

Executive Summary – Enforcement Matter – Case No. 59042
Exxon Mobil Corporation
RN102579307
Docket No. 2020-0394-AIR-E

Order Type:

1660 Agreed Order

Findings Order Justification:

N/A

Media:

AIR

Small Business:

No

Location(s) Where Violation(s) Occurred:

Exxon Mobil Baytown Refinery, 2800 Decker Drive, Baytown, Harris County

Type of Operation:

Petrochemical refinery

Other Significant Matters:

Additional Pending Enforcement Actions: Yes, Docket Nos. 2021-1028-AIR-E, 2021-0339-AIR-E, 2020-1402-AIR-E, and 2020-1401-AIR-E

Past-Due Penalties: No

Other: N/A

Interested Third-Parties: None

Texas Register Publication Date: January 7, 2022

Comments Received: No

Penalty Information

Total Penalty Assessed: \$26,250

Amount Deferred for Expedited Settlement: \$5,250

Total Paid to General Revenue: \$10,500

Total Due to General Revenue: \$0

Payment Plan: N/A

Supplemental Environmental Project (“SEP”) Conditional Offset: \$10,500

Name of SEP: Houston Regional Monitoring Corporation (Third-Party Pre-Approved)

Compliance History Classifications:

Person/CN - Satisfactory

Site/RN - Satisfactory

Major Source: Yes

Statutory Limit Adjustment: N/A

Applicable Penalty Policy: April 2014

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RN102579307
Docket No. 2020-0394-AIR-E

Investigation Information

Complaint Date(s): N/A

Complaint Information: N/A

Date(s) of Investigation: September 26, 2018 through December 5, 2018 and September 24, 2019 through November 8, 2019

Date(s) of NOE(s): February 5, 2020 and February 25, 2020

Violation Information

1. Failed to prevent unauthorized emissions. Specifically, the Respondent released 8,324.65 pounds ("lbs") of carbon monoxide ("CO"), 57.00 lbs of hydrogen sulfide ("H₂S"), 2,415.94 lbs of nitrogen oxides ("NO_x"), 7,570.65 lbs of sulfur dioxide ("SO₂"), 40,296.52 lbs of volatile organic compounds ("VOC"), 12.70 lbs of ammonia ("NH₃"), 21.60 lbs of hydrogen cyanide ("HCN"), 497.30 lbs of sulfuric acid ("H₂SO₄"), and 3,325.30 lbs of particulate matter ("PM") from multiple Emissions Point Numbers ("EPNs") as shown in Attachment B, during an emissions event (Incident No. 276554) that began on January 16, 2018 and lasted 111 hours and 38 minutes. The emissions event occurred due to insufficient cold weather preparation, during cold weather conditions, resulting in flaring and releases to the atmosphere. Since the emissions event was not caused by a sudden, unavoidable breakdown of equipment or process beyond the control of the owner or operator and could have been avoided by better design and/or better operational and maintenance practices, the Respondent is precluded from asserting an affirmative defense under 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE §§ 101.20(3), 116.715(a), and 122.143(4), Flexible Permit Nos. 18287, PSDTX730M4, and PAL7, Special Conditions ("SC") No. 1, Federal Operating Permit ("FOP") No. O1229, General Terms and Conditions ("GTC") and Special Terms and Conditions ("STC") Nos. 32 and 36.A, and TEX. HEALTH & SAFETY CODE § 382.085(b)].

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2. Failed to prevent unauthorized emissions. Specifically, the Respondent released 11,628.18 lbs of CO, 249.81 lbs of H₂S, 7,624.60 lbs of NO_x, 22,647.28 lbs of SO₂, and 11,095.19 lbs of VOC from multiple EPNs as shown in Attachment C, during an emissions event (Incident No. 288282) that began on July 14, 2018 and lasted 137 hours and 29 minutes. The emissions event occurred due to a snake infiltrating the Substation 39 area that caused a power interruption, resulting in flaring and in releases to the atmosphere. Since the emissions event was not caused by a sudden, unavoidable breakdown of equipment or process beyond the control of the owner or operator, the emissions event could have been avoided by better design and/or better operational and maintenance practices, and the amount and duration of the unauthorized emissions and any bypass of pollution control equipment were not minimized and all possible steps were not taken to minimize the impact of the unauthorized emissions on ambient air quality, the Respondent is precluded from asserting an affirmative defense under 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE §§ 101.20(3), 116.715(a), and 122.143(4), Flexible Permit Nos. 18287, PSDTX730M4, and PAL7, SC No. 1, FOP No. O1229, GTC and STC Nos. 32 and 36.A, and TEX. HEALTH & SAFETY CODE § 382.085(b)].

Corrective Actions/Technical Requirements

Corrective Action(s) Completed:

The Respondent implemented the following corrective measures:

a. By October 24, 2018, evaluated and improved the animal management system to include personnel from the Electrical Distribution System ("EDS") Group in quarterly stewardship of wildlife management practices and added quarterly reviews of trap locations and wildlife captures, shared the incident with personnel from other sites and developed a Job Loss Analysis to assist operations personnel when commissioning or recommissioning proportions of the EDS, conducted an evaluation of the Fluid Catalytic Cracking Unit 3 Air blower Inlet Guide Vanes ("IGV") logic that included improved logic to automatically place the IGVs in "manual" mode when an electrical fault is sensed, and added an alarm to the console operator's screen to notify the operator of the switch to "manual" mode in order to prevent the recurrence of emissions events due to the same or similar causes as Incident No. 288282; and

b. By October 25, 2019, rerouted the Gofiner Unit 1 instrumentation to mitigate exposure to potentially adverse weather conditions, updated the winterization procedures for the Light Ends Fractionation Unit to require steam tracing to the Deisobutanizer Tower T-600 pressure sensor and annual checks, and identified an extra step in the procedures for the Catalytic Light Ends Unit 3 to include specific steps to place certain steam control valves in "back up" control in order to prevent the recurrence of emissions events due to the same or similar causes as Incident No. 276554.

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Technical Requirements:

The Order will require the Respondent to implement and complete a SEP (see SEP Attachment A).

Contact Information

TCEQ Attorney: N/A

TCEQ Enforcement Coordinator: Margarita Dennis, Enforcement Division, Enforcement Team 5, MC R-04, (817) 588-5892; Michael Parrish, Enforcement Division, MC 219, (512) 239-2548

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

SEP Third-Party Administrator: Houston Regional Monitoring Corporation
c/o Christopher B. Amandes, Amandes PLLC, 1414 West Clay Street, Houston, Texas
77019

Respondent: Joshua A. Kinninger, Enforcement Advisor, Exxon Mobil Corporation,
P.O. Box 4004, Baytown, Texas 77522

Rohan Davis, Baytown Refinery Manager, Exxon Mobil Corporation, P.O. Box 4004,
Baytown, Texas 77522

Respondent's Attorney: N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 4 (April 2014)

PCW Revision March 26, 2014

DATES	Assigned	10-Feb-2020			
	PCW	26-Sep-2021	Screening	14-Feb-2020	EPA Due

RESPONDENT/FACILITY INFORMATION					
Respondent	Exxon Mobil Corporation				
Reg. Ent. Ref. No.	RN102579307				
Facility/Site Region	12-Houston	Major/Minor Source	Major		

CASE INFORMATION					
Enf./Case ID No.	59042	No. of Violations	2		
Docket No.	2020-0394-AIR-E	Order Type	1660		
Media Program(s)	Air	Government/Non-Profit	No		
Multi-Media		Enf. Coordinator	Margarita Dennis		
		EC's Team	Enforcement Team 5		
Admin. Penalty \$ Limit	Minimum	\$0	Maximum	\$25,000	

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties)	Subtotal 1	\$15,000
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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	100.0%	Adjustment	Subtotals 2, 3, & 7	\$15,000
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Notes: Enhancement for two NOV's with same/similar violations, five NOV's with dissimilar violations, seven orders containing a denial of liability, and two orders without a denial of liability. Reduction for one notice of intent to conduct an audit.

Culpability	No	0.0%	Enhancement	Subtotal 4	\$0
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Notes: The Respondent does not meet the culpability criteria.

Good Faith Effort to Comply Total Adjustments	Subtotal 5	-\$3,750
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Economic Benefit	0.0%	Enhancement*	Subtotal 6	\$0
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Total EB Amounts	\$1,030	*Capped at the Total EB \$ Amount
Estimated Cost of Compliance	\$20,039	

SUM OF SUBTOTALS 1-7	Final Subtotal	\$26,250
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OTHER FACTORS AS JUSTICE MAY REQUIRE	0.0%	Adjustment	\$0
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Reduces or enhances the Final Subtotal by the indicated percentage.

Notes:

Final Penalty Amount	\$26,250
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STATUTORY LIMIT ADJUSTMENT	Final Assessed Penalty	\$26,250
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DEFERRAL	20.0%	Reduction	Adjustment	-\$5,250
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Reduces the Final Assessed Penalty by the indicated percentage.

Notes:

Deferral offered for expedited settlement.

PAYABLE PENALTY	\$21,000
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Screening Date 14-Feb-2020

Docket No. 2020-0394-AIR-E

PCW

Respondent Exxon Mobil Corporation

Policy Revision 4 (April 2014)

Case ID No. 59042

PCW Revision March 26, 2014

Reg. Ent. Reference No. RN102579307

Media Air

Enf. Coordinator Margarita Dennis

Compliance History Worksheet

>> Compliance History Site Enhancement (Subtotal 2)

Component	Number of...	Number	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>)	2	10%
	Other written NOVs	5	10%
Orders	Any agreed final enforcement orders containing a denial of liability (<i>number of orders meeting criteria</i>)	7	140%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	2	50%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (<i>number of judgments 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%
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) 209%

>> 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 two NOVs with same/similar violations, five NOVs with dissimilar violations, seven orders containing a denial of liability, and two orders without a denial of liability. Reduction for one notice of intent to conduct an audit.

Total Compliance History Adjustment Percentage (Subtotals 2, 3, & 7) 209%

>> Final Compliance History Adjustment

Final Adjustment Percentage *capped at 100% 100%

Screening Date 14-Feb-2020
Respondent Exxon Mobil Corporation
Case ID No. 59042
Reg. Ent. Reference No. RN102579307
Media Air
Enf. Coordinator Margarita Dennis

Docket No. 2020-0394-AIR-E

PCW

*Policy Revision 4 (April 2014)
 PCW Revision March 26, 2014*

Violation Number 1

Rule Cite(s) 30 Tex. Admin. Code §§ 101.20(3), 116.715(a), and 122.143(4), Flexible Permit Nos. 18287, PSDTX730M4, and PAL7, Special Conditions ("SC") No. 1, Federal Operating Permit ("FOP") No. O1229, General Terms and Conditions ("GTC") and Special Terms and Conditions ("STC") Nos. 32 and 36.A, and Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to prevent unauthorized emissions. Specifically, the Respondent released 8,324.65 pounds ("lbs") of carbon monoxide ("CO"), 57.00 lbs of hydrogen sulfide ("H2S"), 2,415.94 lbs of nitrogen oxides ("NOx"), 7,570.65 lbs of sulfur dioxide ("SO2"), 40,296.52 lbs of volatile organic compounds ("VOC"), 12.70 lbs of ammonia ("NH3"), 21.60 lbs of hydrogen cyanide ("HCN"), 497.30 lbs of sulfuric acid ("H2SO4"), and 3,325.30 lbs of particulate matter ("PM") from multiple Emissions Point Numbers ("EPNs") (see attached Emissions Event Table [Incident No. 276554]), during an emissions event (Incident No. 276554) that began on January 16, 2018 and lasted 111 hours and 38 minutes. The emissions event occurred due to insufficient cold weather preparation, during cold weather conditions, resulting in flaring and releases to the atmosphere. Since the emissions event was not caused by a sudden, unavoidable breakdown of equipment or process beyond the control of the owner or operator and could have been avoided by better design and/or better operational and maintenance practices, the Respondent is precluded from asserting an affirmative defense under 30 Tex. Admin. Code § 101.222.

Base Penalty \$25,000

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

OR	Release	Harm			Percent
		Major	Moderate	Minor	
	Actual		x		30.0%
	Potential				

>> **Programmatic Matrix**

Matrix Notes	Falsification	Harm			Percent
		Major	Moderate	Minor	
					0.0%

Based on the Air Quality Analysis Audit performed on the air dispersion modeling that was submitted by the Respondent, human health or the environment has been exposed to significant amounts of pollutants that did not 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 5 Number of violation days

daily	
weekly	
monthly	x
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty \$7,500

One monthly event is recommended.

Good Faith Efforts to Comply

25.0% Reduction \$1,875

	Before NOE/NOV	NOE/NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary	x	
N/A		

Notes The Respondent achieved compliance by October 25, 2019, prior to the Notice of Enforcement ("NOE") dated February 5, 2020.

Violation Subtotal \$5,625

Economic Benefit (EB) for this violation

Estimated EB Amount \$890

Statutory Limit Test

Violation Final Penalty Total \$13,125

This violation Final Assessed Penalty (adjusted for limits) \$13,125

Economic Benefit Worksheet

Respondent Exxon Mobil Corporation
Case ID No. 59042
Reg. Ent. Reference No. RN102579307
Media Air
Violation No. 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Costs Saved	EB Amount
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Delayed Costs

Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/Construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$10,039	16-Jan-2018	25-Oct-2019	1.77	\$890	n/a	\$890

Notes for DELAYED costs

Actual cost as provided by the Respondent to reroute the Gofiner Unit 1 instrumentation to mitigate exposure to potentially adverse weather conditions, update the winterization procedures for the Light Ends Fractionation Unit to require steam tracing to the Deisobutanizer Tower T-600 pressure sensor and annual checks, and identify an extra step in the procedures for the Catalytic Light Ends Unit 3 to include specific steps to place certain steam control valves in "back up" control in order to prevent the recurrence of emissions events due to the same or similar causes as Incident No. 276554. Date Required is the date the emissions event began. Final Date is the date of compliance.

Avoided Costs

ANNUALIZE 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				0.00	\$0	\$0	\$0
ONE-TIME avoided costs				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0

Notes for AVOIDED costs

Approx. Cost of Compliance

\$10,039

TOTAL

\$890

Screening Date 14-Feb-2020
Respondent Exxon Mobil Corporation
Case ID No. 59042
Reg. Ent. Reference No. RN102579307
Media Air
Enf. Coordinator Margarita Dennis

Docket No. 2020-0394-AIR-E

PCW

Policy Revision 4 (April 2014)
PCW Revision March 26, 2014

Violation Number

Rule Cite(s) 30 Tex. Admin. Code §§ 101.20(3), 116.715(a), and 122.143(4), Flexible Permit Nos. 18287, PSDTX730M4, and PAL7, SC No. 1, FOP No. O1229, GTC and STC Nos. 32 and 36.A, and Tex. Health & Safety Code § 382.085(b)

Violation Description Failed to prevent unauthorized emissions. Specifically, the Respondent released 11,628.18 lbs of CO, 249.81 lbs of H2S, 7,624.60 lbs of NOx, 22,647.28 lbs of SO2, and 11,095.19 lbs of VOC from multiple EPNs (see attached Emissions Event Table [Incident No. 288282]), during an emissions event (Incident No. 288282) that began on July 14, 2018 and lasted 137 hours and 29 minutes. The emissions event occurred due to a snake infiltrating the Substation 39 area that caused a power interruption, resulting in flaring and in releases to the atmosphere. Since the emissions event was not caused by a sudden, unavoidable breakdown of equipment or process beyond the control of the owner or operator, the emissions event could have been avoided by better design and/or better operational and maintenance practices, and the amount and duration of the unauthorized emissions and any bypass of pollution control equipment were not minimized and all possible steps were not taken to minimize the impact of the unauthorized emissions on ambient air quality, the Respondent is precluded from asserting an affirmative defense under 30 Tex. Admin. Code § 101.222.

Base Penalty

>> Environmental, Property and Human Health Matrix

OR	Release	Harm			Percent
		Major	Moderate	Minor	
	Actual	<input type="text"/>	<input checked="" type="text" value="x"/>	<input type="text"/>	<input type="text" value="30.0%"/>
	Potential	<input type="text"/>	<input type="text"/>	<input type="text"/>	

>> Programmatic Matrix

Matrix Notes	Falsification	Harm			Percent
		Major	Moderate	Minor	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0.0%"/>

Based on the Air Quality Analysis Audit performed on the air dispersion modeling that was submitted by the Respondent, human health or the environment has been exposed to significant amounts of pollutants that did not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment

Violation Events

Number of Violation Events Number of violation days

daily	<input type="text"/>
weekly	<input type="text"/>
monthly	<input checked="" type="text" value="x"/>
quarterly	<input type="text"/>
semiannual	<input type="text"/>
annual	<input type="text"/>
single event	<input type="text"/>

Violation Base Penalty

One monthly event is recommended.

Good Faith Efforts to Comply

Reduction

	Before NOE/NOV	NOE/NOV to EDRP/Settlement Offer
Extraordinary	<input type="text"/>	<input type="text"/>
Ordinary	<input checked="" type="text" value="x"/>	<input type="text"/>
N/A	<input type="text"/>	<input type="text"/>

Notes The Respondent achieved compliance by October 24, 2018, prior to the NOE dated February 25, 2020.

Violation Subtotal

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount **Violation Final Penalty Total**

This violation Final Assessed Penalty (adjusted for limits)

Economic Benefit Worksheet

Respondent Exxon Mobil Corporation
Case ID No. 59042
Reg. Ent. Reference No. RN102579307
Media Air
Violation No. 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Costs Saved	EB Amount
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Delayed Costs

Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/Construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$10,000	14-Jul-2018	24-Oct-2018	0.28	\$140	n/a	\$140

Notes for DELAYED costs

Estimated cost to evaluate and improve the animal management system to include personnel from the Electrical Distribution System ("EDS") Group in quarterly stewardship of wildlife management practices and add quarterly reviews of trap locations and wildlife captures, share the incident with personnel from other sites and develop a Job Loss Analysis to assist operations personnel when commissioning or recommissioning portions of the EDS, conduct an evaluation of the Fluid Catalytic Cracking Unit 3 Air blower Inlet Guide Vanes ("IGV") logic that included improved logic to automatically place the IGVs in "manual" mode when an electrical fault is sensed, and add an alarm to the console operator's screen to notify the operator of the switch to "manual" mode in order to prevent the recurrence of emissions events due to the same or similar causes as Incident No. 288282. Date Required is the date the emissions event began. Final Date is the date of compliance.

Avoided Costs

ANNUALIZE 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				0.00	\$0	\$0	\$0
ONE-TIME avoided costs				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0

Notes for AVOIDED costs

Approx. Cost of Compliance

\$10,000

TOTAL

\$140

Exxon Mobil Corporation
Docket No. 2020-0394-AIR-E, Case No. 59042

Emissions Event Table (Incident No. 276554)										
Source Name	EPN	Pollutants (lbs)								
		CO	H2S	NO_x	SO₂	VOC	NH₃	HCN	H₂SO₄	PM
Flare Stack 11	FLARE11	371.79	0.92	72.96	84.78	52.15	0.00	0.00	0.00	0.00
Flare Stack 14	FLARE14	1,531.26	5.38	300.51	475.37	132.15	0.00	0.00	0.00	0.00
Flare Stack 15	FLARE15	37.00	0.06	7.26	5.15	5.10	0.00	0.00	0.00	0.00
Flare Stack 17	FLARE17	201.93	8.64	39.63	775.17	159.95	0.00	0.00	0.00	0.00
Flare Stack 18	FLARE18	122.28	0.19	24.00	17.42	22.05	0.00	0.00	0.00	0.00
Flare Stack 20	FL20	74.49	3.50	14.62	330.18	120.95	0.00	0.00	0.00	0.00
Flare Stack 21	FL21	456.62	0.42	89.61	39.54	75.77	0.00	0.00	0.00	0.00
Flare Stack 27	FLARE27	1,314.57	33.49	257.98	3,128.68	844.03	0.00	0.00	0.00	0.00
Flare Stack 3	FL3	241.54	0.44	47.40	39.94	358.01	0.00	0.00	0.00	0.00
Flare Stack 4	FLARE04	330.43	1.98	64.85	178.98	184.82	0.00	0.00	0.00	0.00
Flare Stack 5	FL5	21.75	0.10	4.27	9.50	6.93	0.00	0.00	0.00	0.00
Flare Stack 6	FL6	92.49	0.44	18.15	40.24	45.67	0.00	0.00	0.00	0.00
Fluid Catalytic Cracking Unit 3 Wet Gas Scrubber	FCCU3WGS	3,528.50	0.00	1,474.70	2,445.70	121.80	12.70	21.60	497.30	3,325.30
GF-1 Check Valve #1	Valve #1	0.00	0.36	0.00	0.00	17.31	0.00	0.00	0.00	0.00
GF-1 Check Valve #2	Valve #2	0.00	0.36	0.00	0.00	17.31	0.00	0.00	0.00	0.00
GF-1 Check Valve #3	Valve #3	0.00	0.36	0.00	0.00	17.31	0.00	0.00	0.00	0.00
GF-1 Check Valve #4	Valve #4	0.00	0.36	0.00	0.00	17.31	0.00	0.00	0.00	0.00
Safety Relief Valve 112	TR0122	0.00	0.00	0.00	0.00	753.90	0.00	0.00	0.00	0.00
Safety Relief Valve 143	BSO143	0.00	0.00	0.00	0.00	9,336.00	0.00	0.00	0.00	0.00
Safety Relief Valve 144	BSO144	0.00	0.00	0.00	0.00	9,336.00	0.00	0.00	0.00	0.00
Safety Relief Valve 145	BSO145	0.00	0.00	0.00	0.00	9,336.00	0.00	0.00	0.00	0.00
Safety Relief Valve 146	BSO146	0.00	0.00	0.00	0.00	9,336.00	0.00	0.00	0.00	0.00
Totals		8,324.65	57.00	2,415.94	7,570.65	40,296.52	12.70	21.60	497.30	3,325.30

Exxon Mobil Corporation
Docket No. 2020-0394-AIR-E, Case No. 59042

Emissions Event Table (Incident No. 288282)						
Source Name	EPN	Pollutants (lbs)				
		CO	H2S	NOx	SO2	VOC
FCCU-3 Wet Gas Scrubber	FCCU3WGS	1,097.52	0.00	5,557.99	0.00	0.00
Flare Stack 11	FLARE11	1,607.31	66.82	315.43	6,100.14	2,928.79
Flare Stack 14	FLARE14	1,786.53	34.35	350.60	3,111.80	936.00
Flare Stack 15	FLARE15	166.80	1.42	32.73	130.62	186.44
Flare Stack 18	FLARE18	6.35	0.00	1.25	0.00	0.17
Flare Stack 25	FL25	207.82	2.49	40.79	97.81	132.08
Flare Stack 27	FLARE27	5,305.34	119.72	1,041.16	10,936.34	5,989.87
Flare Stack 3	FL3	453.48	3.39	88.99	310.68	401.62
Flare Stack 4	FLARE04	164.70	13.65	32.32	1,239.85	0.00
Flare Stack 5	FL5	9.89	0.01	1.94	0.62	6.77
Flare Stack 6	FL6	822.44	7.96	161.40	719.42	499.07
Methyl Ethyl Ketone Blanket Gas Absorber	MEKT13	0.00	0.00	0.00	0.00	14.38
	Totals	11,628.18	249.81	7,624.60	22,647.28	11,095.19

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

Compliance History Report for CN600123939, RN102579307, Rating Year 2020 which includes Compliance History (CH) components from September 1, 2015, through August 31, 2020.

Customer, Respondent, or Owner/Operator:	CN600123939, Exxon Mobil Corporation	Classification:	SATISFACTORY	Rating:	5.67
Regulated Entity:	RN102579307, Exxon Mobil Baytown Refinery	Classification:	SATISFACTORY	Rating:	14.55
Complexity Points:	50	Repeat Violator:	NO		
CH Group:	02 - Oil and Petroleum Refineries				
Location:	2800 Decker Drive, Baytown, Harris County, Texas				
TCEQ Region:	77520-2020 REGION 12 - HOUSTON				

ID Number(s):

INDUSTRIAL AND HAZARDOUS WASTE PERMIT 50111

INDUSTRIAL AND HAZARDOUS WASTE EPA ID

TXD000782698

AIR NEW SOURCE PERMITS PERMIT 18287
AIR NEW SOURCE PERMITS REGISTRATION 23378
AIR NEW SOURCE PERMITS REGISTRATION 26486
AIR NEW SOURCE PERMITS REGISTRATION 27403
AIR NEW SOURCE PERMITS REGISTRATION 30186
AIR NEW SOURCE PERMITS REGISTRATION 31008
AIR NEW SOURCE PERMITS REGISTRATION 31852
AIR NEW SOURCE PERMITS REGISTRATION 34295
AIR NEW SOURCE PERMITS REGISTRATION 36664
AIR NEW SOURCE PERMITS REGISTRATION 11007
AIR NEW SOURCE PERMITS REGISTRATION 10550
AIR NEW SOURCE PERMITS REGISTRATION 11206
AIR NEW SOURCE PERMITS REGISTRATION 11380
AIR NEW SOURCE PERMITS REGISTRATION 11475
AIR NEW SOURCE PERMITS REGISTRATION 11555
AIR NEW SOURCE PERMITS REGISTRATION 11703
AIR NEW SOURCE PERMITS REGISTRATION 12226
AIR NEW SOURCE PERMITS REGISTRATION 12628
AIR NEW SOURCE PERMITS REGISTRATION 12977
AIR NEW SOURCE PERMITS REGISTRATION 145829
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX975
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX975M2
AIR NEW SOURCE PERMITS EPA PERMIT PAL7
AIR NEW SOURCE PERMITS REGISTRATION 115627
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX474M5
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX852
AIR NEW SOURCE PERMITS REGISTRATION 112413
AIR NEW SOURCE PERMITS PERMIT AMOC72
AIR NEW SOURCE PERMITS PERMIT AMOC99
AIR NEW SOURCE PERMITS REGISTRATION 147027
AIR NEW SOURCE PERMITS REGISTRATION 149453
AIR NEW SOURCE PERMITS REGISTRATION 156366
AIR NEW SOURCE PERMITS REGISTRATION 156907
AIR NEW SOURCE PERMITS REGISTRATION 153813
AIR NEW SOURCE PERMITS REGISTRATION 158429

INDUSTRIAL AND HAZARDOUS WASTE SOLID WASTE

REGISTRATION # (SWR) 30040

POLLUTION PREVENTION PLANNING ID NUMBER

P00234

AIR NEW SOURCE PERMITS REGISTRATION 22874
AIR NEW SOURCE PERMITS REGISTRATION 24669
AIR NEW SOURCE PERMITS REGISTRATION 26294
AIR NEW SOURCE PERMITS REGISTRATION 26443
AIR NEW SOURCE PERMITS REGISTRATION 31067
AIR NEW SOURCE PERMITS REGISTRATION 31690
AIR NEW SOURCE PERMITS REGISTRATION 31915
AIR NEW SOURCE PERMITS REGISTRATION 33875
AIR NEW SOURCE PERMITS ACCOUNT NUMBER HG0232Q
AIR NEW SOURCE PERMITS REGISTRATION 10461
AIR NEW SOURCE PERMITS REGISTRATION 11053
AIR NEW SOURCE PERMITS REGISTRATION 11250
AIR NEW SOURCE PERMITS REGISTRATION 11464
AIR NEW SOURCE PERMITS REGISTRATION 11483
AIR NEW SOURCE PERMITS REGISTRATION 11624
AIR NEW SOURCE PERMITS REGISTRATION 11939
AIR NEW SOURCE PERMITS REGISTRATION 12380
AIR NEW SOURCE PERMITS REGISTRATION 12968
AIR NEW SOURCE PERMITS REGISTRATION 12994
AIR NEW SOURCE PERMITS AFS NUM 4820100027
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX730M3
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX730M2
AIR NEW SOURCE PERMITS REGISTRATION 107643
AIR NEW SOURCE PERMITS REGISTRATION 137342
AIR NEW SOURCE PERMITS REGISTRATION 136452
AIR NEW SOURCE PERMITS REGISTRATION 136500
AIR NEW SOURCE PERMITS PERMIT AMOC9
AIR NEW SOURCE PERMITS PERMIT AMOC49
AIR NEW SOURCE PERMITS REGISTRATION 154258
AIR NEW SOURCE PERMITS REGISTRATION 148610
AIR NEW SOURCE PERMITS REGISTRATION 160301
AIR NEW SOURCE PERMITS REGISTRATION 158430
AIR NEW SOURCE PERMITS REGISTRATION 160491
AIR NEW SOURCE PERMITS REGISTRATION 158091
AIR NEW SOURCE PERMITS REGISTRATION 155764

AIR OPERATING PERMITS ACCOUNT NUMBER HG0232Q
WASTEWATER PERMIT WQ0000592000
PETROLEUM STORAGE TANK REGISTRATION
REGISTRATION 8309
AIR EMISSIONS INVENTORY ACCOUNT NUMBER
HG0232Q

AIR OPERATING PERMITS PERMIT 1229
WASTEWATER EPA ID TX0006271
IHW CORRECTIVE ACTION SOLID WASTE REGISTRATION
(SWR) 30040

Compliance History Period: September 01, 2015 to August 31, 2020 **Rating Year:** 2020 **Rating Date:** 09/01/2020

Date Compliance History Report Prepared: October 16, 2020

Agency Decision Requiring Compliance History: Enforcement

Component Period Selected: October 16, 2015 to October 16, 2020

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

Name: Margarita Dennis

Phone: (817) 588-5892

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

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

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

- 1 Effective Date: 10/26/2016 ADMINORDER 2015-1839-AIR-E (Findings Order-Agreed Order Without Denial)
 Classification: Moderate
 Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 Rqmt Prov: Special Condition No. 1 PERMIT
 Description: Failure to prevent unauthorized emissions at EPN FLARE16.
- 2 Effective Date: 11/08/2016 ADMINORDER 2016-0326-PST-E (1660 Order-Agreed Order With Denial)
 Classification: Moderate
 Citation: 2D TWC Chapter 26, SubChapter A 26.3475(a)
 30 TAC Chapter 334, SubChapter C 334.50(b)(2)
 Description: Failure to have each pressurized line tested or monitored for releases in accordance with at least one of the following methods: annual piping tightness test; or one or more of the release detection methods prescribed in 30 TAC §334.50, subsections (d)(5) through (d)(9), at least once every month.
 Classification: Moderate
 Citation: 30 TAC Chapter 334, SubChapter C 334.50(d)(1)(B)(i)
 30 TAC Chapter 334, SubChapter C 334.50(d)(4)(A)(i)
 Description: Failure to conduct inventory control in accordance with a code or standard of practice developed by a nationally recognized association or independent testing laboratory.
 Classification: Moderate
 Citation: 30 TAC Chapter 334, SubChapter D 334.72
 Description: Failure to report to the Commission a suspected release from a UST within 24 hours of its discovery.
 Classification: Moderate
 Citation: 30 TAC Chapter 334, SubChapter D 334.74
 Description: Failure to conduct a release investigation and confirmation steps of all suspected releases of regulated substances requiring reporting under §334.72 of this title (relating to Reporting of Suspected Releases) within 30 days of discovery of the suspected release.
- 3 Effective Date: 04/26/2019 ADMINORDER 2017-1565-AIR-E (1660 Order-Agreed Order With Denial)
 Classification: Moderate
 Citation: 30 TAC Chapter 117, SubChapter B 117.335(a)(4)
 5C THSC Chapter 382 382.085(b)
 Description: Failure to conduct an initial demonstration of compliance testing on one stationary engine (EPN: GARENG1). [Category A9c]
 Classification: Moderate
 Citation: 30 TAC Chapter 117, SubChapter B 117.340(h)
 5C THSC Chapter 382 382.085(b)

Description: Failed to conduct quarterly emissions monitoring to check any stationary internal combustion engine for proper operation, in violation of 30 TEX. ADMIN. CODE §?117.340(h) and TEX. HEALTH & SAFETY CODE §?382.085(b).

Specifically, the Respondent did not conduct quarterly emissions monitoring for proper operation of Engine GARENG1.
Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.340(a)(2)(C)
5C THSC Chapter 382 382.085(b)

Description: Failed to maintain monthly fuel use records, in violation of 30 TEX. ADMIN. CODE §?117.340(a)(2)(C) and TEX. HEALTH & SAFETY CODE §?382.085(b). Specifically, the Respondent did not maintain monthly fuel usage records for Engine GARENG1.

Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.345(f)(10)
5C THSC Chapter 382 382.085(b)

Description: Failed to maintain records of each time an engine is operated for testing and maintenance, in violation of 30 TEX. ADMIN. CODE §?117.345(f)(10) and TEX. HEALTH & SAFETY CODE §?382.085(b). Specifically, the Respondent did not maintain records of each time Engine GARENG1 was operated for testing and maintenance.

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.121
30 TAC Chapter 122, SubChapter C 122.210(a)
5C THSC Chapter 382 382.085(b)

Description: Failed to obtain a revision for an FOP to include all emission sources, in violation of 30 TEX. ADMIN. CODE §§?122.210(a) and 122.121 and TEX. HEALTH & SAFETY CODE §?382.085(b). Specifically, the Respondent did not submit an application to revise FOP No. O1229 to include Engine GARENG1.

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.145(2)(A)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP General Terms and Conditions OP

Description: Failed to report all instances of deviation, in violation of 30 TEX. ADMIN. CODE §§?122.143(4) and 122.145(2)(A), TEX. HEALTH & SAFETY CODE §?382.085(b), and FOP No. O1229, General Terms and Conditions. Specifically, the deviation reports for the May 22, 2011 through November 21, 2011, November 22, 2011 through May 21, 2012, May 22, 2012 through November 21, 2012, November 22, 2012 through May 21, 2013, May 22, 2013 through November 21, 2013, November 22, 2013 through May 21, 2014, May 22, 20

4 Effective Date: 08/29/2019 ADMINORDER 2018-0505-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP No. O1229 STC No. 32 OP
Special Condition No. 1 PERMIT

Description: Failure to prevent unauthorized emissions. ExxonMobil failed to prevent two unplanned shutdowns of the Wet Gas Compressor (J-102) that occurred as a result of equipment malfunctions during a planned startup of the unit.
[Category A12i6]

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(G)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP No. O1229 STC No. 2.F OP

Description: Failure to speciate unauthorized emissions in the final notification report (Category C3).

5 Effective Date: 10/25/2019 ADMINORDER 2018-1514-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Flexible NSR Permit 18287 PERMIT

Description: Failure to meet the demonstration criteria for an affirmative defense for unauthorized emissions during an emissions event (Category A12.i.(6)).

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: 18287 PERMIT

Description: Failure to meet the demonstration criteria for an affirmative defense for unauthorized emissions during an emissions event.

6 Effective Date: 10/25/2019 ADMINORDER 2018-1573-AIR-E (Findings Order-Agreed Order Without Denial)

Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.722(c)(1)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: NSR Flexible Permit 18287, SC 1 PERMIT

Description: Failure to prevent unauthorized emissions during an emissions event. Exxon failed to prevent the premature lifting of the pilot-operated safety valve on Fractionator Tower T-1 (Category A12.i.(6)).

7 Effective Date: 02/03/2020 ADMINORDER 2018-1747-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP No. O1229 GTC and STC No. 32 OP
NSR Special Condition 1 PERMIT

Description: Failure to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Flexible Permit Special Condition No. 1 PERMIT
FOP No. O1229 GTC and STC No. 32 OP

Description: Failure to prevent unauthorized emissions.

8 Effective Date: 04/02/2020 ADMINORDER 2019-0641-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 115, SubChapter H 115.722(c)(1)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: O1229 OP
Special Condition 1 PERMIT

Description: Failure to prevent the release of unauthorized emissions during an emissions event. (Category A12.i.6)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O1229 GTC and STC 32 OP
Special Condition 1 PERMIT

Description: Failure to prevent the release of unauthorized emissions during an emissions event. [Category A12.i.(6)]

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(H)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP No. O1229, GTC and STC No. 32 OP

Special Condition No. 1 PERMIT

Description: Failure to meet the affirmative defense for the emissions released during an emissions event (Category A12.i. (6)).

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(H)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP No. O1229 GTC and STC No. 2.F OP

Description: Failure to include the correct estimated total quantities of emissions on the final report. (Category C3)

9 Effective Date: 07/06/2020 ADMINORDER 2019-1306-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

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

Rqmt Prov: FOP Special Term & Condition (ST&C) 1A OP

Description: Failure to collect sample following 24 hours of HRVOC analyzer downtime for cooling water tower (EPN: CT16/24FUG). (Category B1)

Classification: Moderate

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

Rqmt Prov: FOP Special Term & Condition (ST&C) 32 OP
NSR Consent Decree (CD) 31 PERMIT

Description: Failure to maintain NOx emissions within permit limits for furnace (EPN: HF3F7). (Category A8 Criterion 2)

B. Criminal convictions:

N/A

C. Chronic excessive emissions events:

N/A

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

Item 1	October 22, 2015	(1296470)
Item 2	October 29, 2015	(1221710)
Item 3	November 03, 2015	(1281908)
Item 4	November 12, 2015	(1286617)
Item 5	December 02, 2015	(1301923)
Item 6	December 16, 2015	(1296058)
Item 7	December 28, 2015	(1308851)
Item 8	December 30, 2015	(1295697)
Item 9	January 11, 2016	(1301428)
Item 10	January 22, 2016	(1315635)
Item 11	February 09, 2016	(1299692)
Item 12	February 23, 2016	(1325027)
Item 13	February 24, 2016	(1313584)
Item 14	February 26, 2016	(1228392)
Item 15	February 29, 2016	(1314344)
Item 16	March 18, 2016	(1331756)
Item 17	April 12, 2016	(1308704)
Item 18	April 26, 2016	(1338919)
Item 19	April 28, 2016	(1324841)
Item 20	May 03, 2016	(1329805)
Item 21	May 17, 2016	(1331214)
Item 22	May 24, 2016	(1345719)
Item 23	June 13, 2016	(1331134)
Item 24	June 21, 2016	(1352161)
Item 25	July 12, 2016	(1337342)
Item 26	July 18, 2016	(1342974)
Item 27	July 19, 2016	(1254741)

Item 28	August 16, 2016	(1342857)
Item 29	August 17, 2016	(1337798)
Item 30	August 22, 2016	(1365559)
Item 31	August 24, 2016	(1355647)
Item 32	August 31, 2016	(1273168)
Item 33	September 07, 2016	(1313268)
Item 34	September 20, 2016	(1356616)
Item 35	September 21, 2016	(1372260)
Item 36	October 18, 2016	(1378437)
Item 37	November 15, 2016	(1384396)
Item 38	November 28, 2016	(1376290)
Item 39	November 29, 2016	(1362715)
Item 40	December 05, 2016	(1377548)
Item 41	December 12, 2016	(1363201)
Item 42	December 15, 2016	(1390534)
Item 43	January 10, 2017	(1365221)
Item 44	January 16, 2017	(1397150)
Item 45	January 20, 2017	(1383357)
Item 46	February 03, 2017	(1390021)
Item 47	February 20, 2017	(1404033)
Item 48	March 07, 2017	(1411134)
Item 49	March 13, 2017	(1389460)
Item 50	March 21, 2017	(1395519)
Item 51	March 29, 2017	(1368880)
Item 52	April 13, 2017	(1417637)
Item 53	May 18, 2017	(1425226)
Item 54	June 03, 2017	(1401498)
Item 55	June 19, 2017	(1431229)
Item 56	June 29, 2017	(1421785)
Item 57	July 05, 2017	(1402531)
Item 58	July 12, 2017	(1439838)
Item 59	July 21, 2017	(1414972)
Item 60	July 24, 2017	(1423603)
Item 61	July 27, 2017	(1416984)
Item 62	July 28, 2017	(1416938)
Item 63	August 15, 2017	(1387958)
Item 64	August 16, 2017	(1443526)
Item 65	September 25, 2017	(1295799)
Item 66	October 16, 2017	(1455973)
Item 67	October 27, 2017	(1437248)
Item 68	November 14, 2017	(1461454)
Item 69	December 12, 2017	(1467833)
Item 70	January 19, 2018	(1474538)
Item 71	February 07, 2018	(1455044)
Item 72	February 19, 2018	(1486764)
Item 73	March 14, 2018	(1490441)
Item 74	April 19, 2018	(1493678)
Item 75	May 18, 2018	(1500596)
Item 76	May 24, 2018	(1478514)
Item 77	June 17, 2018	(1507713)
Item 78	July 18, 2018	(1498269)
Item 79	July 20, 2018	(1514031)
Item 80	August 09, 2018	(1505253)
Item 81	August 13, 2018	(1485724)
Item 82	August 15, 2018	(1520092)
Item 83	August 17, 2018	(1504633)
Item 84	September 07, 2018	(1499480)
Item 85	September 18, 2018	(1527257)
Item 86	September 28, 2018	(1499486)
Item 87	October 17, 2018	(1513712)

Item 88	October 30, 2018	(1523963)
Item 89	November 19, 2018	(1541450)
Item 90	December 19, 2018	(1545234)
Item 91	January 15, 2019	(1559677)
Item 92	January 31, 2019	(1538194)
Item 93	February 04, 2019	(1541075)
Item 94	February 18, 2019	(1559675)
Item 95	March 09, 2019	(1559676)
Item 96	April 16, 2019	(1571831)
Item 97	May 20, 2019	(1583271)
Item 98	June 05, 2019	(1558056)
Item 99	June 17, 2019	(1575863)
Item 101	July 16, 2019	(1593144)
Item 102	August 02, 2019	(1557728)
Item 103	August 15, 2019	(1599490)
Item 104	August 16, 2019	(1537989)
Item 105	August 30, 2019	(1581013)
Item 106	September 09, 2019	(1579146)
Item 107	September 12, 2019	(1579111)
Item 108	September 30, 2019	(1570925)
Item 109	October 17, 2019	(1613241)
Item 110	October 21, 2019	(1603893)
Item 111	November 08, 2019	(1593008)
Item 112	November 12, 2019	(1581934)
Item 113	November 14, 2019	(1589668)
Item 114	December 02, 2019	(1612007)
Item 115	December 18, 2019	(1617197)
Item 116	January 02, 2020	(1618104)
Item 117	January 15, 2020	(1622806)
Item 118	January 16, 2020	(1612213)
Item 119	January 24, 2020	(1618492)
Item 120	January 29, 2020	(1624065)
Item 121	February 07, 2020	(1612160)
Item 122	February 13, 2020	(1611047)
Item 123	February 14, 2020	(1630542)
Item 124	February 20, 2020	(1640667)
Item 125	March 09, 2020	(1633638)
Item 126	March 20, 2020	(1647187)
Item 127	April 20, 2020	(1653523)
Item 128	April 28, 2020	(1643889)
Item 129	May 14, 2020	(1646418)
Item 130	May 20, 2020	(1660110)
Item 131	May 26, 2020	(1651692)
Item 132	June 12, 2020	(1666614)
Item 133	June 23, 2020	(1645516)
Item 134	July 28, 2020	(1663411)
Item 135	July 31, 2020	(1622901)
Item 136	August 18, 2020	(1646091)
Item 137	August 20, 2020	(1664722)
Item 138	August 25, 2020	(1664719)
Item 139	August 28, 2020	(1639670)
Item 140	September 04, 2020	(1672628)
Item 141	September 15, 2020	(1666360)
Item 142	September 18, 2020	(1647044)
Item 143	September 25, 2020	(1652963)

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.

1 Date: 10/31/2019 (1619055)

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

2 Date: 11/19/2019 (1592969)

Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 117, SubChapter B 117.310(c)(1)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 Standard Term and Condition 1A OP
 Description: Failure to comply with the emission concentration limit for Catalytic Light Ends
 Unit No.3, Furnace No.1 (EPN: CLEU3F1) for CO.

Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 117, SubChapter B 117.340(p)(2)(D)
 30 TAC Chapter 117, SubChapter B 117.345(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 Description: Failure to submit a performance test report by the report submittal deadline.

3 Date: 11/30/2019 (1626407)

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

4 Date: 12/31/2019 (1634048)

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

5 Date: 02/25/2020 (1603436)

Self Report? NO Classification: Minor
 Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT CC 63.655(h)(8)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP
 Description: Failure to submit a quarterly report within 45 days. (Category B3)

6 Date: 06/30/2020 (1673571)

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

7 Date: 08/31/2020 (1640007)

Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
 30 TAC Chapter 115, SubChapter H 115.783(5)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.592(a)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGGa 60.592a(a)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VVa 60.482-6a(a)(1)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.648(a)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP
 FOP Special Term & Condition (ST&C) 28 OP
 FOP Special Term & Condition (ST&C) 32 OP
 NSR Special Condition (SC) 34E PERMIT
 Description: Failure to prevent open-ended lines (OEL). (Category C10)

Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.13(e)(2)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT Ja 60.107a(a)(2)
 5C THSC Chapter 382 382.085(b)

FOP Special Term & Condition (ST&C) 1A OP
 FOP Special Term & Condition (ST&C) 32 OP
 FOP Special Term & Condition (ST&C) 9 OP
 NSR Consent Decree Condition 29(A)(3) PERMIT
 Description: Failure to continuously monitor flares. (Category C1)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.13(e)(2)

5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP
 Description: Failure to continuously monitor for CO and NOx. (Category C1)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 115, SubChapter D 115.354(4)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)

FOP Special Term & Condition (ST&C) 1A OP
 Description: Failure to monitor a valve within 24 hours of release of safety relief valve.
 (Category C1)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT UUU 63.1572(c)(3)
 5C THSC Chapter 382 382.085(b)

FOP Special Term & Condition (ST&C) 1A OP
 Description: Failure to have continuous parameter monitoring data valid for 75% of the hours.
 (Category C1)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 115, SubChapter H 115.764(a)(6)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)

FOP Special Term & Condition (ST&C) 1A OP
 Description: Failure to collect a manual sample following 24 hours of HRVOC analyzer
 downtime. (Category B1)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)

FOP Special Term & Condition (ST&C) 1A OP
 FOP Special Term & Condition (ST&C) 32 OP
 NSR Special Condition (SC) 34G PERMIT
 Description: Failure to perform sampling for CO and NOx at a combustion source every 5 years
 for furnace (EPN: HU9F311). (Category B1)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3)(i)(B)(ii)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6)(ii)
 5C THSC Chapter 382 382.085(b)

FOP Special Term & Condition (ST&C) 1A OP
 FOP Special Term & Condition (ST&C) 32 OP
 NSR Special Condition (SC) 11A PERMIT
 Description: Failure to maintain net heating value of a flare (EPN: FLARE04) above 300
 Btu/scf. (Category B17)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3)(i)(B)(ii)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6)(ii)
 5C THSC Chapter 382 382.085(b)

FOP Special Term & Condition (ST&C) 1A OP
 FOP Special Term & Condition (ST&C) 32 OP
 NSR Special Condition (SC) 11A PERMIT
 Description: Failure to maintain net heating value of a flare (EPN: FLARE20) above 300
 Btu/scf. (Category B17)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)
 5C THSC Chapter 382 382.085(b)

FOP Special Term & Condition (ST&C) 1A OP
 FOP Special Term & Condition (ST&C) 32 OP

NSR Special Condition (SC) 11B PERMIT
 Description: Failure to maintain pilot flame for a flare (EPN: FLARE 11). (Category B17)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT Ja 60.102a(b)(4)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT UUU 63.1565(a)(1)(i)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP
 FOP Special Term & Condition (ST&C) 32 OP
 NSR Consent Decree (CD) 13 PERMIT

Description: Failure to maintain CO concentration from Fluid Catalytic Cracking Unit 2 (EPNs: FCCU-2, FCCU2WGS) within permit limits. (Category B13)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 115, SubChapter D 115.354(2)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.592(a)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGGa 60.592a(a)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(a)(2)(i)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(c)(1)(i)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VVa 60.482-7a(a)(2)(i)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.648(a)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP
 FOP Special Term & Condition (ST&C) 32 OP
 NSR Special Condition (SC) 36F PERMIT

Description: Failure to monitor components of process units (IDs: BTRFCHEMFG, BTRFREFFG) within the required time frame. (Category B1)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(4)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP

Description: Failure to collect a manual sample following eight (8) hours of HRVOC analyzer downtime. (Category B1)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.13(d)(1)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 32 OP
 FOP Special Term & Condition (ST&C) 9 OP
 NSR Consent Decree (CD) 21 PERMIT

Description: Failure of analyzer to validate data for H2S for furnaces (EPNs: DCUF601 and DCUF602). (Category C1)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.13(d)(1)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 11D OP
 FOP Special Term & Condition (ST&C) 32 OP
 FOP Special Term & Condition (ST&C) 9 OP
 NSR Consent Decree (CD) 29 PERMIT

Description: Failure of analyzer to validate data for H2S and total sulfur for flares (EPNs: FLARE14 and FLARE29). (Category C1)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT UUU 63.1572(c)(1)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP

Description: Failure to conduct an annual calibration of the temperature instrument in the Fluid Catalytic Cracking Unit 3 (EPN: FCCU-3). (Category C1)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.354(a)(1)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP

Description: Failure to collect monthly water samples at treatment process units (IDs: PROTRT071 and PROTRT081). (Category C1)
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT CC 63.654(c)(4)(i)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP
 FOP Special Term & Condition (ST&C) 32 OP
 NSR Special Condition (SC) 14 PERMIT
 Description: Failure to collect monthly water samples at cooling tower (EPN: CT62FUG).
 (Category C1)
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT CC 63.670(e)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP
 FOP Special Term & Condition (ST&C) 32 OP
 NSR Special Condition (SC) 12A PERMIT
 Description: Failure to maintain the minimum combustion zone net heating value requirement
 of 270 Btu/scf for flare (EPN: FLARE04). (Category B17)
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT Ja 60.107a(e)(2)(ix)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP
 Description: Failure to establish a new 10-day average ratio of total sulfur-to-H2S and
 acceptable range for flare (EPN: FLARE15). (Category C3)
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.115(a)(3)(A)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP
 FOP Special Term & Condition (ST&C) 32 OP
 NSR Special Condition (SC) 51(A)(2) PERMIT
 Description: Failure to replace carbon canister following detection of breakthrough. (Category
 B13)
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.346(b)(5)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP
 Description: Failure to attempt repair for a leak within the required 15-days. (Category B17)
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.13(e)(2)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term and Condition (ST&C) 32 OP
 FOP Special Term and Condition (ST&C) 9 OP
 NSR Consent Decree (CD) 29A(3) PERMIT
 Description: Failure to continuously monitor heaters/furnaces. (Category C1)
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP
 FOP Special Term and Condition (ST&C) 32 OP
 NSR Special Condition (SC) 11(C) PERMIT
 Description: Failure to prevent visible emissions from flare (EPN: FLARE11). (Category B13)
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term and Condition (ST&C) 1A OP
 FOP Special Term and Condition (ST&C) 32 OP
 NSR Special Condition (SC) 11(C) PERMIT
 Description: Failure to prevent visible emissions from flare (EPN: FLARE06). (Category B13)
 Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 106, SubChapter U 106.478(7)
 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)
 FOP Special Term and Condition (ST&C) 33 OP
 Description: Failure to register tanks after a change in service. (Category B17)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 117, SubChapter B 117.310(c)(1)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.103(a)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT UUU 63.1565(a)(1)(i)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term and Condition (ST&C) 1A OP
 FOP Special Term and Condition (ST&C) 32 OP

NSR Consent Decree (CD) 13 PERMIT
 Description: Failure to maintain CO concentration from Fluid Catalytic Cracking Unit 3 (EPNs: FCCU-3, FCCU3WGS) within permit limits. (Category B13)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 32 OP
 NSR Special Condition (SC) 1 PERMIT

Description: Failure to maintain carbon disulfide (CS2) emissions within permit EMISSION SOURCES - EMISSIONS CAPS limits. (Category B13)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 115, SubChapter F 115.546(a)(2)(A)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition 8(A)(xiv) OP

Description: Failure to maintain carbon adsorption system monitoring records from tank cleaning activities. (Category C3)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT Ja 60.105a(b)(2)(v)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT UUU 63.1572(a)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP
 FOP Special Term & Condition (ST&C) 32 OP
 FOP Special Term & Condition (ST&C) 9E OP
 NSR Special Condition (SC) 24(A)(2) PERMIT

Description: Failure to conduct a relative accuracy test audit (RATA) at least quarterly. (Category B1)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(4)(iii)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT CC 63.670(d)(2)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP
 FOP Special Term & Condition (ST&C) 32 OP
 NSR Special Condition (SC) 12A PERMIT

Description: Failure to maintain flare velocity within applicable limit for EPN: FLARE17. (Category B17)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 115, SubChapter H 115.725(a)(1)(C)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP

Description: Failure to maintain furnace above the minimum firebox oxygen limit. (Category C4)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT CC 63.670(e)
 5C THSC Chapter 382 382.085(b)
 FOP Special Term & Condition (ST&C) 1A OP
 FOP Special Term & Condition (ST&C) 32 OP
 NSR Special Condition (SC) 12A PERMIT

Description: Failure to maintain the minimum combustion zone net heating value requirement of 270 Btu/scf for Unit IDs FS29D027VT and FS29D028VT. (Category B17)
 Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT CC 63.670(e)
5C THSC Chapter 382 382.085(b)
FOP Special Term & Condition (ST&C) 1A OP
FOP Special Term & Condition (ST&C) 32 OP
NSR Special Condition (SC) 12A PERMIT

Description: Failure to maintain the minimum combustion zone net heating value requirement of 270 Btu/scf for Unit ID FS20D036VT. (Category B17)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.104(a)(1)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT Ja 60.102a(g)(1)(ii)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT Ja 60.103a(h)

5C THSC Chapter 382 382.085(b)
FOP Special Term & Condition (ST&C) 1A OP
FOP Special Term & Condition (ST&C) 32 OP
NSR Consent Decree (CD) 21 PERMIT
NSR Consent Decree (CD) 29 PERMIT

Description: Failure to maintain the fuel gas concentration of hydrogen sulfide (H2S) below 162 parts per million by volume (ppmv) (230 mg/dscm) in a 3-hour rolling average for multiple units. (Category B13)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3)(i)(B)(ii)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6)(ii)
5C THSC Chapter 382 382.085(b)
FOP Special Term & Condition (ST&C) 1A OP
FOP Special Term & Condition (ST&C) 32 OP
NSR Special Condition (SC) 11A PERMIT

Description: Failure to maintain net heating value of a flare (EPN: FLARE05) above 300 Btu/scf. (Category B17)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.13(e)(2)
5C THSC Chapter 382 382.085(b)
FOP Special Term & Condition (ST&C) 32 OP
FOP Special Term & Condition (ST&C) 9 OP
NSR Consent Decree Condition 29(A)(3) PERMIT
NSR Special Condition (SC) 25 PERMIT

Description: Failure to continuously monitor heaters/furnaces. (Category C1)

F. Environmental audits:

Notice of Intent Date: 07/02/2020 (1664600)
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
EXXON MOBIL CORPORATION
RN102579307**

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**BEFORE THE
TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY**

AGREED ORDER DOCKET NO. 2020-0394-AIR-E

I. JURISDICTION AND STIPULATIONS

On _____, the Texas Commission on Environmental Quality ("the Commission" or "TCEQ") considered this agreement of the parties, resolving an enforcement action regarding Exxon Mobil Corporation (the "Respondent") under the authority of TEX. HEALTH & SAFETY CODE ch. 382 and TEX. WATER CODE ch. 7. The Executive Director of the TCEQ, through the Enforcement Division, and the Respondent together stipulate that:

1. The Respondent owns and operates a petroleum refinery located at 2800 Decker Drive in Baytown, Harris County, Texas (the "Plant"). The Plant consists or consisted of one or more sources as defined in TEX. HEALTH & SAFETY CODE § 382.003(12).
2. The Executive Director and the Respondent agree that the TCEQ has jurisdiction to enter this Order pursuant to TEX. WATER CODE §§ 7.002, 7.051, and 7.073, and that the Respondent is subject to TCEQ's jurisdiction. The TCEQ has jurisdiction in this matter pursuant to TEX. WATER CODE § 5.013 because it alleges violations of TEX. HEALTH & SAFETY CODE ch. 382 and the rules of the TCEQ.
3. The occurrence of any violation is in dispute and the entry of this Order shall not constitute an admission by the Respondent of any violation alleged in Section II ("Allegations"), nor of any statute or rule.
4. An administrative penalty in the amount of \$26,250 is assessed by the Commission in settlement of the violations alleged in Section II ("Allegations"). The Respondent paid \$10,500 of the penalty and \$5,250 of the penalty is deferred contingent upon the Respondent's timely and satisfactory compliance with all the terms of this Order and shall be waived only upon full compliance with all the terms and conditions of this Order. If the Respondent fails to timely and satisfactorily comply with any of the terms and conditions contained in this Order, the Executive Director may demand payment of all or part of the deferred penalty amount.

Pursuant to TEX. WATER CODE § 7.067, \$10,500 of the penalty shall be conditionally offset by the Respondent's timely and satisfactory completion of a Supplemental Environmental Project ("SEP") as defined in the attached SEP Agreement ("Attachment A", incorporated herein by reference). The Respondent's obligation to pay the

conditionally offset portion of the penalty shall be discharged upon full compliance with all the terms and conditions of this Order, which includes the timely and satisfactory completion of all provisions of the SEP Agreement, as determined by the Executive Director

5. The Executive Director and the Respondent agree on a settlement of the matters alleged in this enforcement action, subject to final approval in accordance with 30 TEX. ADMIN. CODE § 70.10(a). 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.
6. The Executive Director may, without further notice or hearing, refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings if the Executive Director determines that the Respondent has not complied with one or more of the terms or conditions in this Order.
7. This Order represents the complete and fully-integrated agreement of the parties. The provisions of this Order are deemed severable and, if a court of competent jurisdiction or other appropriate authority deems any provision of this Order unenforceable, the remaining provisions shall be valid and enforceable.
8. This Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Order, whichever is later.
9. The Executive Director recognizes that the Respondent implemented the following corrective measures at the Plant:
 - a. By October 24, 2018, evaluated and improved the animal management system to include personnel from the Electrical Distribution System ("EDS") Group in quarterly stewardship of wildlife management practices and added quarterly reviews of trap locations and wildlife captures, shared the incident with personnel from other sites and developed a Job Loss Analysis to assist operations personnel when commissioning or recommissioning proportions of the EDS, conducted an evaluation of the Fluid Catalytic Cracking Unit 3 Air blower Inlet Guide Vanes ("IGV") logic that included improved logic to automatically place the IGVs in "manual" mode when an electrical fault is sensed, and added an alarm to the console operator's screen to notify the operator of the switch to "manual" mode in order to prevent the recurrence of emissions events due to the same or similar causes as Incident No. 288282; and
 - b. By October 25, 2019, rerouted the Gofiner Unit 1 instrumentation to mitigate exposure to potentially adverse weather conditions, updated the winterization procedures for the Light Ends Fractionation Unit to require steam tracing to the Deisobutanizer Tower T-600 pressure sensor and annual checks, and identified an extra step in the procedures for the Catalytic Light Ends Unit 3 to include specific steps to place certain steam control valves in "back up" control in order to prevent the recurrence of emissions events due to the same or similar causes as Incident No. 276554.

II. ALLEGATIONS

1. During a record review conducted on from September 26, 2018 through December 5, 2018, an investigator documented that the Respondent failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3), 116.715(a), and 122.143(4), Flexible Permit Nos. 18287, PSDTX730M4, and PAL7, Special Conditions ("SC") No. 1, Federal Operating Permit ("FOP") No. O1229, General Terms and Conditions ("GTC") and Special Terms and Conditions ("STC") Nos. 32 and 36.A, and TEX. HEALTH & SAFETY CODE § 382.085(b). Specifically, the Respondent released 8,324.65 pounds ("lbs") of carbon monoxide ("CO"), 57.00 lbs of hydrogen sulfide ("H₂S"), 2,415.94 lbs of nitrogen oxides ("NO_x"), 7,570.65 lbs of sulfur dioxide ("SO₂"), 40,296.52 lbs of volatile organic compounds ("VOC"), 12.70 lbs of ammonia ("NH₃"), 21.60 lbs of hydrogen cyanide ("HCN"), 497.30 lbs of sulfuric acid ("H₂SO₄"), and 3,325.30 lbs of particulate matter ("PM") from multiple Emissions Point Numbers ("EPNs") as shown in Attachment B, during an emissions event (Incident No. 276554) that began on January 16, 2018 and lasted 111 hours and 38 minutes. The emissions event occurred due to insufficient cold weather preparation, during cold weather conditions, resulting in flaring and releases to the atmosphere. Since the emissions event was not caused by a sudden, unavoidable breakdown of equipment or process beyond the control of the owner or operator and could have been avoided by better design and/or better operational and maintenance practices, the Respondent is precluded from asserting an affirmative defense under 30 TEX. ADMIN. CODE § 101.222.
2. During a record review conducted from September 24, 2019 through November 8, 2019, an investigator documented that the Respondent failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3), 116.715(a), and 122.143(4), Flexible Permit Nos. 18287, PSDTX730M4, and PAL7, SC No. 1, FOP No. O1229, GTC and STC Nos. 32 and 36.A, and TEX. HEALTH & SAFETY CODE § 382.085(b). Specifically, the Respondent released 11,628.18 lbs of CO, 249.81 lbs of H₂S, 7,624.60 lbs of NO_x, 22,647.28 lbs of SO₂, and 11,095.19 lbs of VOC from multiple EPNs as shown in Attachment C, during an emissions event (Incident No. 288282) that began on July 14, 2018 and lasted 137 hours and 29 minutes. The emissions event occurred due to a snake infiltrating the Substation 39 area that caused a power interruption, resulting in flaring and in releases to the atmosphere. Since the emissions event was not caused by a sudden, unavoidable breakdown of equipment or process beyond the control of the owner or operator, the emissions event could have been avoided by better design and/or better operational and maintenance practices, and the amount and duration of the unauthorized emissions and any bypass of pollution control equipment were not minimized and all possible steps were not taken to minimize the impact of the unauthorized emissions on ambient air quality, the Respondent is precluded from asserting an affirmative defense under 30 TEX. ADMIN. CODE § 101.222.

III. DENIALS

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

IV. ORDERING PROVISIONS

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

1. The Respondent is assessed a penalty as set forth in Section I, Paragraph No. 4. The payment of this penalty and the Respondent's compliance with all of the requirements set forth in this 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. Penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: Exxon Mobil Corporation, Docket No. 2020-0394-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 an SEP as set forth in Section I, Paragraph No. 4. The amount of \$10,500 of the assessed penalty is conditionally offset based on the Respondent's implementation and completion of the SEP pursuant to the terms of the SEP Agreement, as defined in Attachment A. Penalty payments for any portion of the SEP deemed by the Executive Director as not complete shall be paid within 30 days after the date the Executive Director demands payment.
3. All relief not expressly granted in this Order is denied.
4. The duties and provisions imposed by this Order shall apply to and be binding upon the Respondent. The Respondent is ordered to give notice of this Order to personnel who maintain day-to-day control over the Plant operations referenced in this Order.
5. If the Respondent fails to comply with any of the Ordering Provisions in this 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 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 Order or in any plan, report, or other document submitted pursuant to this 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. This 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 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 Order may be executed in separate and multiple counterparts, which together shall constitute a single instrument. Any page of this 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 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.
9. The effective date of this Order is the date it is signed by the Commission. A copy of this fully executed Order shall be provided to each of the parties.

SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission

Date



For the Executive Director

5/2/2022

Date

I, the undersigned, have read and understand the attached Order. I am authorized to agree to the attached Order, 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 failure to comply with the Ordering Provisions, if any, in this Order and/or failure to timely pay the penalty amount, may result in:

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

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



Signature

3/3/2022
Date

ROHAN DAVIS.

BAYTOWN REFINERY MANAGER
Title

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

If mailing address has changed, please check this box and provide the new address below:

Attachment A
Docket Number: 2020-0394-AIR-E
SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:	Exxon Mobil Corporation
Payable Penalty Amount:	\$21,000
SEP Offset Amount:	\$10,500
Type of SEP:	Contribution to a Third-Party Pre-Approved SEP
Third-Party Administrator:	Houston Regional Monitoring Corporation
Project Name:	<i>Houston Area Air Monitoring Project</i>
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 SEP Offset Amount is set forth above and such offset 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 the **Houston Regional Monitoring Corporation** for the *Houston Area Air Monitoring Project* SEP. The contribution will be used in accordance with the SEP between the Third-Party Administrator and the TCEQ (the “Project”). Specifically, the SEP Offset Amount will be used to operate a network of ambient air monitoring stations that continuously measure and record concentrations of ambient air pollutants. This network includes the Houston Regional Monitor (“HRM”) 617 Wallisville Road site, the HRM 615 Lynchburg Ferry site, and the HRM 3 Haden Road site. The Third-Party Administrator shall use the SEP Offset Amount to report data from these three existing sites in the Houston Regional Monitoring Corporation ambient air quality monitoring network in the Houston-Galveston Air Quality Control Region No. 216. The SEP will be performed in accordance with all federal, state, and local environmental laws and regulations.

All dollars contributed will be used solely 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 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 to settle this enforcement action. The Respondent shall not profit in any manner from this SEP.

b. Environmental Benefit

This SEP will provide TCEQ with near real-time access to high quality, short time resolution volatile organic compound, nitrogen oxide, ozone, and meteorological data sets that can be used to evaluate and track air pollution emission events as they occur, conduct source attribution studies, and to assess potential ambient community exposure to a limited number of hazardous air pollutants. Data from the monitors can be used with data from other monitors to provide critical information that can be used to evaluate the effectiveness of current and proposed emission control strategies aimed at achieving compliance with the 8-hour ozone National Ambient Air Quality Standards. It also provides a key source of information that is essential to furthering our overall understanding of those emission sources that contribute to ambient community exposure to toxic air contaminants. Because the information is available in near real-time, it can be used to provide both agency staff and industry personnel with time critical information to investigate emission events in a timely fashion. Another key benefit is the ability to measure the change in the ambient air concentration of the individual target species and quantify control measure effectiveness. Data from these monitors will be publicly accessible through the TCEQ's website and will be used in evaluating air quality in the area, in ozone forecasts, and ozone warnings. Thus, the public will directly benefit by having access to the data and the forecasting and notification tools which can be used for public awareness.

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 contribution payable to **Houston Regional Monitoring Corporation SEP** and shall mail the contribution with a copy of the Agreed Order to:

Houston Regional Monitoring Corporation
c/o Christopher B. Amandes
Amandes PLLC
1414 West Clay Street
Houston, Texas 77019

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 due 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 the 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. Recognition

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.

Attachment B

**Exxon Mobil Corporation
Docket No. 2020-0394-AIR-E, Case No. 59042**

Emissions Event Table (Incident No. 276554)										
Source Name	EPN	Pollutants (lbs)								
		CO	H2S	NOx	SO2	VOC	NH3	HCN	H2SO4	PM
Flare Stack 11	FLARE11	371.79	0.92	72.96	84.78	52.15	0.00	0.00	0.00	0.00
Flare Stack 14	FLARE14	1,531.26	5.38	300.51	475.37	132.15	0.00	0.00	0.00	0.00
Flare Stack 15	FLARE15	37.00	0.06	7.26	5.15	5.10	0.00	0.00	0.00	0.00
Flare Stack 17	FLARE17	201.93	8.64	39.63	775.17	159.95	0.00	0.00	0.00	0.00
Flare Stack 18	FLARE18	122.28	0.19	24.00	17.42	22.05	0.00	0.00	0.00	0.00
Flare Stack 20	FL20	74.49	3.50	14.62	330.18	120.95	0.00	0.00	0.00	0.00
Flare Stack 21	FL21	456.62	0.42	89.61	39.54	75.77	0.00	0.00	0.00	0.00
Flare Stack 27	FLARE27	1,314.57	33.49	257.98	3,128.68	844.03	0.00	0.00	0.00	0.00
Flare Stack 3	FL3	241.54	0.44	47.40	39.94	358.01	0.00	0.00	0.00	0.00
Flare Stack 4	FLARE04	330.43	1.98	64.85	178.98	184.82	0.00	0.00	0.00	0.00
Flare Stack 5	FL5	21.75	0.10	4.27	9.50	6.93	0.00	0.00	0.00	0.00
Flare Stack 6	FL6	92.49	0.44	18.15	40.24	45.67	0.00	0.00	0.00	0.00
Fluid Catalytic Cracking Unit 3 Wet Gas Scrubber	FCCU3WGS	3,528.50	0.00	1,474.70	2,445.70	121.80	12.70	21.60	497.30	3,325.30
GF-1 Check Valve #1	Valve #1	0.00	0.36	0.00	0.00	17.31	0.00	0.00	0.00	0.00
GF-1 Check Valve #2	Valve #2	0.00	0.36	0.00	0.00	17.31	0.00	0.00	0.00	0.00
GF-1 Check Valve #3	Valve #3	0.00	0.36	0.00	0.00	17.31	0.00	0.00	0.00	0.00
GF-1 Check Valve #4	Valve #4	0.00	0.36	0.00	0.00	17.31	0.00	0.00	0.00	0.00
Safety Relief Valve 112	TR0122	0.00	0.00	0.00	0.00	753.90	0.00	0.00	0.00	0.00
Safety Relief Valve 143	BSO143	0.00	0.00	0.00	0.00	9,336.00	0.00	0.00	0.00	0.00
Safety Relief Valve 144	BSO144	0.00	0.00	0.00	0.00	9,336.00	0.00	0.00	0.00	0.00
Safety Relief Valve 145	BSO145	0.00	0.00	0.00	0.00	9,336.00	0.00	0.00	0.00	0.00
Safety Relief Valve 146	BSO146	0.00	0.00	0.00	0.00	9,336.00	0.00	0.00	0.00	0.00
Totals		8,324.65	57.00	2,415.94	7,570.65	40,296.52	12.70	21.60	497.30	3,325.30

Attachment C

**Exxon Mobil Corporation
Docket No. 2020-0394-AIR-E, Case No. 59042**

Emissions Event Table (Incident No. 288282)						
Source Name	EPN	Pollutants (lbs)				
		CO	H2S	NOx	SO2	VOC
FCCU-3 Wet Gas Scrubber	FCCU3WGS	1,097.52	0.00	5,557.99	0.00	0.00
Flare Stack 11	FLARE11	1,607.31	66.82	315.43	6,100.14	2,928.79
Flare Stack 14	FLARE14	1,786.53	34.35	350.60	3,111.80	936.00
Flare Stack 15	FLARE15	166.80	1.42	32.73	130.62	186.44
Flare Stack 18	FLARE18	6.35	0.00	1.25	0.00	0.17
Flare Stack 25	FL25	207.82	2.49	40.79	97.81	132.08
Flare Stack 27	FLARE27	5,305.34	119.72	1,041.16	10,936.34	5,989.87
Flare Stack 3	FL3	453.48	3.39	88.99	310.68	401.62
Flare Stack 4	FLARE04	164.70	13.65	32.32	1,239.85	0.00
Flare Stack 5	FL5	9.89	0.01	1.94	0.62	6.77
Flare Stack 6	FL6	822.44	7.96	161.40	719.42	499.07
Methyl Ethyl Ketone Blanket Gas Absorber	MEKT13	0.00	0.00	0.00	0.00	14.38
	Totals	11,628.18	249.81	7,624.60	22,647.28	11,095.19