

STATE OF LOUISIANA

DEPARTMENT OF ENVIRONMENTAL QUALITY

IN THE MATTER OF:

CITGO PETROLEUM CORPORATION

AI # 1250

PROCEEDINGS UNDER THE LOUISIANA
ENVIRONMENTAL QUALITY ACT
LA. R.S. 30:2001, ET SEQ.

* Settlement Tracking No.
* SA-AE-21-0036
*
* Enforcement Tracking No.
* AE-CN-17-00332
*
*
* Docket No. 2020-2485-DEQ
*

SETTLEMENT

The following Settlement is hereby agreed to between CITGO Petroleum Corporation (“Respondent”) and the Department of Environmental Quality (“DEQ” or “the Department”), under authority granted by the Louisiana Environmental Quality Act, La. R.S. 30:2001, et seq. (“the Act”).

I

Respondent is a corporation that owns and/or operates a petroleum refinery located in Calcasieu Parish, Louisiana (“the Facility”).

II

On December 28, 2018, the Department issued to Respondent a Consolidated Compliance Order & Notice of Potential Penalty, Enforcement No. AE-CN-17-00332 (Exhibit 1).

III

In response to the Consolidated Compliance Order & Notice of Potential Penalty, Respondent made a timely request for a hearing.

IV

Respondent denies it committed any violations or that it is liable for any fines, forfeitures

and/or penalties.

V

Nonetheless, Respondent, without making any admission of liability under state or federal statute or regulation, agrees to pay, and the Department agrees to accept, a payment in the amount of EIGHTY-FIVE THOUSAND AND NO/100 DOLLARS (\$85,000.00), of which One Thousand Seven Hundred Twenty-Five and 68/100 Dollars (\$1,725.68) represents the Department's enforcement costs, in settlement of the claims set forth in this agreement. The total amount of money expended by Respondent on cash payments to the Department as described above, shall be considered a civil penalty for tax purposes, as required by La. R.S. 30:2050.7(E)(1).

VI

Respondent further agrees that the Department may consider the inspection report(s), the Consolidated Compliance Order & Notice of Potential Penalty and this Settlement for the purpose of determining compliance history in connection with any future enforcement or permitting action by the Department against Respondent, and in any such action Respondent shall be estopped from objecting to the above-referenced documents being considered as proving the violations alleged herein for the sole purpose of determining Respondent's compliance history.

VII

This agreement shall be considered a final order of the Secretary for all purposes, including, but not limited to, enforcement under La. R.S. 30:2025(G)(2), and Respondent hereby waives any right to administrative or judicial review of the terms of this agreement, except such review as may be required for interpretation of this agreement in any action by the Department to enforce this agreement.

VIII

This settlement is being made in the interest of settling the state's claims and avoiding for both parties the expense and effort involved in litigation or an adjudicatory hearing. In agreeing to the compromise and settlement, the Department considered the factors for issuing civil penalties set forth in La. R. S. 30:2025(E) of the Act.

IX

As required by law, the Department has submitted this Settlement Agreement to the Louisiana Attorney General for approval or rejection. The Attorney General's concurrence is appended to this Settlement Agreement.

X

The Respondent has caused a public notice advertisement to be placed in the official journal of the parish governing authority in Calcasieu Parish, Louisiana. The advertisement, in form and wording approved by the Department, announced the availability of this settlement for public view and comment and the opportunity for a public hearing. Respondent has submitted an original proof-of-publication affidavit and an original public notice to the Department and, as of the date this Settlement is executed on behalf of the Department, more than forty-five (45) days have elapsed since publication of the notice.

XI

Payment is to be made within fourteen (14) days from notice of the Secretary's signature. If payment is not received within that time, this Agreement is voidable at the option of the Department. Payments are to be made by check, payable to the Department of Environmental Quality, and mailed or delivered to the attention of Accountant Administrator, Financial Services Division, Department of Environmental Quality, Post Office Box 4303, Baton Rouge, Louisiana,

70821-4303. Each payment shall be accompanied by a completed Settlement Payment Form (Exhibit A).

XII

In consideration of the above, any claims for penalties are hereby compromised and settled in accordance with the terms of this Settlement.

XIII

Each undersigned representative of the parties certifies that he or she is fully authorized to execute this Settlement Agreement on behalf of his or her respective party, and to legally bind such party to its terms and conditions.

CITGO PETROLEUM CORPORATION

BY: *J.R. Vining* for Jerry Dunn
(Signature)

John R. Vining
(Printed)

TITLE: G.M. of Engineering

THUS DONE AND SIGNED in duplicate original before me this 28th day of July, 20 21, at LAKE CHARLES, LA.



Petula J. Glaspie
NOTARY PUBLIC (ID # 50172)

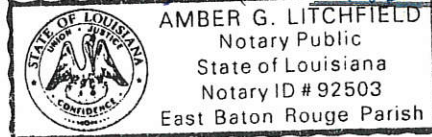
PETULA J. GLASPIE
(stamped or printed)

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
Chuck Carr Brown, Ph.D., Secretary

BY: *[Signature]*
Lourdes Iturralde, Assistant Secretary
Office of Environmental Compliance

THUS DONE AND SIGNED in duplicate original before me this 21st day of November, 20 21, at Baton Rouge, Louisiana.

[Signature]
NOTARY PUBLIC (ID # 92503)



(stamped or printed)

Approved: *[Signature]*
Lourdes Iturralde, Assistant Secretary



JOHN BEL EDWARDS
GOVERNOR

CHUCK CARR BROWN, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF ENVIRONMENTAL COMPLIANCE

December 28, 2018

CERTIFIED MAIL (7016 3010 0000 9387 7297)
RETURN RECEIPT REQUESTED

CITGO PETROLEUM CORPORATION

c/o C T Corporation System
Agent for Service of Process
3867 Plaza Tower Drive
Baton Rouge, LA 70816

**RE: CONSOLIDATED COMPLIANCE ORDER
& NOTICE OF POTENTIAL PENALTY
ENFORCEMENT TRACKING NO. AE-CN-17-00332
AGENCY INTEREST NO. 1250**

Dear Sir:

Pursuant to the Louisiana Environmental Quality Act (La. R.S. 30:2001, et seq.), the attached **CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY** is hereby served on **CITGO PETROLEUM CORPORATION (RESPONDENT)** for the violation(s) described therein.

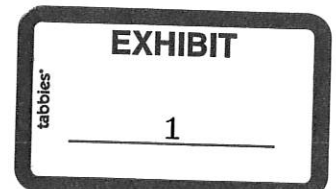
Compliance is expected within the maximum time period established by each part of the **COMPLIANCE ORDER**. The violation(s) cited in the **CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY** could result in the issuance of a civil penalty or other appropriate legal actions.

Any questions concerning this action should be directed to Antoinette Cobb at (225) 219-3072 or via email at antoinette.cobb@la.gov.

Sincerely,

Celena J. Cage
Administrator
Enforcement Division

CJC/AFC/afc
Alt ID No. 0520-00016
Attachment



c: Citgo Petroleum Corporation
c/o Ms. Phyllis Holifield, Manager-Environmental Protection Dept.
P. O. Box 1562
Lake Charles, LA 70602

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF ENVIRONMENTAL COMPLIANCE

IN THE MATTER OF	*	
	*	
CITGO PETROLEUM CORPORATION	*	ENFORCEMENT TRACKING NO.
CALCASIEU PARISH	*	
ALT ID NO. 0520-00016	*	AE-CN-17-00332
	*	
	*	AGENCY INTEREST NO.
PROCEEDINGS UNDER THE LOUISIANA	*	
ENVIRONMENTAL QUALITY ACT,	*	1250
La. R.S. 30:2001, ET SEQ.	*	

CONSOLIDATED
COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY

The following **CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY** is issued to **CITGO PETROULEUM CORPORATION (RESPONDENT)** by the Louisiana Department of Environmental Quality (the Department), under the authority granted by the Louisiana Environmental Quality Act (the Act), La. R.S. 30:2001, et seq., and particularly by La. R.S. 30:2025(C), 30:2050.2 and 30:2050.3(B).

FINDINGS OF FACT

I.

The Respondent owns and/or operates Lake Charles Manufacturing Complex (the Facility), a petroleum refinery, located at 1601 Louisiana Highway 108 East in Sulphur, Calcasieu Parish, Louisiana. The Facility operates or has operated under the authority of the following Air Permits:

UNIT	PERMIT TYPE	PERMIT NO.	ISSUE DATE	PERMIT EXPIRATION DATE
Logistics Area	Title V	2796-V12	08/17/2018	04/11/2022
		2796-V11	04/11/2017	04/11/2022
		2796-V10	12/18/2015	03/27/2017
CAT Area	Title V	2908-V9	10/24/2017	07/15/2021
		2908-V8	07/15/2016	07/15/2021

UNIT	PERMIT TYPE	PERMIT NO.	ISSUE DATE	PERMIT EXPIRATION DATE
		2908-V7	02/21/2013	07/06/2016
Reformer Area	Title V	2920-V3	05/13/2016	05/13/2021
		2920-V2AA	01/28/2011	01/05/2016
Thermal Area	Title V	2930-V5AA	12/27/2016	01/20/2021
		2930-V5	10/25/2016	01/20/2021
		2930-V4	01/20/2016	01/20/2021
		2930-V3	07/27/2011	07/27/2016
ATT	Title V	2935-V8	12/21/2017	10/28/2021
		2935-V7AA	10/24/2017	10/28/2021
		2935-V7	08/01/2017	10/28/2021
		2935-V6	04/06/2017	10/28/2021
		2935-V5	10/28/2016	10/28/2021
		2935-V4	12/10/2015	07/18/2016
CLAW Plant	Title V	3009-V5	03/23/2018	09/07/2021
		3009-V4	09/07/2016	09/07/2021
		3009-V3	01/20/2015	06/16/2016
Sites Service Area	Title V	3010-V4AA	12/27/2016	11/03/2021
		3010-V4	11/03/2016	11/03/2021
		3010-V3	05/22/2014	04/16/2017
Prevention of Significant Deterioration (PSD)	PSD	PSD-LA-691 (M-1)	04/18/2018	01/26/2019
		PSD-LA-643 (M-4)	12/18/2015	12/18/2025
		PSD-LA-643 (M-3)	06/01/2015	12/18/2015
		PSD-LA-643 (M-2)	05/22/2014	06/01/2015
		PSD-LA-180 (M-1)	07/27/2011	07/27/2021
		PSD-LA-222 (M-1)	01/05/2011	01/05/2021

The facility also operates under a Consent Decree, Civil Action No. H-01-4430, entered into the United States District Court for the Southern District of Texas on or about January 26, 2005.

II.

On or about December 5-17, 2016, the Department conducted a Full Compliance Evaluation Inspection to determine the Respondent's degree of compliance with the Act, the Air Quality Regulations, and all applicable permits. While the Department's investigation is not yet complete, the following violations were noted during the course of the inspection:

- A. The Respondent failed to submit the 60-day written update reports for ongoing investigations. The Respondent is required to submit written updates of the status of an ongoing investigation for an unauthorized discharge every sixty (60) days until the investigation is completed and the results of the investigation have been submitted. The inspector noted the Respondent failed to submit 60-day update reports for the following incidents:

INCIDENT DATE	DEPARTMENT INCIDENT NO.	7-DAY WRITTEN NOTIFICATION REPORT POSTMARK DATE	60-DAY FOLLOW-UP REPORT DUE DATE
03/03/2016	T169056	03/09/2016	05/08/2016
08/27/2016	T172783	09/02/2016	11/01/2016

Each failure to submit the 60-day update report is a violation of Specific Requirement 299 of Title V Permit No. 2908-V7, Specific Requirement 460 of Title V Permit No. 3010-V3, LAC 33:I.3925.A.3, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(2). The Respondent submitted the 60-day follow-up reports for Department Incident Nos. T169056 and T172783 on or about May 3, 2017, and December 15, 2016, respectively.

- B. During the C-Reformer Unit tour, a small opening in the sealant cover of 327 Oily Water Sewer Junction Box 10 was noted by the inspector. Upon request, the opening was monitored by a technician from Guardian Compliance (CITGO LDAR contracted third party); the VOC reading for the opening was 12,000 ppm. Two additional areas on the same junction box cover were observed with cracks in the sealant; these areas were also subsequently monitored. A VOC reading of 4,000 ppm was obtained from an area below a flange, and a VOC reading of 608 ppm was obtained from an area near a pump base. Failure to maintain best practical housekeeping and maintenance practices at the highest possible standards is a violation of Specific Requirement 226 of Title V Permit No. 2920-V3, LAC 33:III.2113.A, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(1) and 30:2057(A)(2).

III.

The Department received an Unauthorized Discharge Notification Report for Incident No. T179936 dated September 13, 2017. According to the report, on August 28, 2017, a bleeder valve was left open on OMB Tank 201, which resulted in the unauthorized release of benzene within the tank dike wall containment. The incident lasted for approximately four (4) hours and forty-one (41) minutes and resulted in the release of 9,674.1 pounds (31.2 barrels) of benzene, of which 9,671.8 pounds was released to the atmosphere. The Respondent determined the release was due to human error and therefore preventable. Failure to use and/or diligently maintain a control device in proper working order is a violation of LAC 33:III.905.A and La. R.S. 30:2057(A)(2). The Respondent failed to submit the written report for the unauthorized discharge in a timely manner. The Respondent is required to submit a written report for any unauthorized discharge that requires notification under LAC 33:I.3915.A, 3917, or 3923

within seven (7) calendar days after the expiration of the time allowed for the notification. The Department received the report on September 18, 2017. Failure to submit the written report within seven (7) calendar days after expiration of the time allowed for notification is a violation of LAC 33:I.3925.A, LAC 33:III.927.A, and La. R.S. 30:2057(A)(2). The Respondent submitted a request for a twenty-eight (28) day reporting extension dated August 31, 2017.

IV.

On or about September 25-26, 2017, and July 18, 2018, the Department conducted file reviews to determine the Respondent's degree of compliance with the Act, the Air Quality Regulations, all applicable permits and reports encompassing the January 1, 2016-June 30, 2017 reporting periods. While the reviews are not complete, the Department noted the violations found in Paragraphs V-X of the Findings of Fact portion of this enforcement action.

V.

The Respondent reported the following deviations from permitted operating parameters:

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	OPERATING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
A.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2796-V10	EQT 0076 T-9 Finished Gasoline FR Tank	04/18/2016 (1.5 hours)	The roof shall be floating on the liquid at all times, except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled.	Roof landed on its legs.	40 CFR 60.112b(a)(2), Specific Requirement 2
B.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2920-V2AA	UNF 0006 Reformer Area	03/01/2016 (4 hours)	Comply with the requirements of PSD-LA-222 (M-1).	C-Reformer B-501,502,506 furnaces (EQT 0237) exceeded the upper oxygen limit during unit adjustments due to rate change.	Specific Requirement 235
C.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2920-V2AA	UNF 0006 Reformer Area	03/17/2016 (1 hour)	Comply with the requirements of PSD-LA-222 (M-1).	C-Reformer B-501,502 506 furnaces (EQT 0237) exceeded the upper oxygen limit during unit adjustments due to rate change.	Specific Requirement 235

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	OPERATING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
D.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2935-V4	EQT 0304 Acid Plant F1 Acid Storage EQT 0305 Acid Plant F2 Acid Storage EQT 0306 Acid Plant F3 Acid Storage	02/16/2016 (0.03 hour)	Operate the closed vent system and control device in accordance with the operating plan submitted to DEQ in accordance with 40 CFR 60.113b(c)(1).	Pressure safety valves (PSVs) relieved to atmosphere due to high pressure on the vapor recovery system.	Specific Requirements 60, 74, & 88
E.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2935-V4	EQT 0298 TG-II Vent Stack	06/19/2016 (1.43 hours)	Hydrogen sulfide: Refinery H ₂ S gas streams are controlled by the DRU and their TGTU, which are subject to NSPS Subpart J standards.	D-SRU was routed to the Thermal Oxidizer in an effort to avoid breaching the sulfur seals during a unit upset.	Specific Requirement 47
F.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	3010-V3	EQT 0357 Misc. Power Sources	01/01/2016- 01/10/2016	Comply with all applicable requirements for non-emergency generators of the Subpart IIII	Long term rental engine changed classification from non-road to stationary and did not meet stationary tier requirements <i>Corrective action: Rental engine replaced with engine meeting standards/requirements.</i>	40 CFR 60.4204, Specific Requirements 364,365
G.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	3010-V3	EQT 0351 B-12 Flare	01/09/2016 (0.62 intermittent)	Operate with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f)(2)	Lost all pilots when attempting to drain flare modular seal	40 CFR 60.18(f)(2), Specific Requirements 266, 270, 272, 273, 278, 282, 288

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	OPERATING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
H.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	3010-V3	EQT 0343 B-1 Flare	02/29/2016 (7 hours)	[Comply with all applicable provisions of Subpart Ja by November 15, 2015.] Each owner or operator shall not burn in any affected flare any fuel gas that contains H ₂ S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis.	H ₂ S exceeded 162 ppm for five (5) 3-hr averages due to insufficient caustic circulation and misdiagnosis of high reading	40 CFR 60.103a(h), Specific Requirement 58
I.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	3010-V3	EQT 0350 B-11 Flare	01/01/2016- 03/31/2016	[Comply with all applicable provisions of Subpart Ja by November 15, 2015.] The owner or operator shall comply with the applicable quality assurance procedures in Appendix F to Part 60 for each H ₂ S monitor.	Failed to use certified reference material in conducting first quarter Cylinder Gas Audit (CGA). <i>Corrective action: Proper gases obtained for 2nd CGAs.</i>	40 CFR 60.107a(a)(2)(iii), Specific Requirement 237
J.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	3010-V3	EQT 0352 B-16 Flare	01/01/2016- 03/31/2016	[Comply with all applicable provisions of Subpart Ja by November 15, 2015.] The owner or operator shall comply with the applicable quality assurance procedures in Appendix F to Part 60 for each H ₂ S monitor.	Failed to use certified reference material in conducting first quarter CGA. <i>Corrective action: Proper gases obtained for 2nd CGAs.</i>	40 CFR 60.107a(a)(2)(iii), Specific Requirement 289

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	OPERATING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
K.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/15/2017)	2908- V8	EQT 0038 A Cat-Wet Gas Scrubber	12/26/2016-12/27/2016 (5 hours)	Maintain a 1.0 lb PM per 1000 lbs of coke burn daily average rate out of the Wet Gas Scrubber pursuant to NSPS Subpart J emission limits as determined by parameters defined in an AMP request submitted on 10/27/2004 to EPA for approval	Wet Gas Scrubber Pump [P90A] failure. The Wet Gas Scrubber was unable to maintain the minimum 3-hour rolling averages for Quench Section Pump Pressure and Liquid to Gas Ratio during this time period due to only one of the three pumps being in service during this event.	40 CFR 60.102(a)(2), 40 CFR 63.1564(a)(1), Specific Requirements 23, 30, & 35
L.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/15/2017)	2908- V8	EQT 0039 B Cat-Wet Gas Scrubber	09/22/2016 (1 hour)	Maintain a concentration based limit of CO out of the Wet Gas Scrubber at 500 ppmvd on a 1-hour average basis at 0% oxygen	A fluctuation in temperature of the B Cat D2 Regenerator allowed the unit to enter into partial burn mode causing the B Cat Wet Gas Scrubber to exceed the hourly CO limit	40 CFR 60.103(a), 40 CFR 63.1565(a), Specific Requirements 45, 53, & 58
M.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/15/2017)	2920-V3	GRP 0119 CAP1-Furnace Cap	07/12/2016-07/13/2016 11:50-0:15 (0.4 hour)	Opacity <= 20%, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20% for not more than one six-minute period in any 60 consecutive minutes.	A leak and fire on the North side of the B403 (EQT 0231) furnace at the convection section caused smoking from the furnace stack. <i>Corrective actions: 1) Furnace was shut down; 2) Replaced all tubes in the B403, B404, and B405 furnaces; & 3) Replaced the inlet and outlet header on B403 and installed additional temperature indicators in B403 heater.</i>	LAC 33:III.1101.B, Specific Requirement 161

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	OPERATING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
N.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/15/2017)	2920-V3	GRP 0119 CAP1-Furnace Cap	08/18/2016 14:14-14:23 (0.1 hour)	Opacity <= 20%, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20% for not more than one six-minute period in any 60 consecutive minutes.	B-501 heater smoked due to firing issues.	LAC 33:III.1101.B, Specific Requirement 161
O.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/15/2017)	2920-V3	UNF 0006 Reformer Area	09/19/2016 (1 hour)	Comply with the requirements of PSD-LA-222 (M-1).	C-Reformer B-501,502,506 furnaces (EQT 0237) exceeded the upper oxygen limit during unit adjustments due to rate change.	Specific Requirement 231
P.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/15/2017)	2935-V4	EQT 0297 Sulfent Vent Stack	08/29/2016 (1.2 hours)	Hydrogen Sulfide: Refinery H ₂ S gas streams are controlled by the SRU and their TGTU, which are subject to NSPS Subpart J standards, which are more stringent than LAC 33:III.1509.	Loss of steam control at D SRU Pit Vent.	LAC 33:III.1509, Specific Requirement 38
Q.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/30/2017)	3010-V4	GRP 0138 Refinery Flare Cap EQT 0343 B-1 Flare	11/07/2016 (0.27 hour)	Design and operate for no visible emissions, as determined by the methods specified in 40 CFR 60.18(f), except for periods not to exceed a total of 5 minutes during any two consecutive hours	Loss of instrument air caused a pressure relief device to relieve to B-1 Flare. This caused the B-1 Flare to smoke for a short period.	40 CFR 60.18(c)(1), Specific Requirement 96
R.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/30/2017)	3010-V4	GRP 0138 Refinery Flare Cap	12/14/2016 (3 hours)	Fuel gas: Hydrogen sulfide ≤ 162 ppmv (3-hr rolling avg)	H ₂ S exceeded 162 ppm when the B-1 Flare was taken off of flare gas recovery. The flare was isolated to facilitate flare line maintenance.	40 CFR 60.103a(h), Specific Requirement 94

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	OPERATING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
S.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2908-V8	EQT 0038 A Cat-Wet Gas Scrubber	04/11/2017 (4 hours)	Maintain a 1.0 lb PM per 1000 lbs of coke burn daily average rate out of the Wet Gas Scrubber pursuant to NSPS Subpart J emission limits as determined by parameters defined in an AMP request submitted on 10/27/2004 to EPA for approval	While work was being performed on C-Cat circulation pumps, incorrect breakers were tripped during repairs causing Wet Gas Scrubber circulation pumps on A-Cat to trip.	40 CFR 60.102(a)(2), 40 CFR 63.1564(a)(1), Specific Requirements 23, 30, & 35
T.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2908-V8	EQT 0039 B Cat-Wet Gas Scrubber	04/11/2017 (2 hours)	Maintain a 1.0 lb PM per 1000 lbs of coke burn daily average rate out of the Wet Gas Scrubber pursuant to NSPS Subpart J emission limits as determined by parameters defined in an AMP request submitted on 10/27/2004 to EPA for approval.	While work was being performed on C-Cat circulation pumps, incorrect breakers were tripped during repairs causing Wet Gas Scrubber circulation pumps on A-Cat to trip.	40 CFR 60.102(a)(2), 40 CFR 63.1564(a)(1), Specific Requirements 44, 51, & 56
U.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2920-V3	UNF 0006 Reformer Area	04/03/2017 (2 hours)	Comply with the requirements of PSD-LA-222 (M-1).	C-Reformer B-501,502,506 furnaces (EQT 0237) exceeded the upper oxygen limit during unit feed rate adjustments.	Specific Requirement 231
V.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2920-V3	UNF 0006 Reformer Area	05/03/2017- 05/04/2017 (10 hours)	Comply with the requirements of PSD-LA-222 (M-1).	C-Reformer B-501,502,506 furnaces (EQT 0237) exceeded the upper oxygen limit during unit swings.	Specific Requirement 231
W.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2920-V3	UNF 0006 Reformer Area	05/04/2017 (10 hours)	Comply with the requirements of PSD-LA-222 (M-1).	C-Reformer B-501,502,506 furnaces (EQT 0237) exceeded the upper oxygen limit during unit swings.	Specific Requirement 231
X.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2920-V3	UNF 0006 Reformer Area	05/07/2017 (1 hour)	Comply with the requirements of PSD-LA-222 (M-1).	C-Reformer B-501,502,506 furnaces (EQT 0237) exceeded the upper oxygen limit during unit feed rate adjustments.	Specific Requirement 231

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	OPERATING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
Y.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2920-V3	UNF 0006 Reformer Area	05/09/2017 (1 hour)	Comply with the requirements of PSD-LA-222 (M-1).	C-Reformer B-501,502,506 furnaces (EQT 0237) exceeded the upper oxygen limit while cleaning burners on B- 506.	Specific Requirement 231
Z.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2920-V3	GRP 0119 CAP1-Furnace Cap	02/08/2017 (1 hour)	Fuel gas: Hydrogen sulfide ≤ 0.1 gr/dscf (230 mg/dscm) (3-hr rolling avg)	F-104 fuel gas drum exceeded 162 ppm H ₂ S 3-hour rolling average due to low amine circulation at Coker 2. The amine system for H ₂ S control at Coker II was not operating properly because the console was not updated to use the new H ₂ S analyzer tag.	40 CFR 60.104(a)(1), Specific Requirement 151
AA.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2920-V3	GRP 0119 CAP1-Furnace Cap	05/09/2017 (0.2 hour)	Opacity ≤ 20%, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20% for not more than one six-minute period in any 60 consecutive minutes.	While cleaning the burners in B-506, there was smoking from the C- Reformer B-501,502, 506 furnace stack (EQT 0237)	LAC 33:III.1101.B, Specific Requirement 161
BB.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2930-V5AA	GRP 0122 Furnace CAP EQT 0239 Coker II B-201 Furnace EQT 0240 Coker II B-202 Furnace	02/08/2017 (3 hours)	Fuel gas: Hydrogen sulfide ≤ 0.1 gr/dscf (230 mg/dscm) (3-hr rolling avg)	Amine system for H ₂ S control at Coker II upset due to system failure to recognize new analyzer tag causing elevated H ₂ S in fuel gas.	40 CFR 60.104(a)(1), Specific Requirement 261

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	OPERATING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
CC.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	3010-V4AA	GRP 0138 Refinery Flare Cap EQT 0343 B-1 Flare	05/01/2017 (2.37 hours)	Operate with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f)(2)	Excess nitrogen in natural gas caused pilots to be extinguished.	40 CFR 60.18(c)(2), Specific Requirements 95, 99, 101, & 102
DD.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	3010-V4AA	GRP 0138 Refinery Flare Cap EQT 0351 B-15 Flare	05/01/2017 (0.8 hour)	Operate with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f)(2)	Excess nitrogen in natural gas caused pilots to be extinguished.	40 CFR 60.18(c)(2), Specific Requirements 95, 99, 101, & 102
EE.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	3010-V4AA	GRP 0138 Refinery Flare Cap EQT 0521 B-105 Flare	05/01/2017 (0.13 hour)	Operate with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f)(2)	Excess nitrogen in natural gas caused pilots to be extinguished.	40 CFR 60.18(c)(2), Specific Requirements 95, 99, 101, & 102
FF.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	3010-V4AA	GRP 0138 Refinery Flare Cap EQT 0522 B-107 Flare	05/01/2017 (0.13 hour)	Operate with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f)(2)	Excess nitrogen in natural gas caused pilots to be extinguished.	40 CFR 60.18(c)(2), Specific Requirements 95, 99, 101, & 102
GG.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	3010-V4AA	GRP 0138 Refinery Flare Cap EQT 0354 CB-701 Flare	05/10/2017 (0.02 hour)	Operate with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f)(2)	Water condensate briefly extinguished flare flame.	40 CFR 60.18(c)(2), Specific Requirements 95, 99, 101, & 102
HH.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	3010-V4AA	GRP 0138 Refinery Flare Cap EQT 0521 B- 105 Flare	03/04/2017 (0.18 hour)	Design and operate for no visible emissions, as determined by the methods specified in 40 CFR 60.18(f) except for periods not to exceed 5 minutes during any two consecutive hours	Loss of compressor in the C4 recovery unit resulted in flaring from the B105 flare. Adequate steam was not added to prevent smoking.	40 CFR 60.18(c)(1), Specific requirements 94, 101, & 102

Each failure to operate according to permitted requirements is a violation of the applicable permit(s) and associated requirement(s) listed above, LAC 33:III.501.C.4, La. R.S. 30:2057(A)(2).

VI.

The Respondent reported the following deviations from monitoring requirements:

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	MONITORING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
A.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2908-V7	FUG 0006 Cat Area Fugitives	01/23/2016- 02/16/2016	Valves in gas/vapor service and in light liquid service: VOTAP monitored by the regulation's specified method(s) quarterly, as specified in Subsection I.1 of the Louisiana MACT Determination for Refinery Equipment Leaks (July 26, 1994)	Valves (3) added in field were put into service without tagging and monitoring within ninety (90) days. <i>Corrective action: Components monitored and added to the LDAR monitoring database.</i>	LAC 33:III.5109.A, Specific Requirement 188
B.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2920-V2AA	FUG 0013 Reformer Area Fugitives	02/12/2016- 02/16/2016	Valves in gas/vapor service and in light liquid service: VOC, Total monitored by the regulation's specified method(s) quarterly, as specified in Subsection I.1 of the Louisiana MACT determination for Refinery Equipment Leaks (July 26, 1994)	Valves (13) added in field were put into service without tagging and monitoring within ninety (90) days. <i>Corrective action: Components monitored and added to the LDAR monitoring database.</i>	LAC 33:III.5109.A, Specific Requirement 107
C.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2920- V2AA/V3	FUG 0013 Reformer Area Fugitives	01/01/2016- 06/30/2016	[Comply with streamlined LDAR Program dated 04/17/96 and approved 05/27/99, addended on 05/24/05 and approved 07/28/05.] Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed-vent system.	Five (5) routine sample systems in these units were found not to be equipped with a closed-purge, closed-loop, or close-vented system. <i>Corrective action: Capital Project initiated to design and install sample system meeting the requirements of Subpart GGGa.</i>	40 CFR 60.482-5a(a), LAC 33:III.5109.A, Specific Requirements 99 & 134
D.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2935-V4	FUG 0015 AAT Area Fugitives	01/01/2016- 06/30/2016	[Comply with 40 CFR 63 Subpart GGG by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with the Louisiana Refinery MACT.] Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed-vent system.	Two (2) routing sample systems in these units were found not to be equipped with a closed-purge, closed-loop, or closed-vent system. <i>Corrective action: Capital Project initiated to design and install sample system meeting the requirements of Subpart GGGa.</i>	40 CFR 60.482-5a(2), LAC 33:III.5109.A, Specific Requirement 177

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	MONITORING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
E.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/15/2017)	2920-V3	FUG 0013 Reformer Area Fugitives	07/01/2016-12/31/2016	[Comply with streamlined LDAR Program dated 04/17/96 and approved 05/27/99, addended on 05/25/05 and approved 07/28/05.] Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed-vent system.	Five (5) routing sample systems in these units were found not to be equipped with a closed-purge, closed-loop, or closed vent system. <i>Corrective action: Capital Project initiated to design and install sample system meeting the requirements of Subpart GGGa.</i>	40 CFR 60.482-5a(a), LAC 33:III.5109.A, Specific Requirement 134
F.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/15/2017)	2920-V3	FUG 0013 Reformer Area Fugitives	07/01/2016-12/31/2016	[Comply with streamlined LDAR Program dated 04/17/96 and approved 05/27/99, addended on 05/25/05 and approved 07/28/05.] Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed-vent system.	Two (2) moisture analyzer sample points in these units were found not to be equipped with a closed-purge, closed-loop, or closed-vent system. <i>Corrective action: Capital Project initiated to design and install sample system meeting the requirements of Subpart GGGa.</i>	40 CFR 60.482-5a(a), LAC 33:III.5109.A, Specific Requirement 134
G.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/15/2017)	2935-V4	FUG 0015 AAT Area Fugitives	07/21/2016-08/02/2016	Comply with LAC 33:III.2122 by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with the Louisiana Refinery MACT.	Failure to maintain isolation on Pump on delay of repair	LAC 33:III.2122, Specific Requirement 141
H.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/15/2017)	2935-V4/V5	FUG 0015 AAT Area Fugitives	07/01/2016-12/31/2016	[Comply with 40 CFR 60 Subpart GGGa by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines.] Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed vent system.	Two (2) routine sample systems in these units were found not to be equipped with a closed-purge, closed-loop, or closed vent system. <i>Corrective action: Capital Project initiated to design and install sample system meeting the requirements of Subpart GGGa.</i>	40 CFR 60.482-5a(2), LAC 33:III.5109.A, Specific Requirements 177 & 201
I.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/30/2017)	3010-V3	EQT 0343 B-1 Flare	09/14/2016-09/20/2016 (146 hours)	Comply with all applicable requirements of Subpart Ja by November 11, 2015	The total sulfur CEMS failed to perform daily validations following the successful completion of a CGA. The CEMS was not place back into validation mode following the CGA.	40 CFR 60.107a(a)(2), Specific Requirement 58
J.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2908-V8	EQT 0038 A Cat-Wet Gas Scrubber	01/01/2017-02/01/2017 (744 hours)	Nitrogen oxides (NOx) monitored by continuous emission monitor	Monthly downtime exceeded 10% during month of January.	Specific Requirement 42
K.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2908-V8	EQT 0039 B Cat-Wet Gas Scrubber	01/01/2017-02/01/2017 (744 hours)	Nitrogen oxides (NOx) monitored by continuous emission monitor	Monthly downtime exceeded 10% during month of January.	Specific Requirement 64

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	MONITORING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
L.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2920-V3	FUG 0013 Reformer Area Fugitives	01/01/2017-01/18/2017	[Comply with streamlined LDAR Program dated 04/17/96 and approved 05/27/99, addended on 05/25/05 and approved 07/28/05.] Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed-vent system.	Five (5) routing sample systems in these units were found not to be equipped with a closed-purge, closed-loop, or closed vent system. <i>Corrective action: Closed loop sample systems meeting the requirements of Subpart GGGa were installed in January 2017.</i>	40 CFR 60.482-5a(a), LAC 33:III.5109.A, Specific Requirement 134
M.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2920-V3	FUG 0013 Reformer Area Fugitives	01/01/2017-06/30/2017	[Comply with streamlined LDAR Program dated 04/17/96 and approved 05/27/99, addended on 05/25/05 and approved 07/28/05.] Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed-vent system.	Two (2) moisture analyzer sample points in these units were found not to be equipped with a closed-purge, closed-loop, or closed-vent system. <i>Corrective action: Operations quit taking routing samples from these points. A capital project to install closed sample systems is in progress.</i>	40 CFR 60.482-5a(a), LAC 33:III.5109.A, Specific Requirement 134

Each failure to monitor as required is a violation of the applicable permit(s) and associated requirement(s) listed above, LAC 33:III.501.C.4, La. R.S. 30:2057(A)(2).

VII.

The Respondent reported the following emission exceedances:

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	POLLUTANTS RELEASED (permit limit)	ACTUAL EMISSION RATE/QUANTITY	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
A.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2796-V10	EQT 0062 Marine Loading Uncontrolled	02/06/2016 (43 hours)	Not reported	Not reported	Uncontrolled loading of alkylate	Emission Rates for Criteria Pollutants
B.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2908-V7	EQT 0033 BLCOH Reactor Charge Heater	02/23/2016 (4 hours)	SO ₂ (1.92 max lb/hr)	Not reported	While depressuring the Alkylation Unit's E104, fuel gas quantity was impacted. The high sulfur content from E104 in the fuel gas quality caused furnace to exceed the SO ₂ limit.	Emission Rates for Criteria Pollutants

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	POLLUTANTS RELEASED (permit limit)	ACTUAL EMISSION RATE/QUANTITY	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
C.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2920-V2AA	EQT 0224 A Reformer B-101 Furnace	02/08/2016 (1 hour)	CO (19.02 max lb/hr)	19.23 lb/hr	Swing in fuel gas heat content caused the heater to exceed its 1-hour maximum heater duty (mmbtu/hr) limit resulting in emission rates about maximum lb/hr permitted limits	Emission Rates for Criteria Pollutants
					PM (1.72 max lb/hr)	1.74 lb/hr		
					VOC (1.25 max lb/hr)	1.26 lb/hr		
D.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2920-V2AA	EQT 0223 A-Reformer B-101 Furnace	03/11/2016 (1 hour)	VOC (0.21 max lb/hr)	3.63 lb/hr	A leak and fire occurred on the North side of the B101 furnace at the convection section resulting in hourly emission rates above maximum lb/hr permitted limits. <i>Corrective actions: inspected and repaired all North outlet flanges, modified B101 operating procedure and adjusted the alarms for excess oxygen and furnace draft.</i>	Emission Rates for Criteria Pollutants
E.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2930-V4	EQT 0251 Vacuum Furnace B-1	02/23/2016 (4 hours)	SO ₂ (8.94 max lb/hr)	Not reported	While depressuring the Alkylation Unit's E104, fuel gas quality was impacted. The high sulfur content from E104 in the fuel gas caused furnaces to exceed the SO ₂ limit.	Emission Rates for Criteria Pollutants
			EQT 0396 1A CV-1 Furnace		SO ₂ (14.32 max lb/hr)	Not reported		
			EQT 0397 1B CV-1 Furnace		SO ₂ (14.32 max lb/hr)	Not reported		
			EQT 0398 2A CV-1 Furnace		SO ₂ (21.49 max lb/hr)	Not reported		
			EQT 0399 2B CV-1 Furnace		SO ₂ (21.49 max lb/hr)	Not reported		
			EQT 0252 Coker 1 Furnace B-101		SO ₂ (12.22 max lb/hr)	Not reported		
			EQT 0257 Feed Prep Furnace B-101		SO ₂ (8.15 max lb/hr)	Not reported		

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	POLLUTANTS RELEASED (permit limit)	ACTUAL EMISSION RATE/QUANTITY	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
F.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/15/2017)	2920-V3	EQT 0231 B-Reformer B-403, 404, 405 Furnaces	07/13/2016 (2 hours)	CO (34.01 max lb/hr)	178.3 lb/hr	A leak and fire occurred on the North side of the B403 (EQT 0231) furnace at the convection section resulting in hourly emission rates above maximum lb/hr permitted limits. <i>Corrective actions:</i> 1) Furnace was shut down; 2) Replaced all tubes in the B403, B404, and B405 furnaces; & 3) Replaced the inlet and outlet header on B403 and installed additional temperature indicators in B403 heater.	Emission Rates for Criteria Pollutants
					PM (3.08 max lb/hr)	96.8 lb/hr		
					VOC (2.23 max lb/hr)	680.5 lb/hr		
G.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2920-V3	EQT 0238 C-Reformer B-503, 504, 505 Furnaces	05/23/2017 (7 hours)	SO ₂ (87.73 max lb/hr)	115.48 lb/hr	F-535 fuel gas drum weekly samples detected elevated Total Sulfur in the fuel gas, resulting in SO ₂ emission above the hourly limit.	Emission Rates for Criteria Pollutants
H.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2920-V3	EQT 0237 C-Reformer B-501, 502, 506 Furnaces	05/09/2017 (1 hour)	CO (20.42 max lb/hr)	289.27 lb/hr	While cleaning the burners in B-506, the hourly CO emitted exceeded the maximum permitted limits.	Emission Rates for Criteria Pollutants
I.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2930-V5AA	EQT 0399 CV-1 Furnace B102B	02/08/2017 (1 hour)	SO ₂ (21.49 max lb/hr)	Not reported	Amine system for H ₂ S control at Coker II upset due to system failure to recognize new analyzer tag causing elevated H ₂ S in fuel gas.	Emission Rates for Criteria Pollutants

Each emission exceedance is a violation of the applicable permit(s) and associated requirement(s) listed above, LAC 33:III.501.C.4, La. R.S. 30:2057(A)(1), and 30:2057(A)(2).

VIII.

The Respondent reported the following deviations from fugitive emission requirements:

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
A.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2908-V7	FUG 0006 Cat Area Fugitives	04/26/2016	Equipment in service without proper controls in place. One (1) open-ended line (OEL) was found in the Cat Area during this semiannual period.	LAC 33:III.5109.A, Specific Requirement 156

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
B.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2930-V4	FUG 0003 Thermal Area Fugitives	01/28/2016	Equipment in service without proper controls	LAC 33:III.5109.A, Specific Requirement 225
C.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	2935-V4	FUG 0015 AAT Area Fugitives	01/12/2016, 04/25/2016, 04/25/2016, 05/17/2016-05/18/2016	Equipment, four (4) open-ended lines/valves, in service without proper controls in place.	LAC 33:III.5109.A, Specific Requirement 161
D.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/15/2017)	2930-V4	FUG 0003 Thermal Area Fugitives	09/01/2016	Equipment in service without proper controls in place.	LAC 33:III.5109.A, Specific Requirement 225,
E.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/15/2017)	2935-V5	FUG 015 AAT Area Fugitives	11/07/2016	Equipment, three (3) open-ended lines/valves, in service without proper controls in place.	LAC 33:III.5109.A, Specific Requirement 185
F.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2920-V3	FUG 0013 Reformer Area Fugitives	06/26/2017	Equipment, one (1) open-ended line/valve, in service without proper controls in place.	LAC 33:III.5109.A, Specific Requirements 42 & 114
G.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2930-V5AA	FUG 0014 Thermal Area Fugitives	01/12/2017	Equipment, one (1) open-ended line/valve, in service without proper controls in place.	LAC 33:III.5109.A, Specific Requirement 223
H.	1 st half of 2017 Part 70 Deviation and Monitoring Report (09/25/2017)	2935-V5/V6	FUG 015 AAT Area Fugitives	03/06/2017, 06/15/2017	Equipment, six (6) open-ended lines/valves, in service without proper controls in place.	LAC 33:III.5109.A, Specific Requirements 185& 198

Each failure to meet fugitive emission requirements is a violation of the applicable permit(s) and associated requirement(s) listed above, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(1), and 30:2057(A)(2).

IX.

The Respondent failed to meet the following reporting requirements:

	REPORT (date)	PERMIT NUMBER	REPORTING REQUIREMENT	DUE DATE	POSTMARK DATE	REGULATORY or PERMIT REQUIREMENTS
A.	Notification Report-Unauthorized Discharge B-Reformer Fire for Department Incident No. T171636 (07/21/2016)	2920-V3	Written reports for any unauthorized discharge that requires notification shall be submitted within seven (7) calendar days after the expiration of time allowed for the notification.	07/21/2016	07/25/2016	LAC 33:I.3925.A LAC 33:III.927
B.	Department Incident No. T176313 (04/07/2017)	N/A	Written reports for any unauthorized discharge that requires notification shall be submitted within seven (7) calendar days after the expiration of time allowed for the notification.	03/14/2017	04/17/2017	LAC 33:I.3925.A LAC 33:III.927

Each failure to meet reporting requirements is a violation of the applicable permit(s) and associated requirement(s) listed above, LAC 33:III.501.C.4, La. R.S. 30:2057(A)(1), and 30:2057(A)(2).

X.

The Respondent reported the following recordkeeping violations:

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	RECORD REQUIREMENT	REPORTED CAUSE	SPECIFIC REQUIREMENT or REGULATION
A.	1 st half of 2016 Part 70 Deviation and Monitoring Report (08/25/2016)	3010-V3	UNF 0007 Site Services Area	06/01/2016-06/09/2016 (184.7 hours)	Data availability for Continuous Monitoring- the minimum degree of data availability shall be at least 90 percent (based on a monthly average) of the operating time of the emissions unit or activity being monitored	B-12 flare flow meter output was unchanging	Specific Requirement 450
B.	2 nd half of 2016 Part 70 Deviation and Monitoring Report (03/30/2017)	3010-V3	UNF 0007 Site Services Area	09/14/2016-09/20/2016 (146 hours)	Data availability for Continuous Monitoring- the minimum degree of data availability shall be at least 90 percent (based on a monthly average) of the operating time of the emissions unit or activity being monitored	The total sulfur CEMS failed to perform daily validations following the successful completion of a CGA. The CEMS was not place back into validation mode following the CGA.	Specific Requirement 450

Each failure to maintain the required records is a violation of the applicable permit(s) and any associated permit requirement(s) listed above, LAC 33:III.501.C.4, La. R.S. 30:2057(A)(2).

COMPLIANCE ORDER

Based on the foregoing, the Respondent is hereby ordered:

I.

To take, immediately upon receipt of this **COMPLIANCE ORDER**, any and all steps necessary to meet and maintain compliance with the Act, the Air Quality Regulations, and all applicable permits.

II.

To submit to the Enforcement Division, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, the following information as related to the violation cited in Paragraph III of the **FINDINGS OF FACT** portion of the action: 1) the calculations to support the total amount of benzene released through the bleeder valve to the secondary containment, which shall include but not limited to,

the diameter of the bleeder valve and how the leak was identified, and 2) the justification for failed to separate the benzene from the water inside the secondary containment.

III.

To submit to the Enforcement Division, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, a written report identifying the emission exceedances associated with the failure to comply with PSD Permit No. PSD-LA-222 (M-1) as cited in Paragraph V. B-C, O, and U-Y of the **FINDINGS OF FACT** portion of the action. The report shall include the quantities as applicable.

IV.

To submit to the Enforcement Division, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, a written report providing the actual concentration, opacity, and/or emission quantities, as applicable, for the violations cited in Paragraph V.H, K, L-N, R-T, and Z-BB of the **FINDINGS OF FACT PORTION** of this action.

V.

To submit to the Enforcement Division, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, the quantities and/or reported cause of the emission exceedances cited in Paragraph VII.A-I of the **FINDINGS OF FACT** portion of this action.

VI.

To submit to the Enforcement Division, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, the number of equipment in place without proper controls as cited in Paragraph VIII.B and D of the **FINDINGS OF FACT** portion of this action.

VII.

To submit to the Enforcement Division, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, a written report that includes a detailed description of the circumstances surrounding the cited violations and actions taken or to be taken to achieve compliance with the Order Portion of this **COMPLIANCE ORDER**. This report and all other reports or information required to be submitted to the Enforcement Division by this **COMPLIANCE ORDER** shall be submitted to:

Office of Environmental Compliance
Post Office Box 4312
Baton Rouge, Louisiana 70821-4312
Attn: **Antoinette Cobb**
Re: **Enforcement Tracking No. AE-CN-17-00332**
Agency Interest No. 1250

THE RESPONDENT SHALL FURTHER BE ON NOTICE THAT:

I.

The Respondent has a right to an adjudicatory hearing on a disputed issue of material fact or of law arising from this **COMPLIANCE ORDER**. This right may be exercised by filing a written request with the Secretary no later than thirty (30) days after receipt of this **COMPLIANCE ORDER**.

II.

The request for an adjudicatory hearing shall specify the provisions of the **COMPLIANCE ORDER** on which the hearing is requested and shall briefly describe the basis for the request. This request should reference the Enforcement Tracking Number and Agency Interest Number, which are located in the upper right-hand corner of the first page of this document and should be directed to the following:

Department of Environmental Quality
Office of the Secretary
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302
Attn: Hearings Clerk, Legal Division
Re: Enforcement Tracking No. AE-CN-17-00332
Agency Interest No. 1250

III.

Upon the Respondent's timely filing a request for a hearing, a hearing on the disputed issue of material fact or of law regarding this **COMPLIANCE ORDER** may be scheduled by the Secretary of the Department. The hearing shall be governed by the Act, the Administrative Procedure Act (La. R.S. 49:950, et seq.), and the Division of Administrative Law (DAL) Procedural Rules. The Department may amend or supplement this **COMPLIANCE ORDER** prior to the hearing, after providing sufficient notice and an opportunity for the preparation of a defense for the hearing.

IV.

This **COMPLIANCE ORDER** shall become a final enforcement action unless the request for hearing is timely filed. Failure to timely request a hearing constitutes a waiver of the Respondent's right to a hearing on a disputed issue of material fact or of law under Section 2050.4 of the Act for the violation(s) described herein.

V.

The Respondent's failure to request a hearing or to file an appeal or the Respondent's withdrawal of a request for hearing on this **COMPLIANCE ORDER** shall not preclude the Respondent from contesting the findings of facts in any subsequent penalty action addressing the same violation(s), although

the Respondent is estopped from objecting to this **COMPLIANCE ORDER** becoming a permanent part of its compliance history.

VI.

Civil penalties of not more than twenty-seven thousand five hundred dollars (\$27,500) for each day of violation for the violation(s) described herein may be assessed. For violations which occurred on August 15, 2004, or after, civil penalties of not more than thirty-two thousand five hundred dollars (\$32,500) may be assessed for each day of violation. The Respondent's failure or refusal to comply with this **COMPLIANCE ORDER** and the provisions herein will subject the Respondent to possible enforcement procedures under La. R.S. 30:2025, which could result in the assessment of a civil penalty in an amount of not more than fifty thousand dollars (\$50,000) for each day of continued violation or noncompliance.

VII.

For each violation described herein, the Department reserves the right to seek civil penalties in any manner allowed by law, and nothing herein shall be construed to preclude the right to seek such penalties.

NOTICE OF POTENTIAL PENALTY

I.

Pursuant to La. R.S. 30:2050.3(B), you are hereby notified that the issuance of a penalty assessment is being considered for the violation(s) described herein. Written comments may be filed regarding the violation(s) and the contemplated penalty. If you elect to submit comments, it is requested that they be submitted within ten (10) days of receipt of this notice.

II.

Prior to the issuance of additional appropriate enforcement action(s), you may request a meeting with the Department to present any mitigating circumstances concerning the violation(s). If you would like to have such a meeting, please contact Antoinette Cobb at (225) 219-3072 within ten (10) days of receipt of this **NOTICE OF POTENTIAL PENALTY**.

III.

The Department is required by La. R.S. 30:2025(E)(3)(a) to consider the gross revenues of the Respondent and the monetary benefits of noncompliance to determine whether a penalty will be assessed and the amount of such penalty. Please forward the Respondent's most current annual gross revenue statement along with a statement of the monetary benefits of noncompliance for the cited violation(s) to the above named contact person within ten (10) days of receipt of this **NOTICE OF POTENTIAL**

PENALTY. Include with your statement of monetary benefits the method(s) you utilized to arrive at the sum. If you assert that no monetary benefits have been gained, you are to fully justify that statement. If the Respondent chooses not to submit the requested most current annual gross revenues statement within ten (10) days, it will be viewed by the Department as an admission that the Respondent has the ability to pay the statutory maximum penalty as outlined in La. R.S. 30:2025.

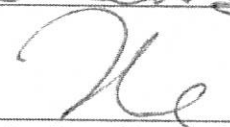
IV.

The Department assesses civil penalties based on LAC 33:I.Subpart1.Chapter7. To expedite closure of this **NOTICE OF POTENTIAL PENALTY** portion, the Respondent may offer a settlement amount to resolve any claim for civil penalties for the violation(s) described herein. The Respondent may offer a settlement amount, but the Department is under no obligation to enter into settlement negotiations. The decision to proceed with a settlement is at the discretion of the Department. The settlement offer amount may be entered on the attached "**CONSOLIDATED COMPLIANCE ORDER AND NOTICE OF POTENTIAL PENALTY REQUEST TO CLOSE**" form. The Respondent must include a justification of the offer. **DO NOT** submit payment of the offer amount with the form. The Department will review the settlement offer and notify the Respondent as to whether the offer is or is not accepted.

V.

This **CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY** is effective upon receipt.

Baton Rouge, Louisiana, this 28th day of December, 2018.



Lourdes Iturralde
Assistant Secretary
Office of Environmental Compliance

Copies of a request for a hearing and/or related correspondence should be sent to:

Louisiana Department of Environmental Quality
Office of Environmental Compliance
Enforcement Division
P.O. Box 4312
Baton Rouge, LA 70821-4312
Attention: Antoinette Cobb

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
 OFFICE OF ENVIRONMENTAL COMPLIANCE
 ENFORCEMENT DIVISION CONSOLIDATED COMPLIANCE ORDER &
 POST OFFICE BOX 4312 NOTICE OF POTENTIAL PENALTY
 BATON ROUGE, LOUISIANA 70821-4312 REQUEST TO CLOSE



Enforcement Tracking No.	AE-CN-17-00332	Contact Name	Antoinette Cobb
Agency Interest (AI) No.	1250	Contact Phone No.	(225)219-3072
Alternate ID No.	0520-00016		
Respondent:	Citgo Petroleum Corporation	Facility Name:	Lake Charles Manufacturing Complex
	c/o C T Corporation System	Physical Location:	1601 Louisiana Highway 108 East
	Agent for Service of Process		
	3867 Plaza Tower Drive	City, State, Zip:	Sulphur, LA 70665
	Baton Rouge, LA 70816	Parish:	Calcasieu

STATEMENT OF COMPLIANCE

STATEMENT OF COMPLIANCE	Date Completed	Copy Attached?
A written report was submitted in accordance with Paragraph VII of the "Order" portion of the COMPLIANCE ORDER.		
All necessary documents were submitted to the Department within 30 days of receipt of the COMPLIANCE ORDER in accordance with Paragraph(s) II-VI of the "Order" portion of the COMPLIANCE ORDER.		
All necessary documents were submitted to the Department within 45 days of receipt of the COMPLIANCE ORDER in accordance with Paragraph(s) ? of the "Order" portion of the COMPLIANCE ORDER.		
All necessary documents were submitted to the Department within 90 days of receipt of the COMPLIANCE ORDER in accordance with Paragraph(s) ? of the "Order" portion of the COMPLIANCE ORDER.		
All items in the "Findings of Fact" portion of the COMPLIANCE ORDER were addressed and the facility is being operated to meet and maintain the requirements of the "Order" portion of the COMPLIANCE ORDER. Final compliance was achieved as of:		

SETTLEMENT OFFER (OPTIONAL)

(check the applicable option)

<input type="checkbox"/>	The Respondent is not interested in entering into settlement negotiations with the Department with the understanding that the Department has the right to assess civil penalties based on LAC 33:I.Subpart1.Chapter7.
<input type="checkbox"/>	In order to resolve any claim for civil penalties for the violations in NOTICE OF POTENTIAL PENALTY (AE-CN-17-00332), the Respondent is interested in entering into settlement negotiations with the Department and would like to set up a meeting to discuss settlement procedures.
<input type="checkbox"/>	In order to resolve any claim for civil penalties for the violations in NOTICE OF POTENTIAL PENALTY (AE-CN-17-00332), the Respondent is interested in entering into settlement negotiations with the Department and offers to pay \$ _____ which shall include LDEQ enforcement costs and any monetary benefit of non-compliance. <ul style="list-style-type: none"> • Monetary component = \$ _____ • Beneficial Environmental Project (BEP) component (optional)= \$ _____ • DO NOT SUBMIT PAYMENT OF THE OFFER WITH THIS FORM- the Department will review the settlement offer and notify the Respondent as to whether the offer is or is not accepted.
<input type="checkbox"/>	The Respondent has reviewed the violations noted in NOTICE OF POTENTIAL PENALTY (AE-CN-17-00332) and has attached a justification of its offer and a description of any BEPs if included in settlement offer.

CERTIFICATION STATEMENT		
<p><i>I certify, under provisions in Louisiana and United States law that provide criminal penalties for false statements, that based on information and belief formed after reasonable inquiry, the statements and information attached and the compliance statement above, are true, accurate, and complete. I also certify that I do not owe outstanding fees or penalties to the Department for this facility or any other facility I own or operate. I further certify that I am either the Respondent or an authorized representative of the Respondent.</i></p>		
Respondent's Signature	Respondent's Printed Name	Respondent's Title
Respondent's Physical Address	Respondent's Phone #	Date
MAIL COMPLETED DOCUMENT TO THE ADDRESS BELOW:		
Louisiana Department of Environmental Quality Office of Environmental Compliance Enforcement Division P.O. Box 4312 Baton Rouge, LA 70821 Attn: Antoinette Cobb		