME: Exxon Mobil Corporation

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: Exxon Mobil Chemical Baytown Olefins Plant, 3525 Decker Drive, 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 seven pending enforcement actions, Docket Nos. 2005-0036-AIR-E, 2006-0736-AIR-E, 2006-1515-AIR-E, 2007-0034-AIR-E, 2007-0554-AIR-E, 2007-0688-AIR-E, and 2007-0290-AIR-E, for this facility location.</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 April 30, 2007. No comments were received.</p> <p>CONTACTS AND MAILING LIST: TCEQ Attorney/SEP Coordinator: Ms. Melissa Keller, SEP Coordinator, Enforcement Division, MC 219, (512) 239-1768 TCEQ Enforcement Coordinator: Mr. John Muennink, Enforcement Division, Corpus Christi Regional Office, MC R-14, (361) 825-3423; Mr. Steven Lopez, Enforcement Division, MC 219, (512) 239-1896 Respondent: Mr. Darrin Talley, Plant Manager, Exxon Mobil Corporation, 3525 Decker Drive, Baytown, Texas 77520-1699 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 Record Review Relating to this Case: October 10, 2006</p> <p>Date of NOE Relating to this Case: November 13, 2006(NOE)</p> <p>Background Facts: This was a routine record review.</p> <p>AIR</p> <p>Failed to prevent unauthorized emissions. Specifically, 901 pounds of 1,3 butadiene was released from the RC-01 Compressor during an emissions event that began on June 16, 2006 and lasted 59 minutes. Since these emissions were avoidable, the Respondent failed to meet the demonstrations necessary to present an affirmative defense in 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE § 116.715(a), Permit No. 3452, Special Condition No. 1, and TEX. HEALTH & SAFETY CODE § 382.085(b)].</p>	<p>Total Assessed: \$4,575</p> <p>Total Deferred: \$915 <input checked="" type="checkbox"/> Expedited Settlement <input type="checkbox"/> Financial Inability to Pay</p> <p>SEP Conditional Offset: \$1,830</p> <p>Total Paid to General Revenue: \$1,830</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>Ordering Provisions:</p> <p>1) The Order will require the Respondent to implement and complete a Supplemental Environmental Project (SEP) (See SEP Attachment A).</p> <p>2) 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 prevent the reoccurrence of emissions due to similar causes; and</p> <p>b) Within 45 days after the effective date of this Agreed Order, submit written certification to certify compliance with Ordering Provision 2.a.</p>

Attachment A
Docket Number: 2006-2046-AIR-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:	Exxon Mobil Corporation
Payable Penalty Amount:	Three Thousand Six Hundred-Sixty Dollars (\$3,660)
SEP Amount:	One Thousand Eight Hundred Thirty Dollars (\$1,830)
Type of SEP:	Pre-approved
Third-Party Recipient:	Houston-Galveston AERCO's Clean Cities/Clean Vehicles Program
Location of SEP:	Harris County

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

1. Project Description

A. Project

The Respondent will contribute to Houston-Galveston AERCO's Clean Cities/Clean Vehicles Program in Harris County. The contribution will be used in accordance with the *Supplemental Environmental Project Agreement between the Houston-Galveston AERCO and the Texas Commission on Environmental Quality*. SEP monies will be used to aid local school districts and area transit agencies in reaching local match requirements mandated by the Federal Highway Administration's ("FHWA") Congestion Mitigation/Air Quality funding program. SEP monies will be disbursed to school districts and transit agencies in need of funding assistance in the Houston-Galveston non-attainment area. Those SEP monies will be used exclusively by the school districts and transit agencies as supplements to meet the local match requirements of the EPA. SEP monies will be used to pay for the cost of replacing older diesel buses with alternative fueled or clean diesel buses. The old buses will be permanently retired and only sold for scrap. The schools and transit agencies will also use the SEP monies to retrofit more buses to reduce emissions. Houston-Galveston AERCO will send the TCEQ verification in the form of paid invoices and other documentation to show that the retrofits were completed. Retrofit technologies include particulate matter traps, diesel particulate matter filters, NOx reduction catalyst technology in combination with diesel particulate filters, and other emission control technologies that are developed and approved by EPA or the California Air Resources Board.

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

B. Environmental Benefit

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

C. Minimum Expenditure

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

2. Performance Schedule

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

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

3. Records and Reporting

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

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

4. Failure to Fully Perform

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

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

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

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The Respondent shall also mail a copy of the check to the TCEQ SEP Coordinator at the address in Section 3 above.

5. Publicity

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

6. Clean Texas Program

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

7. Other SEPs by TCEQ or Other Agencies

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

1. The first part of the document discusses the importance of maintaining accurate records of all transactions.

2. It is essential to ensure that all entries are supported by appropriate documentation and receipts.

Page 101

3. The second part of the document outlines the procedures for handling discrepancies and errors.

4. It is important to identify the cause of any errors and take corrective action immediately.

5. The final part of the document provides a summary of the key points and recommendations.



Penalty Calculation Worksheet (PCW)

Policy Revision 2 (September 2002)

PCW Revision November 17, 2006

TCEQ

DATES	Assigned	20-Nov-2006	Screening	29-Nov-2006	EPA Due	
	PCW	28-Nov-2006				

RESPONDENT/FACILITY INFORMATION	
Respondent	Exxon Mobil Corporation
Reg. Ent. Ref. No.	RN102212925
Facility/Site Region	12-Houston
Major/Minor Source	Major

CASE INFORMATION				
Enf./Case ID No.	31797	No. of Violations	1	
Docket No.	2006-2046-AIR-E	Order Type	1660	
Media Program(s)	Air Quality	Enf. Coordinator	John Muennink	
Multi-Media		EC's Team	EnforcementTeam 6	
Admin. Penalty \$	Limit Minimum	\$0	Maximum	\$10,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties)	Subtotal 1	\$2,500
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ADJUSTMENTS (+/-) TO SUBTOTAL 1

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

Compliance History	83% Enhancement	Subtotals 2, 3, & 7	\$2,075
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Notes: Enhancement due to 10 NOVs with same or similar violations, four NOVs with unrelated violations and one Findings Order.

Culpability	No	0% Enhancement	Subtotal 4	\$0
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Notes: Respondent does not meet the culpability criteria.

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

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

Good Faith Effort to Comply	0% Enhancement*	Subtotal 6	\$0
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Total EB Amounts	\$46	*Capped at the Total EB \$ Amount
Approx. Cost of Compliance	\$1,000	

SUM OF SUBTOTALS 1-7	Final Subtotal	\$4,575
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OTHER FACTORS AS JUSTICE MAY REQUIRE	Adjustment	\$0
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Reduces or enhances the Final Subtotal by the indicated percentage. (Enter number only; e.g. -30 for -30%.)

Notes:

Final Penalty Amount	\$4,575
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STATUTORY LIMIT ADJUSTMENT	Final Assessed Penalty	\$4,575
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DEFERRAL	20% Reduction	Adjustment	-\$915
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Reduces the Final Assessed Penalty by the indicated percentage. (Enter number only; e.g. 20 for 20% reduction.)

Notes:

Deferral offered for expedited settlement.

PAYABLE PENALTY	\$3,660
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Screening Date: 29-Nov-2006

Docket No.: 2006-2046-AIR-E

PCW

Respondent: Exxon Mobil Corporation

Policy Revision 2 (September 2002)

Case ID No.: 31797

PCW Revision November 17, 2006

Reg. Ent. Reference No.: RN102212925

Media [Statute]: Air Quality

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 NOVs meeting criteria)	10	50%
	Other written NOVs	4	8%
Orders	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	0	0%
	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	1	25%
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 judgments or consent decrees meeting criteria)	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 (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)	0	0%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	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) 83%

>> 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 10 NOVs with same or similar violations, four NOVs with unrelated violations and one Findings Order.

Total Adjustment Percentage (Subtotals 2, 3, & 7) 83%

Screening Date 29-Nov-2006

Docket No. 2006-2046-AIR-E

PCW

Respondent Exxon Mobil Corporation

Policy Revision 2 (September 2002)

Case ID No. 31797

PCW Revision November 17, 2006

Reg. Ent. Reference No. RN102212925

Media [Statute] Air Quality

Enf. Coordinator John Muennink

Violation Number 1

Rule Cite(s) 30 Tex. Admin. Code § 116.715(a), Tex. Health and Safety Code § 382.085(b) and Permit No. 3452, Special Condition No. 1

Violation Description Failed to prevent unauthorized emissions. Specifically, 901 pounds of 1,3 butadiene was released from the RC-01 Compressor during an emissions event that began on June 16, 2006 and lasted 59 minutes. Since these emissions were avoidable, The Respondent failed to meet the demonstrations necessary to present an affirmative defense in 30 Tex. Admin. Code § 101.222.

Base Penalty \$10,000

>> Environmental, Property and Human Health Matrix

Release	Harm			Percent
	Major	Moderate	Minor	
Actual			x	25%
Potential				

>> Programmatic Matrix

Falsification	Major	Moderate	Minor	Percent
				0%

Matrix Notes Human health or the environment 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 1 Number of violation days 1

daily	
monthly	
quarterly	
semiannual	
annual	
single event	x

mark only one with an x

Violation Base Penalty \$2,500

One single event is recommended.

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount \$46

Violation Final Penalty Total \$4,575

This violation Final Assessed Penalty (adjusted for limits) \$4,575

Economic Benefit Worksheet

Respondent: Exxon Mobil Corporation
Case ID No.: 31797
Reg. Ent. Reference No.: RN102212925
Media: Air Quality
Violation No.: 1

Percent Interest	Years of Depreciation
6.0	15

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

Delayed Costs

Equipment				0.0	\$0	\$0	\$0
Buildings				0.0	\$0	\$0	\$0
Other (as needed)				0.0	\$0	\$0	\$0
Engineering/construction				0.0	\$0	\$0	\$0
Land				0.0	\$0	n/a	\$0
Record Keeping System				0.0	\$0	n/a	\$0
Training/Sampling				0.0	\$0	n/a	\$0
Remediation/Disposal				0.0	\$0	n/a	\$0
Permit Costs				0.0	\$0	n/a	\$0
Other (as needed)	\$1,000	16-Jun-2006	19-May-2007	0.9	\$46	n/a	\$46

Notes for DELAYED costs

Estimated expense to implement measures designed to prevent the reoccurrence of emissions due to similar causes. Date required is the date of the emissions event. Final date is the estimated date that corrective actions will be completed.

Avoided Costs

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

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

Notes for AVOIDED costs

Approx. Cost of Compliance

\$1,000

TOTAL

\$46

Compliance History

Customer/Respondent/Owner-Operator:	CN600123939	Exxon Mobil Corporation	Classification: AVERAGE	Rating: 2.80
Regulated Entity:	RN102212925	EXXON MOBIL CHEMICAL BAYTOWN OLEFINS PLANT	Classification: AVERAGE	Site Rating: 0.73

ID Number(s):	WASTEWATER	PERMIT	WQ0002184000
	WASTEWATER	PERMIT	TX0077887000
	AIR NEW SOURCE PERMITS	PERMIT	3452
	AIR NEW SOURCE PERMITS	PERMIT	29094
	AIR NEW SOURCE PERMITS	PERMIT	34420
	AIR NEW SOURCE PERMITS	ACCOUNT NUMBER	HG0228H
	AIR NEW SOURCE PERMITS	PERMIT	52330
	AIR NEW SOURCE PERMITS	REGISTRATION	54793
	AIR NEW SOURCE PERMITS	PERMIT	54383
	AIR NEW SOURCE PERMITS	PERMIT	53401
	AIR NEW SOURCE PERMITS	AFS NUM	0257
	AIR NEW SOURCE PERMITS	REGISTRATION	56790
	AIR NEW SOURCE PERMITS	REGISTRATION	71717
	AIR NEW SOURCE PERMITS	PERMIT	P731M2
	AIR NEW SOURCE PERMITS	PERMIT	55105
	AIR NEW SOURCE PERMITS	PERMIT	55660
	AIR NEW SOURCE PERMITS	REGISTRATION	73880
	AIR NEW SOURCE PERMITS	REGISTRATION	74541
	AIR NEW SOURCE PERMITS	EPA ID	PSDTX302M1
	AIR NEW SOURCE PERMITS	EPA ID	PSDTX731M2
	AIR NEW SOURCE PERMITS	REGISTRATION	78611
	AIR NEW SOURCE PERMITS	REGISTRATION	78591
	AIR NEW SOURCE PERMITS	REGISTRATION	79047
	AIR NEW SOURCE PERMITS	REGISTRATION	80283
	INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID	TXD980625966
	INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)	31404
	AIR OPERATING PERMITS	PERMIT	1553
	AIR OPERATING PERMITS	ACCOUNT NUMBER	HG0228H

Location: 3525 DECKER DR, BAYTOWN, TX, 77520 Rating Date: September 01 06 Repeat Violator: NO

TCEQ Region: REGION 12 - HOUSTON
 Date Compliance History Prepared: November 28, 2006
 Agency Decision Requiring Compliance History: Enforcement
 Compliance Period: November 28, 2001 to November 28, 2006
 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 |

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: 07/22/2006

ADMINORDER 2005-2070-AIR-E

Classification: Minor

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

Description: Failed to submit initial notification within 24 hours after discovery of emissions event that occurred from August 17, 2004 to December 2, 2004.

Classification: Moderate

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

Rqmt Prov: 3452, Special Condition 1 PERMIT

Description: Failed to prevent the unauthorized emissions of 16,272 lbs of ethylene, 6,395 lbs of propylene and 91,264 lbs of carbon monoxide from the main burner vent valve during an emissions event that occurred from August 17, 2004 to December 2, 2004, lasting 2,568 hours.

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 07/02/2003 (119540)
- 2 07/16/2003 (47649)
- 3 12/19/2002 (10826)
- 4 06/20/2006 (503244)
- 5 07/17/2006 (503245)
- 6 12/21/2004 (339334)
- 7 05/19/2005 (373581)
- 8 06/19/2003 (40869)
- 9 08/13/2002 (6066)
- 10 08/31/2002 (9591)
- 11 12/06/2005 (376780)
- 12 12/13/2004 (287868)
- 13 06/28/2002 (3241)
- 14 10/23/2006 (509809)
- 15 05/20/2005 (373582)
- 16 05/30/2006 (479940)
- 17 08/31/2002 (10243)
- 18 09/03/2004 (280144)
- 19 11/08/2004 (339636)
- 20 10/07/2002 (10090)
- 21 08/17/2006 (525611)
- 22 09/19/2006 (525612)
- 23 09/30/2004 (280282)
- 24 02/19/2002 (203993)
- 25 02/21/2003 (203994)
- 26 08/16/2002 (6645)
- 27 05/24/2006 (463814)
- 28 05/31/2006 (464208)
- 29 05/24/2006 (464433)
- 30 02/10/2006 (438263)
- 31 05/05/2003 (28946)
- 32 03/18/2002 (203996)
- 33 03/21/2003 (203997)
- 34 09/02/2004 (279829)
- 35 06/30/2004 (271595)
- 36 04/18/2002 (204001)
- 37 01/06/2003 (16230)
- 38 08/31/2006 (510492)
- 39 04/22/2003 (204002)
- 40 03/21/2005 (341471)
- 41 09/02/2004 (279860)
- 42 05/30/2006 (479920)
- 43 05/16/2002 (204005)
- 44 07/26/2005 (400606)
- 45 05/30/2006 (479932)
- 46 05/22/2003 (204006)
- 47 09/01/2004 (288748)
- 48 08/31/2002 (4902)
- 49 09/30/2004 (287843)
- 50 09/30/2004 (287848)
- 51 08/13/2004 (277844)
- 52 06/20/2002 (204009)
- 53 11/15/2006 (515850)
- 54 08/15/2005 (404700)
- 55 08/16/2004 (278248)
- 56 06/23/2003 (204010)
- 57 07/14/2005 (392795)
- 58 08/16/2004 (277845)
- 59 05/05/2003 (29004)
- 60 05/30/2006 (479928)

61	07/22/2002	(204013)
62	08/29/2006	(480895)
63	07/22/2003	(204014)
64	06/25/2003	(96672)
65	10/31/2004	(287875)
66	08/23/2002	(204017)
67	04/10/2003	(29966)
68	02/21/2003	(204018)
69	02/09/2004	(259540)
70	06/28/2002	(3177)
71	10/31/2004	(289550)
72	07/14/2005	(396285)
73	07/17/2006	(481459)
74	05/30/2006	(479945)
75	10/31/2004	(289551)
76	02/23/2004	(314720)
77	09/16/2002	(204021)
78	09/30/2004	(289552)
79	09/30/2004	(289553)
80	03/22/2003	(314722)
81	08/24/2006	(480881)
82	04/07/2003	(23967)
83	03/25/2005	(374513)
84	10/31/2004	(289554)
85	09/01/2004	(277846)
86	04/19/2004	(314723)
87	05/25/2005	(349417)
88	10/21/2002	(204024)
89	12/13/2004	(289555)
90	07/14/2004	(360120)
91	05/18/2004	(314725)
92	12/13/2004	(289556)
93	08/20/2004	(360121)
94	08/24/2005	(397056)
95	09/01/2004	(288665)
96	07/14/2005	(392796)
97	09/21/2004	(360122)
98	09/30/2004	(289557)
99	06/17/2004	(314727)
100	11/22/2002	(204028)
101	10/19/2004	(360123)
102	11/16/2004	(360124)
103	08/29/2005	(405282)
104	12/20/2004	(360125)
105	09/01/2004	(288722)
106	09/19/2003	(314731)
107	12/17/2001	(204031)
108	10/26/2004	(292713)
109	05/30/2006	(479910)
110	08/31/2002	(4912)
111	12/17/2002	(204032)
112	10/21/2003	(314733)
113	11/21/2003	(314734)
114	05/10/2005	(339150)
115	12/29/2003	(314735)
116	08/31/2002	(9413)
117	01/18/2002	(204035)
118	09/19/2003	(314736)
119	01/23/2003	(204036)
120	09/30/2004	(289561)
121	08/16/2004	(277785)
122	02/14/2005	(386364)
123	04/04/2003	(29321)
124	06/28/2002	(3145)
125	09/22/2006	(513668)
126	03/18/2005	(386365)
127	09/03/2004	(279795)
128	01/14/2005	(386366)
129	08/07/2006	(488663)
130	11/29/2004	(339359)
131	10/14/2002	(11512)
132	09/30/2004	(289677)

133 12/13/2004 (289563)
134 08/05/2005 (403334)
135 06/25/2003 (99067)
136 07/03/2002 (3285)
137 09/30/2004 (289566)
138 05/29/2003 (31277)
139 09/01/2004 (278352)
140 09/03/2004 (280037)
141 07/19/2005 (445026)
142 09/30/2004 (289679)
143 08/06/2002 (7039)
144 11/08/2004 (339632)
145 01/08/2002 (103243)
146 08/10/2005 (445027)
147 09/03/2004 (280123)
148 01/24/2002 (103244)
149 08/28/2003 (152674)
150 07/28/2006 (465223)
151 09/20/2005 (445028)
152 07/14/2005 (392797)
153 02/04/2002 (103245)
154 02/04/2002 (103246)
155 10/24/2005 (445029)
156 02/07/2002 (103247)
157 11/09/2004 (339460)
158 04/18/2005 (424253)
159 09/30/2004 (287862)
160 02/07/2002 (103248)
161 05/31/2006 (341397)
162 05/17/2005 (424254)
163 02/07/2002 (103249)
164 01/19/2006 (439145)
165 02/07/2002 (103250)
166 08/13/2002 (6041)
167 06/17/2005 (424255)
168 02/07/2002 (103251)
169 12/13/2004 (271258)
170 08/31/2002 (9080)
171 02/13/2002 (103252)
172 02/03/2006 (437332)
173 02/21/2002 (103253)
174 11/16/2006 (519233)
175 02/22/2002 (103254)
176 11/29/2004 (339626)
177 09/03/2004 (279817)
178 02/26/2002 (103255)
179 03/28/2006 (452535)
180 02/26/2002 (103256)
181 02/26/2002 (103257)
182 08/29/2006 (480887)
183 02/26/2002 (103258)
184 02/26/2002 (103259)
185 02/28/2006 (457054)
186 03/01/2002 (103260)
187 06/18/2004 (271703)
188 08/13/2004 (278593)
189 02/21/2006 (476045)
190 09/03/2004 (280111)
191 11/28/2005 (476046)
192 03/04/2002 (103261)
193 09/30/2004 (287902)
194 12/20/2005 (476047)
195 09/30/2004 (288587)
196 06/18/2004 (271704)
197 08/31/2004 (278199)
198 01/23/2006 (476048)
199 02/07/2006 (433592)
200 03/20/2006 (503241)
201 04/22/2005 (377892)
202 08/31/2002 (8103)
203 04/21/2006 (503242)
204 05/22/2006 (503243)

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

Date: 05/23/2006 (463814)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Rqmt Prov: PERMIT IA
 Description: Exxon/Mobil failed to maintain the RC-01 Butadiene Compressor.
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(H)
 Description: Exxon/Mobil failed to identify TCEQ Air Permit No. 3452 governing the facilities involved in emissions event (Incident No. 69812).
 Date: 08/25/2006 (480887)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 5C THC Chapter 382, SubChapter D 382.085(b)
 Rqmt Prov: PERMIT IA
 Description: ExxonMobil failed to maintain the liquid hydrocarbons levels in the MD-16, the Cold Blowdown Drum.
 Date: 05/10/2005 (339150)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(1)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Description: ExxonMobil BOP had an avoidable emissions event during Incident 49018,
 Date: 05/31/2006 (464208)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Rqmt Prov: OP IA
 PERMIT IA
 Description: Failed to prevent the exceedence of the annual firing rate limit, which occurred from February 1, 2005 through February 28, 2005.
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 117, SubChapter B 117.206(e)(2)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Description: Failed to prevent the incorrect calibration of the analyzer resulting in excess ammonia being injected into the system causing a exceedence in the 24-hour rolling average concentration, which occurred from March 21, 2005, 6:00 a.m.
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 115, SubChapter H 115.781(b)(3)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Rqmt Prov: OP IA
 PERMIT IA
 Description: Failed to monitor a flange (LDAR tag #13300.1) in HRVOC service for two quarters (April 1, 2005 through October 2, 2005).
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 30 TAC Chapter 122, SubChapter B 122.145(2)(A)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Rqmt Prov: OP IA
 Description: Failed to include non-reportable emissions events and start-up activities that occurred during the certification period as deviations in the deviation reports dated July 15, 2005 and January 13, 2006.
 Date: 07/28/2006 (465223)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(H)
 Description: Exxon/Mobil failed to identify TCEQ Air Permit No. 3452 as the governing authorization for the facilities involved in emissions event (Incident No. 70899).
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: PERMIT IA
Description: Exxon/Mobil failed to maintain the NT-02 bottom's balance lines.
Date: 08/25/2006 (480895)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: PERMIT IA
Description: ExxonMobil Chemical Baytown failed to maintain the protective relay to the XVCM-02 compressor motor which resulted in the release of 1,621 pounds of unauthorized volatile organic compounds (VOC) to the atmosphere.
Date: 02/06/2006 (437332)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA
Description: Failure to prevent unauthorized emissions.
Date: 05/20/2005 (373582)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)
Description: BOP had an avoidable emissions event during Incident 51478. Incident was not reported on time. Incident was not excessive.
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)
Description: BOP had a late report during incident 51478. Not excessive.
Date: 10/27/2002 (10090)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
Description: Failure to control emissions.
Date: 07/14/2005 (396285)
Self Report? NO
Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(8)
Description: Failure to identify the preconstruction authorization number governing the facility involved in the emissions event.
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA
Description: Unauthorized emissions as a consequence of failure to comply with the reporting requirements.
Date: 11/16/2006 (519233)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: PA IA
Description: Failure to prevent an avoidable emissions event.
Date: 04/08/2003 (29321)
Self Report? NO
Classification: Major
Citation: 30 TAC Chapter 101, SubChapter F 101.222(b)(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
Description: Failure to control VOC emissions during a routine process operation.
Date: 02/06/2006 (433592)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: PERMIT IA
Description: Failure to prevent unauthorized emissions.
Date: 03/01/2002 (103260)
Self Report? NO
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
Description: NSPS STANDARDS

F. Environmental audits.

N/A

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
EXXON MOBIL CORPORATION
RN102212925

§
§
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BEFORE THE
TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY

AGREED ORDER
DOCKET NO. 2006-2046-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 Exxon Mobil Corporation ("Exxon") 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 Exxon appear before the Commission and together stipulate that:

1. Exxon owns and operates a chemical company at 3525 Decker Drive in 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 Exxon agree that the Commission has jurisdiction to enter this Agreed Order, and that Exxon is subject to the Commission's jurisdiction.
4. Exxon received notice of the violations alleged in Section II ("Allegations") on or about November 18, 2006.
5. The occurrence of any violation is in dispute and the entry of this Agreed Order shall not constitute an admission by Exxon of any violation alleged in Section II ("Allegations"), nor of any statute or rule.
6. An administrative penalty in the amount of Four Thousand Five Hundred Seventy-Five Dollars (\$4,575) is assessed by the Commission in settlement of the violations alleged in Section II ("Allegations"). Exxon has paid One Thousand Eight Hundred Thirty Dollars (\$1,830) of the administrative penalty. One Thousand Eight Hundred Thirty Dollars (\$1,830) shall be

- conditionally offset by Exxon's completion of a Supplemental Environmental Project ("SEP") and Nine Hundred Fifteen Dollars (\$915) is deferred contingent upon Exxon's timely and satisfactory compliance with all the terms of this Agreed Order. The deferred amount will be waived upon full compliance with the terms of this Agreed Order. If Exxon fails to timely and satisfactorily comply with all requirements of this Agreed Order, the Executive Director may require Exxon to pay all or part of the deferred penalty.
7. Any notice and procedures, which might otherwise be authorized or required in this action, are waived in the interest of a more timely resolution of the matter.
 8. The Executive Director of the TCEQ and Exxon have agreed on a settlement of the matters alleged in this enforcement action, subject to the approval of the Commission.
 9. 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 Exxon has not complied with one or more of the terms or conditions in this Agreed Order.
 10. 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.
 11. 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, Exxon is alleged to have failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE § 116.715(a), TEX. HEALTH AND SAFETY CODE § 382.085(b) and Permit No. 3452, Special Condition No. 1, as documented during a record review conducted on October 10, 2006. Specifically, 901 pounds of 1,3 butadiene was released from the RC-01 Compressor during an emissions event that began on June 16, 2006 and lasted 59 minutes. Since these emissions were avoidable, Exxon failed to meet the demonstrations necessary to present an affirmative defense in 30 TEX. ADMIN. CODE § 101.222.

III. DENIALS

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

IV. ORDERING PROVISIONS

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the integrity of the financial system and for the ability to detect and prevent fraud. The text notes that without reliable records, it would be difficult to verify the accuracy of financial statements and to identify any irregularities.

2. The second part of the document outlines the specific requirements for record-keeping. It states that all transactions must be recorded in a clear and concise manner, using standardized formats and codes. The text also mentions that records should be maintained for a minimum of five years, and that they should be readily accessible for review and audit. Additionally, it highlights the need for regular backups and secure storage of records to prevent data loss or tampering.

3. The third part of the document discusses the role of internal controls in ensuring the accuracy and reliability of financial records. It explains that internal controls are designed to prevent errors and fraud, and to ensure that all transactions are properly authorized and recorded. The text notes that a strong internal control system is essential for the overall health and stability of the organization, and that it should be regularly reviewed and updated to reflect changes in the business environment.

4. The fourth part of the document discusses the importance of transparency and accountability in financial reporting. It states that organizations should provide clear and detailed information about their financial performance, and that they should be held accountable for any discrepancies or irregularities. The text also mentions that transparency is essential for building trust with investors, creditors, and other stakeholders, and that it is a key factor in determining the creditworthiness of an organization. Finally, it notes that transparency and accountability are also important for the overall integrity of the financial system.

5. The fifth part of the document discusses the role of external audits in ensuring the accuracy and reliability of financial records. It explains that external audits are conducted by independent auditors who are not affiliated with the organization being audited. The text notes that external audits provide an objective assessment of the organization's financial statements, and that they are essential for ensuring the integrity of the financial system. Additionally, it mentions that external audits can help identify areas for improvement and provide valuable insights into the organization's financial performance.

1. It is, therefore, ordered by the TCEQ that Exxon pay an administrative penalty as set forth in Section I, Paragraph 6 above. The payment of this administrative penalty and Exxon'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. Administrative penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: Exxon Mobil Corporation, Docket No. 2006-2046-AIR-E" to:

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

2. Exxon shall implement and complete a SEP in accordance with TEX. WATER CODE § 7.067. As set forth in Section I, Paragraph 6 above, One Thousand Eight Hundred Thirty Dollars (\$1,830) of the assessed administrative penalty shall be offset with the condition that Exxon implement the SEP defined in Attachment A, incorporated herein by reference. Exxon'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. It is further ordered that Exxon shall undertake the following technical requirements:
 - a. Within 30 days after the effective date of this Agreed Order, implement measures designed to prevent the reoccurrence of emissions due to similar causes; and
 - b. Within 45 days after the effective date of this Agreed Order, submit written certification to certify compliance with Ordering Provision 3.a.

The certification shall be notarized by a State of Texas Notary Public and include 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 fine and imprisonment for knowing violations."

The certification shall be submitted to:

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

with a copy to:

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data. The text also mentions that regular audits are necessary to identify any discrepancies or errors in the accounting process.

Furthermore, it is noted that the accounting system should be designed to be user-friendly and efficient. This means that the software used should have a clear interface and be easy to navigate. Additionally, the system should be able to generate reports and statements in a timely and accurate manner. This helps in making informed decisions based on the financial data.

In conclusion, the document highlights the significance of a robust accounting system for the success of any business. It stresses the need for accuracy, transparency, and efficiency in all financial transactions. By following the guidelines provided, businesses can ensure that their financial records are reliable and up-to-date.

The second part of the document focuses on the role of the accounting department in providing valuable insights to management. It explains how the department can analyze financial data to identify trends, opportunities, and risks. This information is crucial for strategic planning and decision-making.

Moreover, the accounting department is responsible for ensuring compliance with all relevant laws and regulations. This involves staying up-to-date with changes in tax laws and other financial regulations. The department should also maintain proper documentation to support all financial transactions and reports.

Overall, the document provides a comprehensive overview of the accounting process and its importance for businesses. It offers practical advice on how to set up and maintain an effective accounting system. By implementing these best practices, businesses can achieve financial stability and long-term success.

The document concludes by reiterating the key points discussed throughout. It emphasizes that a strong accounting foundation is essential for the growth and sustainability of any organization. The accounting department should be viewed as a strategic partner that provides valuable insights and ensures the integrity of the company's financial records.

Air Quality 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 Exxon. Exxon is ordered to give notice of the Agreed Order to personnel who maintain day-to-day control over the operations referenced in this Agreed Order.
5. If Exxon 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, Exxon's failure to comply is not a violation of this Agreed Order. Exxon shall have the burden of establishing to the Executive Director's satisfaction that such an event has occurred. Exxon shall notify the Executive Director within seven days after Exxon 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 Exxon shall be made in writing to the Executive Director. Extensions are not effective until Exxon receives written approval from the Executive Director. The determination of what constitutes good cause rests solely with the Executive Director.
7. This Agreed Order, issued by the Commission, shall not be admissible against Exxon in a civil proceeding, unless the proceeding is brought by the OAG to: (1) enforce the terms of this Agreed Order; or (2) pursue violations of a statute within the Commission's jurisdiction, or of a rule adopted or an order or permit issued by the Commission under such a statute.
8. This agreement may be executed in multiple counterparts, which together shall constitute a single original instrument. Any executed signature page to this Agreement may be transmitted by facsimile transmission to the other parties, which shall constitute an original signature for all purposes.
9. Under 30 TEX. ADMIN. CODE § 70.10(b), the effective date is the date of hand-delivery of the Order to Exxon, or three days after the date on which the Commission mails notice of the Order to Exxon, whichever is earlier. The Chief Clerk shall provide a copy of this Agreed Order to each of the parties.

Section 1: Introduction

The first paragraph discusses the importance of the study and its objectives.

The second paragraph provides a detailed overview of the methodology used in the research.

The third paragraph presents the results of the study, highlighting key findings.

The fourth paragraph discusses the implications of the research and its contribution to the field.

The fifth paragraph concludes the study and offers final thoughts on the research.

The sixth paragraph provides a summary of the main points discussed in the paper.

SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission



For the Executive Director

5/24/07

Date

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, if any, indicated below my signature, and I do agree to the terms and conditions specified therein. I further acknowledge that the TCEQ, in accepting payment for the penalty amount, is materially relying on such representation.

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

- A negative impact on my compliance history;
- Greater scrutiny of any permit applications submitted by me;
- 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 against me;
- Automatic referral to the Attorney General's Office of any future enforcement actions against me; and
- TCEQ seeking other relief as authorized by law.

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



Signature

2/2/07

Date

Darria Talley

Name (Printed or typed)
Authorized Representative of
Exxon Mobil Corporation

Plant Manager

Title

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

Attachment A
Docket Number: 2006-2046-AIR-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:	Exxon Mobil Corporation
Payable Penalty Amount:	Three Thousand Six Hundred-Sixty Dollars (\$3,660)
SEP Amount:	One Thousand Eight Hundred Thirty Dollars (\$1,830)
Type of SEP:	Pre-approved
Third-Party Recipient:	Houston-Galveston AERCO's Clean Cities/Clean Vehicles Program
Location of SEP:	Harris County

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

1. Project Description

A. Project

The Respondent will contribute to Houston-Galveston AERCO's Clean Cities/Clean Vehicles Program in Harris County. The contribution will be used in accordance with the *Supplemental Environmental Project Agreement between the Houston-Galveston AERCO and the Texas Commission on Environmental Quality*. SEP monies will be used to aid local school districts and area transit agencies in reaching local match requirements mandated by the Federal Highway Administration's ("FHWA") Congestion Mitigation/Air Quality funding program. SEP monies will be disbursed to school districts and transit agencies in need of funding assistance in the Houston-Galveston non-attainment area. Those SEP monies will be used exclusively by the school districts and transit agencies as supplements to meet the local match requirements of the EPA. SEP monies will be used to pay for the cost of replacing older diesel buses with alternative fueled or clean diesel buses. The old buses will be permanently retired and only sold for scrap. The schools and transit agencies will also use the SEP monies to retrofit more buses to reduce emissions. Houston-Galveston AERCO will send the TCEQ verification in the form of paid invoices and other documentation to show that the retrofits were completed. Retrofit technologies include particulate matter traps, diesel particulate matter filters, NOx reduction catalyst technology in combination with diesel particulate filters, and other emission control technologies that are developed and approved by EPA or the California Air Resources Board.

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

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

LABORATORY REPORT

Name: _____ Date: _____

Section: _____

EXPERIMENT

OBJECTIVE

The objective of this experiment is to determine the molar mass of a volatile liquid by measuring the mass of a known volume of the liquid vaporized in a flask of known volume at a known temperature and pressure.

PROCEDURE

1. Preparation of the flask

The flask was weighed and then filled with water to determine its volume. The water was then removed and the flask was dried.

The flask was then weighed again and the mass of the water was determined. The volume of the flask was calculated from the mass of the water and its density.

The flask was then weighed again and the mass of the water was determined. The volume of the flask was calculated from the mass of the water and its density.

The flask was then weighed again and the mass of the water was determined. The volume of the flask was calculated from the mass of the water and its density.

The flask was then weighed again and the mass of the water was determined. The volume of the flask was calculated from the mass of the water and its density.

The flask was then weighed again and the mass of the water was determined. The volume of the flask was calculated from the mass of the water and its density.

RESULTS AND DISCUSSION

The results of the experiment show that the molar mass of the volatile liquid is approximately _____ g/mol. This value is in good agreement with the theoretical molar mass of _____.

B. Environmental Benefit

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

C. Minimum Expenditure

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

2. Performance Schedule

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

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

3. Records and Reporting

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

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

4. Failure to Fully Perform

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

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

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

1. The first part of the document discusses the importance of maintaining accurate records of all transactions.

2. It is essential to ensure that all entries are supported by appropriate evidence and documentation.

3. The second part of the document outlines the various methods used to collect and analyze data.

4. These methods include both qualitative and quantitative approaches, each with its own strengths and limitations.

5. The third part of the document provides a detailed overview of the theoretical framework underlying the research.

6. This framework is based on a combination of established theories and new insights from recent research.

7. The fourth part of the document describes the specific procedures and protocols used in the study.

8. These procedures were designed to ensure the reliability and validity of the data collected.

9. The fifth part of the document presents the results of the study, which show a clear relationship between the variables.

10. These results are consistent with the theoretical framework and provide valuable insights into the phenomenon being studied.

11. The sixth part of the document discusses the implications of the findings for practice and policy.

12. These implications suggest that the findings have significant relevance for the field and beyond.

13. The seventh part of the document concludes the study and offers suggestions for future research.

14. These suggestions are based on the limitations of the current study and the need for further exploration.

15. The eighth part of the document provides a summary of the key findings and conclusions.

16. This summary highlights the most important aspects of the study and its contribution to the field.

17. The final part of the document includes a list of references and a list of authors.

18. These references provide a comprehensive overview of the literature related to the study.

The Respondent shall also mail a copy of the check to the TCEQ SEP Coordinator at the address in Section 3 above.

5. Publicity

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

6. Clean Texas Program

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

7. Other SEPs by TCEQ or Other Agencies

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

