

**STATE OF LOUISIANA**

**DEPARTMENT OF ENVIRONMENTAL QUALITY**

**IN THE MATTER OF:**

**EQUILON ENTERPRISES LLC**

**AI # 1406**

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

\* **Settlement Tracking No.**  
\* **SA-AE-24-0068**  
\*  
\* **Enforcement Tracking No.**  
\* **AE-CN-20-00738**  
\*  
\*  
\* **Docket No. 2023-7712-DEQ**  
\*

**SETTLEMENT AGREEMENT**

The following Settlement Agreement is hereby agreed to between Equilon Enterprises LLC (“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 limited liability company that owns and/or operates a petroleum refinery located in Norco, St. Charles Parish, Louisiana (“the Facility”).

**II**

On April 27, 2022, the Department issued to Respondent a Consolidated Compliance Order & Notice of Potential Penalty, Enforcement Tracking No. AE-CN-20-00738 (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 ONE HUNDRED FIVE THOUSAND AND NO/100 DOLLARS (\$105,000.00), of which Five Thousand Four Hundred Sixteen and 78/100 Dollars (\$5,416.78) represents the Department's enforcement costs, in settlement of the claims set forth in this Settlement 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 permit record(s), the Consolidated Compliance Order & Notice of Potential Penalty and this Settlement Agreement 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 Settlement 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 Settlement Agreement in any action by the Department to enforce this Settlement Agreement.

## VIII

This Settlement Agreement 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 Agreement, 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 St. Charles Parish, Louisiana. The advertisement, in form and wording approved by the Department, announced the availability of this Settlement Agreement 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 Agreement 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 thirty (30) days from notice of the Secretary's signature. If payment is not received within that time, this Settlement Agreement is voidable at the option of the Department. The Respondent shall provide its tax identification number when submitting payment. 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 attached hereto.

## XII

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

## 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.

EQUILON ENTERPRISES LLC

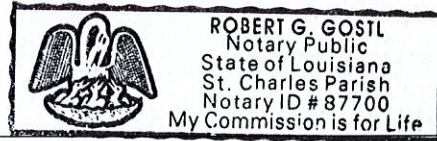
BY: Tammy Little  
(Signature)

Tammy Little  
(Printed)

TITLE: General Manager

THUS DONE AND SIGNED in duplicate original before me this 29 day of  
January, 20 25, at Norco, Louisiana.

Robert G. Gostl  
NOTARY PUBLIC (ID # 87700)



(stamped or printed)

LOUISIANA DEPARTMENT OF  
ENVIRONMENTAL QUALITY

Courtney J. Burdette, Secretary

BY: [Signature]  
Jerrie "Jerry" Lang, Assistant Secretary  
Office of Environmental Compliance

THUS DONE AND SIGNED in duplicate original before me this 25th day of  
September, 20 25, at Baton Rouge, Louisiana.

Deidra Johnson  
NOTARY PUBLIC (ID # 51205)  
A rectangular notary seal stamp. On the left is a circular emblem featuring a pelican feeding its young in a nest. To the right of the emblem, the text reads: "DEIDRA JOHNSON", "NOTARY ID # 51205", "STATE OF LOUISIANA", "PARISH OF EAST BATON ROUGE", and "My Commission is for Life".

(stamped or printed)

Approved: [Signature]  
Jerrie "Jerry" Lang, Assistant Secretary

JOHN BEL EDWARDS  
GOVERNOR

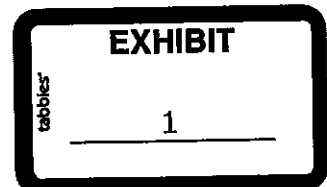


CHUCK CARR BROWN, Ph.D.  
SECRETARY

**State of Louisiana**  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
OFFICE OF ENVIRONMENTAL COMPLIANCE

APR 27 2022

CERTIFIED MAIL (7019 1120 0000 2352 1800)  
RETURN RECEIPT REQUESTED



**EQUILON ENTERPRISES LLC**  
c/o C T Corporation System  
Agent for Service of Process  
3867 Plaza Tower Drive  
Baton Rouge, Louisiana 70816

**RE: CONSOLIDATED COMPLIANCE ORDER  
& NOTICE OF POTENTIAL PENALTY  
ENFORCEMENT TRACKING NO. AE-CN-20-00738  
AGENCY INTEREST NO. 1406**

Dear Sir/Madam:

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 **EQUILON ENTERPRISES LLC (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](mailto:antoinette.cobb@la.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Angela Marse".

Angela Marse  
Administrator  
Enforcement Division

AM/AFC/afc  
Alt ID No. 2520-00002  
Attachment

c: Equilon Enterprises LLC  
c/o Ms. Tammy Little, General Manager  
15536 River Road  
Norco, LA 70079

**STATE OF LOUISIANA  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
OFFICE OF ENVIRONMENTAL COMPLIANCE**

**IN THE MATTER OF**

**EQUILON ENTERPRISES LLC  
ST. CHARLES PARISH  
ALT ID NO. 2520-00002**

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

\*  
\*  
\* **ENFORCEMENT TRACKING NO.**  
\*  
\* **AE-CN-20-00738**  
\*  
\* **AGENCY INTEREST NO.**  
\*  
\* **1406**  
\*

**CONSOLIDATED  
COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY**

The following **CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY** is issued to **EQUILON ENTERPRISES LLC (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 the Shell Oil Products US Norco Refinery (the Facility), a petroleum refinery, located at 15536 River Road in Norco, St. Charles Parish, Louisiana. The Facility operates or has operated under the authority of the following Title V Air Permits:

Coker Unit, Distillation Unit, and Kerosene	2501-V8	02/11/2022	02/11/2027
	2501-V7	01/30/2018	04/10/2022
	2501-V6	04/10/2017	04/10/2022
CR-2, NHT and DHT Units	2502-V12	02/02/2021	04/27/2025
	2502-V11	04/27/2020	04/27/2025
	2502-V10	01/30/2018	12/03/2019
Alkylation Unit	2600-V4	03/23/2018	03/23/2023
Residual Catalytic Cracking Unit	2602-V12	01/28/2022	01/28/2027

	2602-V11	10/24/2017	06/25/2019
Hydrocracking Unit	2629-V7	03/21/2016	11/11/2019
RCCU Gasoline Hydrotreater	2794-V4	08/08/2017	08/08/2022
Sulfur No. 2 & 3 Plants	2902-V5	11/02/2021	11/02/2026
	2902-V4	07/23/2018	11/17/2019
	2902-V3	11/17/2014	11/17/2019
Logistics I Unit	2913-V10	09/23/2021	06/26/2024
	2913-V9	03/04/2021	06/25/2024
	2913-V8	12/12/2019	06/26/2024
	2913-V7	06/26/2019	06/26/2024
	2913-V6	08/10/2017	05/28/2018
Logistics II Unit	2912-V9	04/09/2020	01/24/2024
	2912-V8	01/24/2019	01/24/2024
	2912-V7	12/27/2016	02/21/2018
Prevention of Significant Deterioration (PSD)	PSD-LA-671 (M-1)	08/04/2017	08/04/2027
	PSD-LA-618 (M-1)	07/08/2010	07/08/2020

The Facility also operates under Consent Decree, Civil Action Number H-01-0978 entered into the United States District Court for the Southern District of Texas on or about August 21, 2001.

On April 27, 2020, Title V Permit No. 2502-V11 was issued as a renewal permit and incorporated the following Title V Permits for the facility: 1) Title V Permit No. 2501-V7, 2) Title V Permit No. 2629-V7, and 3) Title V Permit No. 2913-V7.

## II.

On or about May 15, 2020, the Department received a Notification of Change (NOC-1) Form for the change of ownership of logistics assets. The logistics assets are permitted in Title V Permit No. 2912-V9, Logistics II Unit, and Title V Permit No. 2913-V8, Logistics I Unit. As of April 1, 2020, Triton West LLC is the new owner of the logistics refinery assets. Shell Pipeline Company, LP is the new operator. The Department effectively transferred the permits and updated records to reflect the changes on July 14, 2020.

## III.

The Department received an Unauthorized Discharge Notification Report for Department Incident No. 192586 dated August 7, 2019, and a Follow-Up Unauthorized Discharge Notification Report dated September 26, 2019. According to the reports, the DU-5 Unit experienced an upset on August 5, 2019, while performing planned maintenance on the crude furnace air preheater. Upon shutdown, the fresh air damper on the crude furnace did not open as designed which caused the furnace to trip and route excessive feed to the lower crude column. This resulted in the loss of reflux and high levels in the overhead

accumulators; a compressor tripped as designed. The material was routed to the Shell Chemical LP Utilities East Flare (FE-501). The unit personnel discovered the fresh air damper did not open. The damper was manually opened allowing sufficient air for the furnace to be restarted. The event resulted in the release of 1,016.31 lbs of sulfur dioxide. The Respondent determined the event was preventable. Failure to operate control equipment, any device or contrivance, operating procedures or abatement scheme to prevent or reduce air pollution, in the proper manner is a violation of LAC 33:III.905.A, and La. R.S. 30:2057(A)(2).

#### IV.

The Department received an Unauthorized Discharge Notification Report for Department Incident No. T194012 dated October 31, 2019, and a Follow-Up Unauthorized Discharge Notification Report dated December 4, 2019. According to the reports, the Residual Catalytic Cracking Unit (RCCU) had a relief valve (RV) leak to the atmosphere due to a failed O-ring inside of the valve on October 29, 2019. The RV was replaced during a 2019 turnaround. The RV was installed with a Viton O-ring, which failed approximately six (6) months after being put in service. The event resulted in the release of 7,975 lbs of propane and 33,501.4 lbs of propylene. The Respondent determined the event was preventable. Failure to operate control equipment, any device or contrivance, operating procedure or abatement scheme to prevent or reduce air pollution, in the proper manner is a violation of LAC 33:III.905.A, and La. R.S. 30:2057(A)(2).

#### V.

The Department received an Unauthorized Discharge Notification Report for Department Incident No. T197352 dated June 16, 2020, and a Follow-Up Unauthorized Discharge Notification Report dated July 28, 2020. According to the reports, the Coker Unit experienced an unplanned shutdown of the Wet Gas Compressor on June 13, 2020. After an investigation, it was determined the Wet Gas Compressor tripped offline due to a high liquid level in the knockout pot. An employee in the area unknowingly pressed the start/stop button on the circulating reflux pump. While Operations was attempting to restart the pump, the temperature in the process increased causing the overhead temperatures to increase to a point in which the light ends condensed into a liquid in the overhead condensers. The liquid made its way into the overhead accumulator and then into the knockout pot of the Wet Gas Compressor. The liquid rose to a maximum point in the knockout pot which trips the compressor causing the compressor to unload. Flaring occurred at the Coker Flare (EQT 0242). The Respondent determined the event was preventable. The table below lists the emission source, the pollutants, and the duration for the event.

EQT 0242 Coker Flare	CO	2	553.98	46.07	0*
	NOx	2	121.52	10.16	0*
	PM	2	13.31	1.11	0*
	SO <sub>2</sub>	2	65.49	264.64	196.66
	VOCs	2	76.83	15.7	0*
	1,3-butadiene	2	0.001	0.032	0.032

\*no exceedance occurred

- A. Failure to use and/or diligently maintain a control device in proper working order as required is a violation of Specific Requirement 610 of Title V Permit No. 2913-V8, LAC 33:III.905.A, and La. R.S. 30:2057(A)(2).
- B. Each exceedance of a permitted emission limit is a violation of Title V Permit No. 2913-V8, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(1) and 30:2057(A)(2).

## VI.

The Department received an Unauthorized Discharge Notification Report for Department Incident No. T197064 dated June 3, 2020, and a Follow-Up Unauthorized Discharge Notification Report dated July 21, 2020. According to the reports, an upset occurred on May 28, 2020, due to an undesirable feed impact to the unit from a crude storage tank, A-413. The upset at the Distillation Unit (DU-5) resulted in the relief valves lifting as well as having to route materials to the Shell Chemical LP Utilities East Flare. The shutdown of DU-5 impacted several operating units which resulted in additional shutdown and subsequent startup flaring at the West Ops Elevated Flare (EQT 0181), the West Ops Ground Flare (EQT 0180), the Coker Flare (EQT 0242), and the HCU Elevated Flare (EQT 0244). The DU-5 Unit reported water in crude. Operations reverted the crude tank line-ups and removed A-414 from crude feed. During the investigation, it was discovered that only a portion of the water in A-413 was removed due to a change in operation of the FISH system, which works to dewater the crude tanks by circulating the tank bottoms through a horizontal Liquid/Liquid separator PV-80. The Respondent determined the event was preventable. The table below lists the emission source, the pollutants, and the durations for the event.

EQT 0242 Coker Flare	2913-V8	1,3-butadiene	4	0.001	0.0026	0.0004
EQT 0244 HCU Flare	2913-V8	SO <sub>2</sub>	77	65.49	338.44	112.80

- A. Failure to use and/or diligently maintain a control device in proper working order as required is a violation of Specific Requirement 610 of Title V Permit No. 2913-V8, LAC 33:III.905.A, and La. R.S. 30:2057(A)(2).
- B. Each hour of exceeding a maximum pound per hour permitted emission limit is a violation of Title V Permit No. 2913-V8, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(1) and 30:2057(A)(2).

#### VII.

The Department received an Unauthorized Discharge Notification Report for Department Incident No. T197539 dated June 30, 2020, and a Follow-Up Unauthorized Discharge Notification Report dated August 13, 2020. According to the reports, on June 27, 2020, Residual Catalytic Cracking Unit (RCCU) personnel discovered a relief valve (RV) on the debutanizer column leaking by. Operations verified unit stability and isolated the valve to stop the leak. The valve was removed from service for inspection. After further investigation, it was discovered the RV began to leak by before the set pressure was reached. Inspection revealed process fouling was found in the RV pilot and components which did not allow the pilot valve to operate properly which can cause leak by. The event resulted in the release of 177.96 lbs of 1,3-butadiene and 183,194.71 lbs of VOC. The Respondent determined the event was preventable. Failure to operate control equipment, any device or contrivance, operating procedure or abatement scheme to prevent or reduce air pollution, in the proper manner is a violation of LAC 33:III.905.A, and La. R.S. 30:2057(A)(2).

#### VIII.

The Department received an Unauthorized Discharge Notification Report for Department Incident No. T195904 dated March 10, 2020, and a Follow-up Unauthorized Discharge Notification Report dated April 28, 2020. According to the reports, a steam vent was found open to the atmospheric steam decoke pot on March 5, 2020. The 10 inch decoke block valve was inadvertently left open, creating a release path to atmosphere through the decoke pot stack for a portion of the transfer line flow from an OL-5 furnace (F-151). The event lasted for approximately 10 minutes and resulted in the release of 146 lbs of

naphthalene. The Respondent determined the event was preventable. Failure to operate control equipment, any device or contrivance, operating procedure or abatement scheme to prevent or reduce air pollution, in the proper manner is a violation of LAC 33:III.905.A, and La. R.S. 30:2057(A)(2).

### IX.

The Department received an Unauthorized Discharge Notification Report for Department Incident No. T203202 dated June 16, 2021, and a Follow-up Unauthorized Notification Report dated July 27, 2021. According to the reports, on June 8, 2021, the Hydrocracker Unit (HCU) experienced an unplanned shutdown of the 2<sup>nd</sup> Stage System at the HCU. The shutdown was the result of the charge pump suction valve failing closed. During troubleshooting, the fuse on the Triconex card was found to be loose in the holder. This bad connection is believed to have caused the solenoid valve to chatter, resulting in the coil overheating and eventually failing which resulted in the suction valve going to its fail position (closed). As the corrective action, the Respondent reported a Q/A requirement was implemented to pull test fuses on the new and existing cards to verify the fuse is properly engaged. The tables below list the emission sources, the pollutants, and the durations for the event.

EQT 0242 Coker Flare	CO	40	553.98	10.51	0
	NO <sub>x</sub>	40	121.52	2.31	0
	PM	40	13.31	0.25	0
	SO <sub>2</sub>	40	65.49	20.79	0
	VOCs	40	76.83	3.37	0
	1,3-butadiene	40	<0.001	0.003	0.002*

EQT 0244 HCU Flare	CO	3	553.98	1,603.24	0
	NO <sub>x</sub>	3	121.52	377.93	0
	PM	3	13.31	41.31	0
	SO <sub>2</sub>	3	65.49	891.24	40.73*
	VOCs	3	76.83	907.58	115.44*
	Hexane	3	5.74	40.80	2.96*
	Benzene	3	0.45	0.29	0
	Toluene	3	0.003	0.050	0.012*

\*no exceedance occurred

- A. Failure to use and/or diligently maintain a control device in proper working order as required is a violation of Specific Requirement 614 of Title V Permit No. 2913-V9, LAC 33:III.905.A, and La. R.S. 30:2057(A)(2).
- B. Each exceedance of a permitted emission limit is a violation of Title V Permit No. 2913-V9, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(1) and 30:2057(A)(2).
- C. In Unauthorized Discharge Notification Report for Department Incident No. T203202 dated June 16, 2021, and a Follow-up Unauthorized Notification Report dated July 27, 2021, the Respondent reported the release began on June 9, 2021. The Respondent notified the Department of the release on June 14, 2021. In the July 27, 2021 report, the Respondent reported final calculations confirmed the sulfur dioxide (SO<sub>2</sub>) 500 lbs reportable quantity was exceeded. The Respondent's failure to make the required notification within 24 hours after learning of a discharge that exceeded a reportable quantity is a violation of Specific Requirement No. 617 of Title V Permit No. 2913-V9, LAC 33:I.3917.A, LAC 33:III.927.A, and La. R.S. 30:2057(A)(2).

#### X.

On or about March 9, 2022, the Department conducted a file review to determine the Respondent's degree of compliance with the Act, the Air Quality Regulations, and all applicable permits. While the review is not complete, the Department noted the violations found in Paragraphs XI-XV of the Findings of Fact portion of this enforcement action.

## XI.

The Respondent reported the following violations of permitted operating parameters:

A.	Semiannual Report NSPS Subpart Ja (07/25/2019)	2913-V6	EQT 0244 HCU Flare	01/12/2019 (4 hours)	Hydrogen sulfide $\leq 162$ ppmv or 0.1 gr/dscf (230 mg/dscm)	<p>The relief valve (RV) on the downstream side of the 1<sup>st</sup> stage High Pressure separator vent controller opened due to a blocked outlet on the High Pressure Separator resulting in flaring.</p> <p>H<sub>2</sub>S average concentration= 1,714.2 ppmv</p>	40 CFR 60.103a(h), Specific Requirement 226
	Part 70 Permit Semiannual Compliance Certification (09/26/2019)						
B.	Semiannual Report NSPS Subpart Ja (07/25/2019)	2913-V6	EQT 0244 HCU Flare	02/12/2019 (3 hours)	Hydrogen sulfide $\leq 162$ ppmv or 0.1 gr/dscf (230 mg/dscm)	<p>The Hydrocracker Unit makeup compressor K-2179 was unloaded inadvertently. This caused elevated pressure on the makeup hydrogen system and relieved an RV to the flare. The Flare Vapor Recovery (FVR) valve closed the routing of process gas to the HCU flare. In addition, the RV did not reset properly.</p> <p>H<sub>2</sub>S average concentration= 299.7 ppmv</p>	40 CFR 60.103a(h), Specific Requirement 226
	Part 70 Permit Semiannual Compliance Certification (09/26/2019)						
C.	Semiannual Report NSPS Subpart Ja (07/25/2019)	2913-V6	EQT 0244 HCU Flare	05/01/2019 (3 hours)	Hydrogen sulfide $\leq 162$ ppmv or 0.1 gr/dscf (230 mg/dscm)	<p>While starting K-1999 compressor, a valve was mistakenly left open and caused a sudden loss in discharge pressure. To counter the drop, hydrogen was added which swung the discharge pressure above the trip point. The unit was uncoupled from FVR as the compressor depressured.</p> <p>H<sub>2</sub>S average concentration= 501.3 ppmv</p>	40 CFR 60.103a(h), Specific Requirement 226
	Part 70 Permit Semiannual Compliance Certification (09/26/2019)						
D.	Semiannual Report NSPS Subpart Ja (07/25/2019)	2602-V11	EQT 0051 RCCU Flare	01/12/2019 (1 hour)	Hydrogen sulfide $\leq 162$ ppmv or 0.1 gr/dscf (230 mg/dscm)	<p>The Residual Catalytic Cracking Unit (RCCU) experienced a salting event where salt accumulated on the walls of the column in the main fractionator.</p> <p>H<sub>2</sub>S average concentration= 162.59 ppmv</p>	40 CFR 60.103a(h), Specific Requirement 125
	Part 70 Permit Semiannual Compliance Certification (09/26/2019)						

E.	Semiannual Report NSPS Subpart Ja (07/25/2019)	2602-V11	EQT 0051 RCCU Flare	06/29/2019 (6 hours)	Hydrogen sulfide <= 162 ppmv or 0.1 gr/dscf (230 mg/dscm)	A block valve was opened to drain level to flare drum. The level decreased very fast and drained the level too low which caused high H <sub>2</sub> S in RCCU Flare.  H <sub>2</sub> S average concentration= 229.31 ppmv	40 CFR 60.103a(h), Specific Requirement 125
	Part 70 Permit Semiannual Compliance Certification (09/26/2019)						
F.	Semiannual Report NSPS Subpart Ja (07/25/2019)	2912-V8	EQT 0180 West Ops Ground Flare	06/20/2019 (1 hour)	Hydrogen sulfide <= 162 ppmv or 0.1 gr/dscf (230 mg/dscm)	The source of the high H <sub>2</sub> S during this period was unknown.  H <sub>2</sub> S average concentration= 363.52 ppmv	40 CFR 60.103a(h), Specific Requirement 307
	Part 70 Permit Semiannual Compliance Certification (09/26/2019)						
G.	Semiannual Report NSPS Subpart Ja (07/25/2019)	2913-V6	EQT 0242 Coker Flare	02/19/2019-02/20/2019 (3 hours)	Hydrogen sulfide <= 162 ppmv or 0.1 gr/dscf (230 mg/dscm)	The Diesel Hydrotreater (DHT) tripped due to an undervoltage event. The undervoltage was triggered by pieces of rust that fell from the ceiling of an electrical cabinet building between the phase terminations of a switch.  H <sub>2</sub> S average concentration= 1205.0 ppmv	40 CFR 60.103a(h), Specific Requirement 193
	Part 70 Permit Semiannual Compliance Certification (09/26/2019)						
H.	Semiannual Compliance Report 40 CFR Part 63, Subpart CC-RMACT (08/27/2019)	2602-V11	EQT 0051 RCCU Flare	02/06/2019 (6 hours)	Operate flare to maintain the net heating value of flare combustion zone gas (NHVcz) at or about 270 (Btu/scf) determined on a 15-minute block period basis when regulated materials is routed to the flare for at least 15-minutes.	The RCCU flare had several 15-minute blocks where the NHVcz was below the limit of 270 BTU/scf.  Combustion zone range= 82.6-266.6 BTU/scf	40 CFR 63.670(e), Specific Requirement 151
	Part 70 Permit Semiannual Compliance Certification (09/26/2019)						
I.	Part 70 Permit Semiannual Compliance Certification (09/26/2019)	2913-V6	EQT 0235 EFR Tank F-466	01/10/2019	Ensure that each automatic bleeder vent (vacuum breaker vent) and rimspace vent is closed at all times, except when required to be open to relieve excess pressure or vacuum.	Vacuum breaker vent opened on Tank F-466. The spacing of the p nging holes on the roof vent legs were fabricated with 4 ft. 6 inch spacing as opposed to the 6 ft. spacing on the roof legs. This caused a disparity on the setting between the roof vent legs and the legs for the roof, causing the vents to oper at the incorrect height.	40 CFR 63.1063(b)(4), Specific Requirement 17

J.	Part 70 Permit Semiannual Compliance Certification (09/26/2019)	2913-V6	EQT 0221 EFR Tank F-440	05/14/2019	Operate and maintain an external floating roof.	Two leg vents were found to be inadvertently opened.	40 CFR 63.1062(a)(2), Specific Requirement 5
K.	Part 70 Permit Semiannual Compliance Certification (09/26/2019)	2913-V6	EQT 0211 EFR Tank A-412	06/01/2019	Tank roof and seals monitored by visual inspection determination at the regulation's specified frequency.	A mandatory scheduled tank seal inspection was not completed in the month scheduled. The database was inadvertently modified and an existing tank ID was changed leading to the missed inspection.	40 CFR 63.1063(c)(2)(III), Specific Requirement 20
L.	Part 70 Permit Semiannual Compliance Certification (09/26/2019)	2902-V4	EQT 0078 S-3 Plant Tail Gas Incinerator	04/27/2019 (12 hours)	Sulfur dioxide ≤ 250 ppmv	While inventorying S3's DEA section, acid gas backed into the SCOT Stripper. The SCOT Stripper Pressure controller as well as the control valve to sour water on the SCOT Stripper was found to be open to the Sour Water sump that normally vents to the Incinerator.	40 CFR 60.104(a)(2)(I), Specific Requirement 58
M.	Semiannual Report NSPS Subpart Ja (01/28/2020)	2602-V11	EQT 0051 RCCU Flare	08/06/2019 (2 hours)	Hydrogen sulfide ≤ 162 ppmv or 0.1 gr/dscf (230 mg/dscm)	The Cold Separator was pressuring up per procedure with H <sub>2</sub> when the sour water boot spring actuated valve leaked by flowing hydrogen in to the sour water degasser. This over pressured the sour water degasser which caused RV 7112 to open to flare.  H <sub>2</sub> S average concentration = 494.97 ppmv  <i>Corrective action:</i> <i>Maintenance work was performed to repair the inadequately installed valve</i>	40 CFR 60.103a(h), Specific Requirement 125
	Part 70 Permit Semiannual Compliance Certification (04/28/2020)						
N.	Semiannual Report NSPS Subpart Ja (01/28/2020)	2913-V7	EQT 0244 HCU Flare	11/07/2019 (1 hour)	Hydrogen sulfide ≤ 162 ppmv or 0.1 gr/dscf (230 mg/dscm)	A compressor tripped and sent flow to flare.  H <sub>2</sub> S average concentration = 1,714.2 ppmv	40 CFR 60.103a(h), Specific Requirement 57
	Part 70 Permit Semiannual Compliance Certification (04/28/2020)						

O.	Semiannual Compliance Report 40 CFR Part 63, Subpart CC-RMACT (01/28/2020)	2913-V7	EQT 0244 HCU Flare	09/10/2019 (35 minutes)	Operate flare to maintain the net heating value of flare combustion zone gas (NHVcz) at or about 270 (Btu/scf) determined on a 15-minute block period basis when regulated materials is routed to the flare for at least 15-minutes.	<p>The heating value of the flare gas dropped below the permit limit of 270 Btu. HCU was in the process of shutting down when the low BTU alarm came in. During this time the 350# hydrogen valve (PC2028A, HP) was being operated in automatic pressure control. OL-5 began flaring more hydrogen. This allowed the pressure on the header to reduce and caused the valve to close removing all of the hydrogen that was being sent to HCU elevated flare reducing the BTU.</p> <p>Combustion zone range= 77.88-198.82 BTU/scf</p>	40 CFR 63.670(e), Specific Requirement 78
	Part 70 Permit Semiannual Compliance Certification (04/28/2020)						
P.	Semiannual Compliance Report 40 CFR Part 63, Subpart CC-RMACT (01/28/2020)	2602-V11	EQT 0051 RCCU Flare	09/12/2019- 09/13/2019 (5 hours)	Operate flare to maintain the net heating value of flare combustion zone gas (NHVcz) at or about 270 (Btu/scf) determined on a 15-minute block period basis when regulated materials is routed to the flare for at least 15-minutes.	<p>Utilities Boiler 7 tripped offline unexpectedly due to a tube failure. With Boiler 8 already down for planned maintenance, this impacted the steam supply with the facility steam header beginning to lose pressure. Boiler 9 also came offline as a result of a fuel gas valve inadvertently being closed. The loss of this additional boiler resulted in the 1300 lb steam header dropping in pressure causing a feed diversion and systems shutdown and additional steam load shedding activities until the fuel gas and steam systems were stabilized.</p> <p>Combustion zone range= 93.6-250.4 BTU/scf</p>	40 CFR 63.670(e) Specific Requirement 151
	Part 70 Permit Semiannual Compliance Certification (04/28/2020)						

Q.	Part 70 Permit Semiannual Compliance Certification (04/28/2020)	2501-V7	EQT 0151 Coker Feed Heater (F-51)	09/12/2019- 09/13/2019 (5 hours)	Hydrogen sulfide ≤ 162 ppmv or 0.1 gr/dscf (230 mg/dscm)	Utilities Boiler 7 tripped offline unexpectedly due to a tube failure. With Boiler 8 already down for planned maintenance, this impacted the steam supply with the facility steam header beginning to lose pressure. Boiler 9 also came offline as a result of a fuel gas valve inadvertently being closed. The loss of this additional boiler resulted in the 1300 lb steam header dropping in pressure causing a feed diversion and systems shutdown and additional steam load shedding activities until the fuel gas and steam systems were stabilized.	40 CFR 60.104(a)(1), Specific Requirement 220
		2501-V7	EQT 0107 Coker Charge Heater (F-125)				40 CFR 60.104(a)(1), Specific Requirement 11
		2502-V10	EQT 0058 Desulfurization Heater F-21				40 CFR 60.104(a)(1), Specific Requirement 110
		2501-V7	EQT 0110 Crude Charge Heater (F-35)				40 CFR 60.104(a)(1), Specific Requirement 69
		2501-V7	EQT 0111 Crude Charge Heater (F-36)				40 CFR 60.104(a)(1), Specific Requirement 93
		2501-V7	EQT 0108 19-71 Vacuum Flasher Charge Heaters (F-37 & 38)				40 CFR 60.104(a)(1), Specific Requirement 36
		2794-V4	EQT 0084 CDHDS Reboiler Furnace (F-8101)				40 CFR 60.104(a)(1), Specific Requirement 3
		2602-V11	EQT 0030 F-7000 Feed Preheater				40 CFR 60.104(a)(1), Specific Requirement 1
		2602-V11	EQT 0047 Steam Superheater F-164				40 CFR 60.104(a)(1), Specific Requirement 69
R.	Semiannual Compliance Report 40 CFR Part 63, Subpart CC- RMACT (01/28/2020)	2602-V11	EQT 0051 RCCU Flare	10/15/2019 (15 minutes)	Operate flare to maintain the net heating value of flare combustion zone gas (NHVcz) at or about 270 (Btu/scf) determined on a 15-minute block period basis when regulated materials is routed to the flare for at least 15-minutes.	The RCCU Elevated Flare Net Heating Value combustion zone (NHVcz) fell below the 270 btu/scf limit during several 15 minute periods.  Alarms were not received on console to alert operations to make an adjustment to increase hydrogen.  Combustion zone range= 159.8-256.2 BTU/scf	40 CFR 63.670(e), Specific Requirement 151
				10/15/2019 (15 minutes)			
				10/15/2019 (15 minutes)			
				10/15/2019 (15 minutes)			
				10/15/2019 (15 minutes)			
				10/16/2019 (15 minutes)			
				10/17/2019 (15 minutes)			
				10/17/2019 (15 minutes)			
R.	Part 70 Permit Semiannual Compliance Certification (04/28/2020)	2602-V11	EQT 0051 RCCU Flare	10/15/2019 (15 minutes)	Operate flare to maintain the net heating value of flare combustion zone gas (NHVcz) at or about 270 (Btu/scf) determined on a 15-minute block period basis when regulated materials is routed to the flare for at least 15-minutes.	The RCCU Elevated Flare Net Heating Value combustion zone (NHVcz) fell below the 270 btu/scf limit during several 15 minute periods.  Alarms were not received on console to alert operations to make an adjustment to increase hydrogen.  Combustion zone range= 159.8-256.2 BTU/scf	40 CFR 63.670(e), Specific Requirement 151
				10/15/2019 (15 minutes)			

S.	Part 70 Permit Semiannual Compliance Certification (04/28/2020)	2602-V11	EQT 0051 RCCU Flare	11/06/2019- 11/16/2019	Flow monitoring for flares: Locate the monitor in a position that provides a representative measurement of the total gas flow rate.	The West Ops Elevated Flare (WOEF) was removed from service to enable the installation of required instrumentation and monitoring systems to comply with the Shell Chemical LP Consent Decree. Vent streams from the West Ops system were routed to the RCCU Flare during this WOEf outage. After the line-ups were made on 11/06/2019, it was determined the tie-in of the West Ops vents to the RCCU Elevated Flare were made at a point downstream of the RCCU Flare flow meter, which was commissioned for NSPS Subpart J requirements end of 2015, and upstream of the other environmental analyzers. It was determined the tie-in downstream of the flow meter is a deviation from RMACT and NSPS J monitoring requirements.	40 CFR 60.107a(f)(1)(i)
					Flare vent gas, steam assist and air assist flow rate monitoring: The owner or operator shall install, operate, calibrate, and maintain a monitoring system capable of continuously measuring, calculating, and recording the volumetric flow rate in the flare header or headers that feed the flare as well as any flare supplemental gas used.		40 CFR 63.670(i)
T.	Part 70 Permit Semiannual Compliance Certification (04/28/2020)	2902-V4	EQT 0078 S-3 Plant Tail Gas Incinerator	10/25/2019 (not reported)	Sulfur dioxide ≤ 250 ppmv	During severe weather, the steam header pressure system at S3 fell rapidly. With the loss of steam (pressure and flow) to the SCOT stripper, the SCOT Amine Circulation became extremely rich in H <sub>2</sub> S and began sending higher H <sub>2</sub> S concentration gases to S3's Incinerator prior to being treated. This led to elevated H <sub>2</sub> S in the SCOT system that was treated and in turn increased SO <sub>2</sub> at the Incinerator.	40 CFR 60.104(a)(2)(i), Specific Requirement 58
U.	Part 70 Permit Semiannual Compliance Certification (04/28/2020)	2902-V4	EQT 0078 S-3 Plant Tail Gas Incinerator	12/21/2019 (12 hours)	Sulfur dioxide ≤ 250 ppmv	With the loss of steam (pressure and flow) to the SCOT stripper, the SCOT Amine Circulation became extremely rich in H <sub>2</sub> S and began sending higher H <sub>2</sub> S concentration gases to S3's Incinerator prior to being treated. This led to elevated H <sub>2</sub> S in the SCOT system that was treated and in turn increased SO <sub>2</sub> at the Incinerator.	40 CFR 60.104(a)(2)(i), Specific Requirement 58

V.	Part 70 Permit Semiannual Compliance Certification (04/28/2020)	2629-V7	EQT 0080 1 <sup>st</sup> Stage Reaction Heater (F-41)	2019	Conduct an annual performance tune-up in accordance with 563.7540(a)(10), respectively, if required to meet an applicable tune-up work practice standard. Ensure that each annual tune-up must be no more than 13 months after the previous tune-up.	The deadline for the annual work practice tune-up was missed. The tune-up was conducted on January 6, 2020.	40 CFR 63.7515(d), Specific Requirement 22
			EQT 0081 1 <sup>st</sup> Stage Fractionation Reboiler (F-42)				40 CFR 63.7515(d), Specific Requirement 44
			EQT 0082 2 <sup>nd</sup> Stage Reaction Heater (F-43)				40 CFR 63.7515(d), Specific Requirement 67
			EQT 0083 Main Fractionation Reboiler (F-44)				40 CFR 63.7515(d), Specific Requirement 89
			EQT 0058 Desulfurization Heater F-21				40 CFR 63.7515(d), Specific Requirement 127
			EQT 0062 CR-2 Heater F-53				40 CFR 63.7515(d), Specific Requirement 173
			EQT 0063 CR-2 Heater F-54				40 CFR 63.7515(d), Specific Requirement 198
			EQT 0064 CR-2 Heater F-55				40 CFR 63.7515(d), Specific Requirement 223
			EQT 0065 CR-2 Heater F-57				40 CFR 63.7515(d), Specific Requirement 248
			EQT 0069 CR-2 Heater F-56				40 CFR 63.7515(d), Specific Requirement 273
			EQT 0057 Catalytic Reformer #2 (CR-2) Heater Stack A/B (F-58)				40 CFR 63.7515(d), Specific Requirement 103
			EQT 0061 DHT Heater (F-156)				40 CFR 63.7515(d), Specific Requirement 148
W.	Part 70 Permit Semiannual Compliance Certification (04/28/2020)	2912-V8	EQT 0180 West Ops Ground Flare	03/07/2019 (15 minutes)	Flare tip velocity < 400 ft/s	The velocity at the tip of the West Ops Ground Flare (WOGF) exceeded the max velocity of 400 ft/s. The regulation is not consistent with the operation of ground flare. Ground flare burners are designed to operate at high pressure and high velocity unlike elevated flares. <i>Corrective action: Develop and submit an alternative means of emission limitations (AMEL) request to EPA.</i>	40 CFR 63.670(d)(2)
				05/03/2019 (7:30 hours)			
				05/06/2019- 05/07/2019 (22:15 hours)			
				07/26/2019 (7:45 hours)			
				08/21/2019 (1:45 hours)			
				08/26/2019 (4:15 hours)			

X.	Semiannual Report NSPS Subpart Ja (07/28/2020)	2913-V8	EQT 0242 Coker Flare	03/02/2020 (1 hour)	Hydrogen sulfide ≤ 162 ppmv or 0.1 gr/dscf (230 mg/dscm)	The source of the high H <sub>2</sub> S during this period was from high flow from the S2 unit. There were no known reasons for the upset.  Average H <sub>2</sub> S concentration= 262.47 ppm	40 CFR 60.103a(h), Specific Requirement 474
	Part 70 Permit Semiannual Compliance Certification (09/29/2020)						
Y.	Semiannual Report NSPS Subpart Ja (07/28/2020)	2913-V8	EQT 0242 Coker Flare	03/02/2020- 03/03/2020 (2 hours)	Hydrogen sulfide ≤ 162 ppmv or 0.1 gr/dscf (230 mg/dscm)	The source of the high H <sub>2</sub> S during this period was from high flow from the S2 unit. There were no known reasons for the upset.  Average H <sub>2</sub> S concentration= 268.57 ppm	40 CFR 60.103a(h), Specific Requirement 474
	Part 70 Permit Semiannual Compliance Certification (09/29/2020)						
Z.	Semiannual Compliance Report-40 CFR Part 63, Subpart CC-RMACT (08/25/2020)	NA	Relief valves relieved to the atmosphere  RV-1102 RV-1103 RV-1104 RV-1119	05/28/2020 (2 minutes)	The owner or operator shall comply with the requirements specified in paragraphs (j)(3)(i) through (v) of this section for all pressure relief devices in organic HAP service	The Distillation Unit (DU-5) experienced an upset due to an undesirable feed impact to the unit from crude storage tank, A-413. The upset at DU-5 resulted in four (4) relief valves lifting on top of the Upper Crude Column. It was found that only a portion of the water in A-413 was removed due to a change in operation of the FISH system which works to dewater the crude tanks by circulating the tank bottoms through a horizontal Liquid/Liquid separator.  <i>Pollutants released</i> H <sub>2</sub> S=0.43 lbs Ethylbenzene=4.63 lbs 1,3-butadiene 0.23 lbs Toluene=47.37 lbs Benzene=85.47 lbs Xylene=22.37 lbs n-hexane=382.73 lbs	40 CFR 63.648(j)(3)(v)
	Part 70 Permit Semiannual Compliance Certification (09/29/2020)						

A2.	Semiannual Compliance Report-40 CFR Part 63, Subpart CC-RMACT (08/25/2020)	NA	Relief Valve RV-4297	05/13/2020 (2 minutes)	The owner or operator shall comply with the requirements specified in paragraphs (j)(3)(i) through (v) of this section for all pressure relief devices in organic HAP service.	<p>The Shell Norco Manufacturing Complex experienced an unplanned shutdown of the Hydrocracking Unit (HCU) due to an unexpected shutdown of the charge pump. It was determined that one of the heat exchanger fans on the VFD failed due to excess amounts of dust entrained in the mechanical section of the fan. When this fan failed, a fuse which was connected to a control board of the VFD blew. The control board, now without power, sent signal to the VFD to shutdown.</p> <p><i>Pollutants released- 12.75 lbs of H<sub>2</sub>S</i></p>	40 CFR 63.648(j)(3)(v)
	Part 70 Permit Semiannual Compliance Certification (09/29/2020)						
B2.	Semiannual Compliance Report-40 CFR Part 63, Subpart CC-RMACT (08/25/2020)	2502-V11	EQT 0244 HCU Flare	05/19/2020 (6 minutes)	Operate with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours when regulated material is routed to the flare and the flare vent gas rate is less than the smokeless design capacity of the flare.	The facility experienced an unplanned shutdown of the Hydrocracking Unit (HCU) due to an unexpected shutdown of the charge pump.	40 CFR 63.670(c), Specific Requirement 366
	Part 70 Permit Semiannual Compliance Certification (09/29/2020)						
C2.	Semiannual Compliance Report-40 CFR Part 63, Subpart CC-RMACT (08/25/2020)	2912-V8	EQT 0180 West Ops Ground Flare	04/02/2020 (15 minutes)	Flare tip velocity < 400 ft/s	<p>The velocity at the tip of the WOGF exceeded the max velocity of 400 ft/s. The regulation is not consistent with the operation of ground flare. Ground flare burners are designed to operate at high pressure and high velocity unlike elevated flares.</p> <p><i>Corrective action: A submission to request an alternative means of emission limitations (AMEL) was submitted to EPA on September 29, 2020. The AMEL will address tip velocity exceedances under upset conditions.</i></p>	40 CFR 63.670(d)(2)
	Part 70 Permit Semiannual Compliance Certification (09/29/2020)						

D2.	Part 70 Permit Semiannual Compliance Certification (09/29/2020)	2902-V4	EQT 078 F-169 Tail Gas Incinerator (F-169)	01/06/2020 (12 hours)	Sulfur dioxide ≤ 250 ppmv	The exceedance occurred after the Tail Gas Analyzer failed. As a result, the unit was extremely air deficient which caused H <sub>2</sub> S to not be completely converted to sulfur. The SCOT unit began to slip higher H <sub>2</sub> S concentration gases to S3's Incinerator due to the SCOT unit becoming overwhelmed with H <sub>2</sub> S gas. This lead to elevated SO <sub>2</sub> at the Incinerator.	40 CFR 60.104(a)(2)(i), Specific Requirement 58
E2.	Part 70 Permit Semiannual Compliance Certification (09/29/2020)	2913-V8	EQT 0242 Coker Flare	02/06/2020 (12:00 hours)	Hydrogen sulfide ≤ 162 ppmv or 0.1 gr/dscf (230 mg/dscm)	During a restart for GHT Train 1, the GHT recycle compressor tripped on high level in its knockout drum causing GHT Train 1 and Train 2 to depressurize to the Coker Flare.	40 CFR 60.103a(h), Specific Requirement 474
F2.	Semiannual Report NSPS Subpart Ja (01/28/2021)	2602-V11	EQT 0051 RCCU Flare	10/04/2020 (5 hours)	Hydrogen sulfide ≤ 162 ppmv or 0.1 gr/dscf (230 mg/dscm)	While operations was performing the yearly stroke test on a hand valve for the RA column, the upstream block valve leaked by allowing the RA column to vent to the RCCU Flare.	40 CFR 60.103a(h), Specific Requirement 125
	Part 70 Permit Semiannual Compliance Certification (03/24/2021)					H <sub>2</sub> S average concentration= 242.01 ppmv	
G2.	Semiannual Compliance Report-40 CFR Part 63, Subpart CC-RMACT (02/25/2021)	2912-V9	EQT 0180 West Ops Ground Flare	07/19/2020 (45 minutes)	Flare tip velocity < 400 ft/s	The velocity at the tip of the WOGF exceeded the max velocity of 400 ft/s.  The regulation is not consistent with the operation of ground flare. Ground flare burners are designed to operate at high pressure and high velocity unlike elevated flares.  <i>Corrective action: An applicability Determination will be submitted to EPA to determine if the WOGF is regulated under Ethylene MACT</i>	40 CFR 63.670(d)(2), Specific Requirement 306
				07/30/2020 (15 minutes)			
				09/14/2020 (15 minutes)			
				09/21/2020 (15 minutes)			
				09/30/2020 (5:45 hours)			
				10/19/2020 (45 minutes)			
				10/30/2020 (15 minutes)			
				12/15/2020 (15 minutes)			
				12/22/2020 (15 minutes)			
	Part 70 Permit Semiannual Compliance Certification (03/24/2021)			12/31/2020 (5:45 hours)			

H2.	Part 70 Permit Semiannual Compliance Certification (03/24/2021)	2501-V7	EQT 0108 19-71 Vacuum Flasher Charge Heaters (F-37 & 38)	11/03/2020	Hydrogen sulfide ≤ 162 ppmv or 0.1 gr/dscf (230 mg/dscm)	The three-hour rolling average for hydrogen sulfide was exceeded in the fuel gas stream to the heaters/furnaces.	40 CFR 60.104(a)(1), Specific Requirement 36
			EQT 0110 Crude Charge Heater F-35			The RCCU Gasoline Hydrotreater (RGHT) experienced a unit shutdown when the soft goods failed in a remote shutoff switch for the reflux pumps. While the unit was down, Operations added DMDS to protect the catalyst from deactivation, however too much DMDS was added. RGHT was being routed to the Fuel Gas Blend Drum (FGBD) rather than the FVR Unit.	40 CFR 60.104(a)(1), Specific Requirement 69
			EQT 0111 Crude Charge Heater F-36				40 CFR 60.104(a)(1), Specific Requirement 93
I2.	Part 70 Permit Semiannual Compliance Certification (03/24/2021)	2629-V7	EQT 0080 1 <sup>st</sup> Stage Reaction Heater (F-41)	11/03/2020 (2 hours)	Hydrogen sulfide ≤ 162 ppmv or 0.1 gr/dscf (230 mg/dscm)	The three-hour rolling average for hydrogen sulfide was exceeded in the fuel gas stream to the heaters/furnaces.	40 CFR 60.104(a)(1), Specific Requirement 5
			EQT 0081 1 <sup>st</sup> Stage Fractionation Reboiler (F-42)			The RCCU Gasoline Hydrotreater (RGHT) experienced a unit shutdown when the soft goods failed in a remote shutoff switch for the reflux pumps. While the unit was down, Operations added DMDS to protect the catalyst from deactivation, however too much DMDS was added. RGHT was being routed to the FGBD rather than the FVR Unit.	40 CFR 60.104(a)(1), Specific Requirement 27
			EQT 0082 2 <sup>nd</sup> Stage Reaction Heater (F-43)				40 CFR 60.104(a)(1), Specific Requirement 50
			EQT 0083 Main Fractionation Reboiler (F-44)				40 CFR 60.104(a)(1), Specific Requirement 36
J2.	Part 70 Permit Semiannual Compliance Certification (03/24/2021)	2502-V11	EQT 0058 Desulfurization Heater F-21	11/03/2020 (2 hours)	Hydrogen sulfide ≤ 162 ppmv or 0.1 gr/dscf (230 mg/dscm)	The three-hour rolling average for hydrogen sulfide was exceeded in the fuel gas stream to the heaters/furnaces.	40 CFR 60.104(a)(1), Specific Requirement 4
			EQT 0061 DHT Heater (F-156)			The RCCU Gasoline Hydrotreater (RGHT) experienced a unit shutdown when the soft goods failed in a remote shutoff switch for the reflux pumps. While the unit was down, Operations added DMDS to protect the catalyst from deactivation, however too much DMDS was added. RGHT was being routed to the FGBD rather than the FVR Unit.	
			EQT 0107 Coker Charge Heater F-125				
			EQT 0151 Coker Charge Heater F-51				

K2.	Part 70 Permit Semiannual Compliance Certification (03/24/2021)	2602-V11	EQT 0030 F-7000 Feed Preheater	11/03/2020 (2 hours)	Hydrogen sulfide ≤ 162 ppmv or 0.1 gr/dscf (230 mg/dscm)	The three-hour rolling average for hydrogen sulfide was exceeded in the fuel gas stream to the heaters/furnaces.	40 CFR 60.104(a)(1), Specific Requirement 1
			EQT 00047 Steam Superheater F- 164			The RCCU Gasoline Hydrotreater (RGHT) experienced a unit shutdown when the soft goods failed in a remote shutoff switch for the reflux pumps. While the unit was down, Operations added DMDS to protect the catalyst from deactivation, however too much DMDS was added. RGHT was being routed to the FGBD rather than the FVR Unit.	40 CFR 60.104(a)(1), Specific Requirement 69
L2.	Part 70 Permit Semiannual Compliance Certification (03/24/2021)	2794-V4	EQT 0084 CDHDS Reboiler Furnace (F-8101)	11/03/2020 (2 hours)	Hydrogen sulfide ≤ 162 ppmv or 0.1 gr/dscf (230 mg/dscm)	The three hour rolling average for hydrogen sulfide was exceeded in the fuel gas stream to the heaters/furnaces.  The RCCU Gasoline Hydrotreater (RGHT) experienced a unit shutdown when the soft goods failed in a remote shutoff switch for the reflux pumps. While the unit was down, Operations added DMDS to protect the catalyst from deactivation, however too much DMDS was added. RGHT was being routed to the FGBD rather than the FVR Unit.	40 CFR 60.104(a)(1), Specific Requirement 3
M2.	Part 70 Permit Semiannual Compliance Certification (03/24/2021)	2629-V7, 2501-V7, 2502-V11, 2602-V11, 2794-V4,	UNF 0001 Facility	Not reported	If an on-site meteorological station is used, the owner or operator shall follow the calibration and standardization procedures for meteorological measurements in EPA-454/B-08- 002.	An on-site meteorological station was used for the Fenceline Monitoring System; however, the calibration and standardization procedures were not properly adhered to per the requirements. Specifically, the semi-annual calibration and annual accuracy check for ambient temperature were not completed.	40 CFR 63.658

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

## XII.

The Respondent reported the following violations of monitoring requirements:

A.	Semiannual Report Marine Vessel Loading MACT-40 CFR 63 Subpart Y (07/28/2020)	2912-V9	EQT 0179 MVR Stacks	1H2020 (5 hours)	Temperature monitored by temperature monitoring device continuously.	Flame scanner issue	40 CFR 63.654(e)(4), Specific Requirement 285
	Part 7D Permit Semiannual Compliance Certification (09/29/2020)						
B.	2020 First Semiannual Report; Consent Decree Civil Action No. H-01-0978 (08/25/2020)	2629-V7	FUG 0012 HCU Fugitives	10/14/2019	Demonstrate compliance with each piece of equipment in a process unit to which this subpart applies shall be identified such that it can distinguished readily from equipment that is not subject to this subpart.	A total of 12 valves in Gas/Vapor and/or Light Liquid Service, and 1 Light Liquid Pump was found to be missing from the LDAR program.	40 CFR 63.162(c). Specific Requirement 156
C.	2020 First Semiannual Report; Consent Decree Civil Action No. H-01-0978 (08/25/2020)	2602-V11	FUG 0004 RCCU Fugitives Emissions	10/14/2019	In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in appendix A of this part or other methods and procedures as specified in this section, except as provided in §60.8(b).	LDAR technicians missed one of the leak interfaces on a pump.	40 CFR 60.485a
D.	2020 First Semiannual Report; Consent Decree Civil Action No. H-01-0978 (08/25/2020)	2502-V11	FUG 0009 NHT Fugitive Emissions	10/14/2019	Shall conduct calibration drift assessments of the LDAR monitoring equipment at a minimum, at the end of each monitoring shift.	Failed to perform the required End of Day Drift check for several instruments on several different occasions which were used for Method 21 monitoring in February 2018.	Paragraphs M.129 and 130 of Consent Decree, Civil Action No. H-01- 0978
		2602-V11	FUG 0004 RCCU Fugitive Emission		The calibration drift assessment shall be conducted, at a minimum, using a 500 ppm calibration gas and a calibration gas representing the highest regulatory leak definition at the refinery.		
		2794-V4	FUG 0013 RGHT Fugitive Emissions				

E.	2020 First Semiannual Report; Consent Decree Civil Action No. H-01-0978 (08/25/2020)	2502-V11	FUG 0002 RCCU Fugitive Emission	10/14/2019	If any calibration drift assessment after the initial calibration shows a negative drift of more than 10% from the previous calibration, the Respondent shall re-monitor all valves and pumps that were monitored since the last calibration, and had readings greater than 100 ppm.	Failed to re-monitor several (5+) valves in February of 2019 that leaked above 100 ppm, for equipment that failed the Calibration Drift assessment of >10% for the 500 ppm or 10,000 ppm gases.	Paragraph M.131 of Consent Decree, Civil Action No. H-01-0978
		2602-V11	FUG 0009 NHT Fugitive Emissions				

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

### XIII.

The Respondent reported the following emission exceedances:

A.	Unauthorized Discharge Notification Report for Incident No. T188940 (02/19/2019)	2913-V6	EQT 0244 HCU Flare	01/12/2019 (2 hours)	SO <sub>2</sub> (0.01 max lb/hr)	53.3 lbs (in excess)	The relief valve (RV) on the downstream side of the 1 <sup>st</sup> stage High Pressure separator vent controller opened due to a blocked outlet on the High Pressure Separator resulting in flaring.	Emission Rates for Criteria Pollutants, Emissions Rates for HAPs/TAPs
	VOC (0.003 max lb/hr)				0.33 lbs (in excess)			
	Hexane (0.00 max lb/hr)				0.06 lbs (in excess)			
	Benzene (0.00 max lb/hr)				0.0003 lbs (in excess)			
B.	Unauthorized Discharge Notification Report for Incident No. T189556 (03/28/2019)	2913-V6	EQT 0244 HCU Flare	02/12/2019 (2 hours)	CO (8.56 max lb/hr)	14.09 lbs (in excess)	The Hydrocracker Unit makeup compressor K-2179 was unloaded inadvertently. This caused elevated pressure on the makeup hydrogen system and relieved an RV to the flare. The Flare Vapor Recovery (FVR) valve closed the routing process gas to the HCU flare. In addition, the RV did not reseal properly.	Emission Rates for Criteria Pollutants, Emissions Rates for HAPs/TAPs
	NO <sub>x</sub> (1.57 max lb/hr)				3.47 lbs (in excess)			
	PM (0.17 max lb/hr)				0.34 lbs (in excess)			
	SO <sub>2</sub> (0.01 max lb/hr)				12.22 lbs (in excess)			
	VOC (0.003 max lb/hr)				6.556 lbs (in excess)			
	Hexane (0.00 max lb/hr)				0.18 lbs (in excess)			
	Benzene (0.00 max lb/hr)				0.001 lbs (in excess)			
Part 70 Permit Semiannual Compliance Certification (09/26/2019)								

C.	Part 70 Permit Semiannual Compliance Certification (09/26/2019)	2913-V6	EQT 0244 HCU Flare	02/25/2019 (1 hour)	CO (8.56 max lb/hr)	Not Reported	The Hydrocracker Unit Debutanizer HIC Valve was opened during maintenance activities. While blocked in, the valve leaked to the flare. This caused the FVR valve to close sending process gas to the HCU Flare.	Emission Rates for Criteria Pollutants, Emissions Rates for HAPs/TAPs
					NOx (1.57 max lb/hr)	Not Reported		
					PM (0.17 max lb/hr)	Not Reported		
					Hexane (0.00 max lb/hr)	Not Reported		
					Benzene (0.00 max lb/hr)	Not Reported		
D.	Part 70 Permit Semiannual Compliance Certification (09/26/2019)	2913-V6	EQT 0244 HCU Flare	02/28/2019 (0:59 hours)	VOC (0.003 max lb/hr)	Not Reported	The makeup compressor 4 <sup>th</sup> stage discharge was being lined up to the header, when a vent to flare was left open. This flow of hydrogen caused the FVR valve to close sending gas to the elevated HCU Flare.	Emission Rates for Criteria Pollutants, Emissions Rates for HAPs/TAPs
					SO <sub>2</sub> (0.01 max lb/hr)	Not Reported		
					Hexane (0.00 max lb/hr)	Not Reported		
					Benzene (0.00 max lb/hr)	Not Reported		
E.	Part 70 Permit Semiannual Compliance Certification (09/26/2019)	2913-V6	EQT 0244 HCU Flare	05/01/2019 (6:02 hours)	VOC (0.003 max lb/hr)	Not Reported	During a planned startup, a compressor tripped on high 2 <sup>nd</sup> stage discharge pressure and resulted in flaring.	Emission Rates for Criteria Pollutants, Emissions Rates for HAPs/TAPs
					NOx (1.57 max lb/hr)	Not Reported		
					SO <sub>2</sub> (0.01 max lb/hr)	Not Reported		
					Hexane (0.00 max lb/hr)	Not Reported		
					Benzene (0.00 max lb/hr)	Not Reported		
F.	Part 70 Permit Semiannual Compliance Certification (09/26/2019)	2629-V7	EQT 0441 2 <sup>nd</sup> Stage Post Frac Reboiler	05/07/2019 (15 minutes)	SO <sub>2</sub> (1.69 max lb/hr)	Not Reported	The max hourly permit limit for SO <sub>2</sub> was exceeded at when the fuel gas blend drum (FGBD) had a spike in high H <sub>2</sub> S material.	Emission Rates for Criteria Pollutants
G.	Part 70 Permit Semiannual Compliance Certification (09/26/2019)	2629-V7	EQT 0080 1 <sup>st</sup> Stage Reaction Heater (F-41)	05/17/2019 (1 hour)	SO <sub>2</sub> (2.24 max lb/hr)	Not Reported	The max hourly permit limit for SO <sub>2</sub> was exceeded at when the FGBD had a spike in high H <sub>2</sub> S material.	Emission Rates for Criteria Pollutants
				05/18/2019 (1 hour)		Not Reported		
H.	Part 70 Permit Semiannual Compliance Certification (04/28/2020)	2629-V7	EQT 0441 2 <sup>nd</sup> Stage Post Frac Reboiler	10/13/2019 (15 minutes)	SO <sub>2</sub> (1.69 max lb/hr)	Not reported	The max SO <sub>2</sub> max lb/hr was exceeded at F-4246. Following startup, HCU F- 4246 burns 100% fuel gas until Hydrogen is available to fuel the furnace. Approximately two (2) days after unit startup, the H <sub>2</sub> S leaving the H <sub>2</sub> S extractor began increasing after more feed cracking stocks were brought into the unit, which led to the exceedance.	Emission Rates for Criteria Pollutants

I.	Part 70 Permit Semiannual Compliance Certification (09/29/2020)	2902-V4	EQT 0078 F-169 Tail Gas Incinerator (F-169)	01/06/2020 (12 hours)	SO <sub>2</sub> (70.99 max lb/hr)	Not Reported	The exceedance occurred after the Tail Gas Analyzer failed. As a result, the unit was extremely air deficient which caused H <sub>2</sub> S to not be completely converted to sulfur. The SCOT unit began to slip higher H <sub>2</sub> S concentration gases to S3's Incinerator due to the SCOT unit becoming overwhelmed with H <sub>2</sub> S gas. This lead to elevated SO <sub>2</sub> at the Incinerator.	Emission Rates for Criteria Pollutants
J.	General Condition XI Notification 2019 Emission Inventory Statement (EIS) (11/23/2020)	2913-V8	EQT 0204 Fixed Roof Tank F-487	2019	VOC (1.14 tpy)	2.17 tpy (1.03 tpy in excess)	The current permit limit is an error and incorrect. The application inadvertently contained a lower rate than previously permitted. The permit limits should be 2.30 tpy for VOC and 0.91 tpy for Benzene as reflected in the previous Title V Permit.	Emission Rates for Criteria Pollutants, Emissions Rates for HAPs/TAPs
					Benzene (0.67 tpy)	0.75 tpy (0.08 in excess)		
K.	General Condition XI Notification 2019 Emission Inventory Statement (EIS) (11/23/2020)	2913-V8	EQT 0205 Fixed Roof Tank F-488	2019	VOC (1.14 tpy)	1.99 tpy (0.85 tpy in excess)	The current permit limit is an error and incorrect. The application inadvertently contained a lower rate than previously permitted. The permit limits should be 2.30 tpy for VOC and 0.91 tpy for Benzene as reflected in the previous Title V Permit.	Emission Rates for Criteria Pollutants, Emissions Rates for HAPs/TAPs
					Benzene (0.67 tpy)	0.71 tpy (0.04 in excess)		
L.	General Condition XI Notification 2019 Emission Inventory Statement (EIS) (11/23/2020)	2912-V8	EQT 0175 Tank F-517 External Floating Roof Tank	2019	Benzene (0.050 tpy)	0.051 tpy (0.001 in excess)	A check valve malfunctioned causing backflow into tank and thus a higher throughput and a 2 lbs exceedance.	Emissions Rates for HAPs/TAPs
M.	General Condition XI Notification 2019 Emission Inventory Statement (EIS) (11/23/2020)	2602-V11	EQT 0051 RCCU Flare	2019	NO <sub>x</sub> (2.76 tpy)	4.29 tpy (1.53 in excess)	Additional sweep gas has been added to maintain compliance with the requirements of the Refinery Sector Rules. The increase in natural gas and fuel gas resulted in emission exceedances.	Emission Rates for Criteria Pollutants
					CO (15.03 tpy)	21.12 tpy (6.09 tpy in excess)		
N.	Part 70 Permit Semiannual Compliance Certification (03/24/2021)	2602-V11	EQT 0051 RCCU Flare	10/04/2020 (59 minutes)	SO <sub>2</sub> (0.19 max lb/hr)	Not Reported	While operations was performing the yearly stroke test on a hand valve for the RA column, the upstream block valve leaked by allowing the RA column to vent to the RCCU Flare.	Emission Rates for Criteria Pollutants

O.	Part 70 Permit Semiannual Compliance Certification (03/24/2021)	2794-V1	EQT 0084 CDHDS Reboiler Furnace	11/03/2020 (1 hour)	SO <sub>2</sub> (4.61 max lb/hr)	Not Reported	The SO <sub>2</sub> permit limit was exceeded when the Fuel Gas Blend Drum (FGBD) had a spike in high H <sub>2</sub> S material. The RCCU Gasoline Hydrotreater (RGHT) experienced a unit shutdown when the soft goods failed in a remote shutoff switch for the reflux pumps. While the unit was down, Operations added DMDS to protect the catalyst from deactivation, however too much DMDS was added. RGHT was being routed to the FGBD rather than the FVR Unit.	Emission Rates for Criteria Pollutants
P.	Part 70 Permit Semiannual Compliance Certification (03/24/2021)	2602-V11	EQT 0051 RCCU Flare	12/25/2020 (39 minutes)	SO <sub>2</sub> (0.19 max lb/hr)	Not Reported	DU-5 experienced an unplanned shutdown due to an upset in the Vacuum Flasher. With DU-5 down and a lack of feed to the RCCU North Cat Header, the Main Frac Accumulator was vented to the RCCU Elevated Flare.	Emission Rates for Criteria Pollutants, Emissions Rates for HAPs/TAPs
					VOC (0.28 max lb/hr)	Not Reported		
					Benzene (<0.001 max lb/hr)	Not Reported		
					Cumene (Not permitted)	Not Reported		
					1,3-Butadiene (<0.001 max lb/hr)	Not Reported		
					2,2,4-Trimethylpentane (Not permitted)	Not Reported		
Q.	General Condition XI Notification 2020 Emission Inventory Statement (EIS) (04/28/2021)	2602-V11	EQT 0051 RCCU Flare	2020	VOC 0.15 tpy	0.165 tpy	Additional sweep gas has been added to maintain compliance with the requirements of the Refinery Sector Rules. The increase in natural gas and fuel gas resulted in emission exceedances.	Emission Rates for Criteria Pollutants
					NOx (2.76 tpy)	8.295 tpy		
					CO (15.03 tpy)	44.512 tpy		
R.	General Condition XI Notification 2020 Emission Inventory Statement (EIS) (04/28/2021)	2502-V11	EQ	2020	VOC (0.01 tpy)	0.079 tpy	An anomalously high benzene lab result led to the elevated emissions.	Emission Rates for Criteria Pollutants
S.	General Condition XI Notification 2020 Emission Inventory Statement (EIS) (04/28/2021)	2912-V9	EQT 0161 Tank F-462 External Floating Roof	2020	1,3-Butadiene (0.085 tpy)	0.090 tpy	Calculation methodology (2019 AP-42 Factors vs Permit pre-2019 factors) potentially led to the permit exceedances.	Emissions Rates for HAPs/TAPs

T.	General Condition XI Notification 2020 Emission Inventory Statement (EIS) (04/28/2021)	2912-V6	EQT 0166 Tank D-422 Internal Floating Roof	2020	H <sub>2</sub> S 0.030 tpy	0.034 tpy	Calculation methodology (2019 AP-42 Factors vs Permit pre-2019 factors) potentially led to the permit exceedances.	Emissions Rates for HAPs/TAPs
					1,3-Butadiene 0.106 tpy	0.114 tpy		

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

#### XIV.

The Respondent reported the following deviations from fugitive emission requirements:

A.	Part 70 Permit Semiannual Compliance Certification (09/26/2019)	2600-V4	FUG 0016 Fugitive Emissions- Alkylation Unit	01/01/2019- 06/30/2019	Two (2) open-ended lines (OELs) with a missing cap, blind flange, or plug were identified during routine inspections.	40 CFR 63.167, Specific Requirement 91
B.	Part 70 Permit Semiannual Compliance Certification (09/26/2019)	2502-V10	FUG 0009 Fugitive Emissions- NHT Unit	01/01/2019- 06/30/2019	Two (2) OELs with a missing cap, blind flange, or plug were identified during routine inspections.	40 CFR 63.167, Specific Requirement 538
C.	Part 70 Permit Semiannual Compliance Certification (04/28/2020)	2502-V10	FUG 0009 Fugitive Emissions- NHT Unit	07/01/2019- 12/31/2019	Two (2) OELs with a missing cap, blind flange, or plug were identified during routine inspections.	40 CFR 63.167, Specific Requirement 538
D.	Part 70 Permit Semiannual Compliance Certification (04/28/2020)	2629-V7	FUG 0012 HCU Fugitive Emissions	07/01/2019- 12/31/2019	One (1) OEL with a missing cap, blind flange, or plug was identified during routine inspections.	40 CFR 63.167, Specific Requirement 186
E.	Part 70 Permit Semiannual Compliance Certification (04/28/2020)	2502-V10	FUG 007 Fugitive Emissions- Catalytic Reformer #2 Unit	07/01/2019- 12/31/2019	Two (2) OELs with a missing cap, blind flange, or plug were identified during routine inspections.	40 CFR 63.167, Specific Requirement 335
F.	Part 70 Permit Semiannual Compliance Certification (04/28/2020)	2602-V11	FUG 0004 RCCU Fugitive Emissions	07/01/2019- 12/31/2019	Three (3) OELs with a missing cap, blind flange, or plug were identified during routine inspections.	40 CFR 63.167, Specific Requirement 247
G.	2020 First Semiannual Report; Consent Decree Civil Action No. H-01-0978 (08/25/2020)	2502-V11	FUG 0009 NHT Fugitive Emissions	10/14/2019	Three (3) OELs were discovered.	40 CFR 63.167, Specific Requirements 67 & 247
		2602-V11	FUG 0004 RCCU Fugitive Emissions			

H.	Part 70 Permit Semiannual Compliance Certification (09/29/2020)	2502-V11	FUG 0026 Process Fugitives  FUG 0012 Fugitives Emissions- HCU	01/01/2020- 06/30/2020	One (1) OEL with a missing cap, blind flange, or plug was identified during routine inspections.	40 CFR 63.167, Specific Requirement 67
I.	Part 70 Permit Semiannual Compliance Certification (03/24/2021)	2602-V11	FUG 0004 RCCU Fugitive Emissions	2H2020	One (1) OEL with a missing cap, blind flange, or plug was identified during a routine inspection.	40 CFR 63.167, Specific Requirement 247

Each failure to meet fugitive emission requirements is a violation of any applicable permit and associated requirement(s) listed above, LAC 33:III.501.C.4, LAC 33:III.2122.C.3, La. R.S. 30:2057(A)(1), and 30:2057(A)(2).

#### XV.

The Respondent reported the following recordkeeping violations:

Part 70 Permit Semiannual Compliance Certification (04/28/2020)	2502-V10	Not Reported	November 2019	The minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored	On November 28, 2019 analyzer A18101 discontinued producing data. The PLC froze which stopped the transfer of data from the analyzer to the DCS. It was not repaired until December 4, 2019. This caused the analyzer to fall below the 90% data availability.	LAC 33:III.535, Specific Requirement 707
---	----------	-----------------	------------------	--	--	---

Failure to maintain the required records is a violation of: the applicable permit, any associated permit requirement listed above, LAC 33:III.501.C.4, La. R.S. 30:2057(A)(1) and (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 actual concentrations (in ppmv) for the violations cited in Paragraph XI. L, Q, T-U, D2-E2, and H2-L2 of the **FINDINGS OF FACT** portion of this action.

III.

To submit to the Enforcement Division, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, the total duration, date of corrective action completion, and any other noncompliance events as applicable to the violation cited in Paragraph XI.S of the **FINDING OF FACT** portion of this action.

IV.

To submit to the Enforcement Division, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, the total duration and date of corrective action completion for the violation cited in Paragraph XI.M2 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 total number of End of Day drift checks not conducted and the total number of valves not re-monitored as cited in Paragraph XII.D-E 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 emissions in excess of permitted limits (in lbs) for the violations cited in the violations cited in Paragraph XIII.C-I and N-P 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**, the emission point and actual data availability/retention percentage for the violation cited in Paragraph XV of the **FINDINGS OF FACT** portion of this action.

VIII.

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-20-00738  
Agency Interest No. 183215

**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-20-00738  
Agency Interest No. 183215

**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.

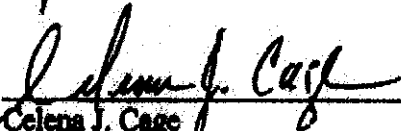
## IV.

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 may submit the settlement offer within one hundred and eighty (180) days of receipt of this **NOTICE OF POTENTIAL PENALTY** portion but no later than ninety (90) days of achieving compliance with the **COMPLIANCE ORDER** portion. 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 29<sup>th</sup> day of April, 2022.

  
Celena J. Cage  
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 POST OFFICE BOX 4312 BATON ROUGE, LOUISIANA 70821-4312		CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY REQUEST TO CLOSE		
Enforcement Tracking No.	AE-CN-20-00738	Contact Name	Antoinette Cobb	
Agency Interest (AI) No.	1406	Contact Phone No.	(225) 219-3072	
Alternate ID No.	2520-00002			
Respondent:	Equilon Enterprises LLC	Facility Name:	Shell Oil Products US Norco Refinery	
	c/o C T Corporation System	Physical Location:	15536 River Road	
	Agent for Service of Process			
	3867 Plaza Tower Drive	City, State, Zip:	Norco, LA 70079	
	Baton Rouge, LA 70816	Parish:	St. Charles	
<b>STATEMENT OF COMPLIANCE</b>				
STATEMENT OF COMPLIANCE		Date Completed	Copy Attached?	
A written report was submitted in accordance with Paragraph VIII 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-VII 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:				
<b>SETTLEMENT OFFER (OPTIONAL)</b>				
(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 33:11 Subpart 1, Chapter 7.			
<input type="checkbox"/>	In order to resolve any claim for civil penalties for the violations in NOTICE OF POTENTIAL PENALTY (AE-CN-20-00738), 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-20-00738), 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"> <li>• Monetary component = \$_____</li> <li>• Beneficial Environmental Project (BEP) component (optional) = \$_____</li> <li>• 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.</li> </ul>			
<input type="checkbox"/>	The Respondent has reviewed the violations noted in NOTICE OF POTENTIAL PENALTY (AE-CN-20-00738) and has attached a justification of its offer and a description of any BEPs if included in settlement offer.			

CERTIFICATION STATEMENT		
<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>		
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		