

JOHN BEL EDWARDS
GOVERNOR



CHUCK CARR BROWN, Ph.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF ENVIRONMENTAL COMPLIANCE

November 8, 2017

CERTIFIED MAIL (7003 2260 0000 5824 4982)
RETURN RECEIPT REQUESTED

CALUMET LUBRICANTS CO., L.P.

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-17-00050
AGENCY INTEREST NO. 312**

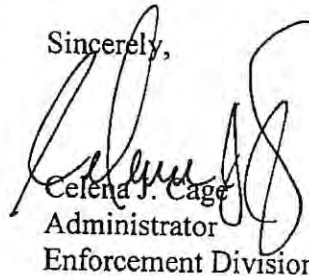
Dear Sir:

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 **CALUMET LUBRICANTS CO., L.P (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. 3080-00010
Attachment



c: Calumet Lubricants Co., L.P.
Cotton Valley Refinery
c/o Mr. Charles Cost, Plant Manager
1756 Old Highway 7
Cotton Valley, Louisiana 71018

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

IN THE MATTER OF

**CALUMET LUBRICANTS CO., L.P.
WEBSTER PARISH
ALT ID NO. 3080-00010**

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

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* **ENFORCEMENT TRACKING NO.**
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* **AE-CN-17-00050**
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* **AGENCY INTEREST NOS.**
* **312**
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**CONSOLIDATED
COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY**

The following **CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY** is issued to **CALUMET LUBRICANTS CO., L.P. (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 Cotton Valley Refinery (the Facility), a petroleum refinery, located at 1756 Old Highway 3 in Cotton Valley, Webster Parish, Louisiana. The Facility operates or has operated under the authority of the following Title V Air Permits:

PERMIT	ISSUE DATE	EXPIRATION DATE
3080-00010-V9	05/12/2016	01/12/2020
3080-00010-V8	01/12/2015	01/12/2020
3080-00010-V7	05/16/2014	01/08/2015
3080-00010-V6	12/31/2012	01/08/2015
3080-00010-V5	01/08/2010	01/08/2015

The Respondent entered into a Settlement Agreement, Settlement Tracking No. SA-MM-10-0090 (the Settlement), with the Department on January 31, 2012. The terms and conditions of the Settlement Agreement are applicable to the following affiliated Limited Partnership and Limited Liability Companies: Calumet Lubricants Co, LP-Cotton Valley Refinery (Agency Interest No. 312), Calumet Lubricants Co., LP-Princeton Refinery (Agency Interest No. 1224), and Calumet Shreveport Lubricants & Waxes, LLC-Shreveport Refinery (Agency Interest No. 1214). The Respondent agreed to undertake installation of air pollution control equipment and enhancements to air pollution control management practices at the three facilities to reduce air emissions.

II.

On or about September 19, 2016, the Department conducted a Full Compliance Evaluation Inspection to determine Respondent's degree of compliance with the Act, the Air Quality Regulations, and all applicable permits. While the Department's investigation is not complete, the following violations were noted during the course of the inspection:

- A. The facility failed to provide the 2015 oil and filter change maintenance records for the Backup Generator (EQT 0073) and the Backup WWTP Generator (EQT 0114) for the inspector's review. The facility is required to change oil and filter every 500 hours of operation or annually, whichever comes first. Equipment/operational data recordkeeping by electronic or hard copy is also required. Each failure to maintain records for the oil and filter change is a violation of 40 CFR 63.6655, Specific Requirements 210 and 344 of Title V Permit No. 3080-00010-V8, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(2).
- B. The facility failed to provide the 2015 maintenance records for the inspection of the air cleaner for the Backup Generator (EQT 0073), Diesel-Fired Secondary Pump (EQT 0110) and Diesel-Fired Air Compressor (EQT 0113) for the inspector's review. The facility is required to inspect the air cleaner every 1,000 hours of operation or annually, whichever comes first. Equipment/operational data recordkeeping by electronic or hard copy is also required. Each failure to maintain records documenting the inspection of the air cleaner is a violation of 40 CFR 63.6655, Specific Requirements 210, 317, and 330 of Title V Permit No. 3080-00010-V8, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(2).
- C. The facility failed to provide the 2015 maintenance records documenting the inspection of all hoses and belts for the Backup Generator (EQT 0073), Diesel-Fired Primary Firewater Pump (EQT 0109), Diesel-Fired Secondary Pump (EQT 0110), Diesel-Fired Air Compressor (EQT 0113), and Backup WWTP Generator (EQT 0114) for the inspector's review. The facility is required to inspect all hoses and belts every 500 hours of operation or annually, whichever comes first. Equipment/operational data recordkeeping by electronic or hard copy is also required. Each failure to maintain records documenting the inspection of all hoses and belts is a violation of

40 CFR 63.6655, Specific Requirements 210, 302, 317, 330, and 344 of Title V Permit No. 3080-00010-V8, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(2).

- D. The facility failed to provide the 2015 maintenance documenting the inspection of the spark plugs for the Backup WWTP Generator (EQT 0114) for the inspector's review. The facility is required to inspect the spark plugs every 1,000 hours of operation or annually, whichever comes first. Equipment/operational data recordkeeping by electronic or hard copy is also required. The failure to maintain the records documenting the inspection of the spark plugs is a violation of 40 CFR 63.6655, Specific Requirement 344 of Title V Permit No. 3080-00010-V8, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(2).

III.

On or about January 25-27, 2017, the Department conducted a file review to determine the Respondent's degree of compliance with the Act, the Air Quality Regulations, all applicable permits, and reports from January 1, 2012 through December 31, 2016. While the review is not complete, the Department noted the violations found in paragraphs IV-X of the Findings of Fact portion of this enforcement action.

IV.

The Respondent reported the following violations from permitted operating parameters:

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	OPERATING PARAMETER	REPORTED CAUSE	REGULATORY OF PERMIT REQUIREMENTS
A.	2014 2 nd Semiannual Monitoring Report (03/10/2015)	3080-00010-V7	EQT 0109 Diesel-Fired Primary Firewater Pump	10/08/2014-12/31/2014 (3.1 hours)	Non-emergency use such as maintenance and readiness testing is limited to 100 hours per year	The 100 hour limit was exceeded due to miscellaneous water usage from the pump	40 CFR 63.6640(f)(2), Specific Requirement 333
B.	2015 2 nd Semiannual Monitoring Report (02/25/2016)	3080-00010-V8	EQT 0071 Flare	12/03/2015-01/26/2016 (179 hours)	Heat content \geq 300 BTU/scf	The BTU value of the waste gas to the flare dropped below 300 BTU occasionally due to the composition of the gas	40 CFR 60.18(c)(3)(ii), Specific Requirement 184
	2016 1 st Semiannual Monitoring Report (09/09/2016)						

The Respondent submitted additional information dated February 6, 2017, for the violation cited in IV.B. 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).

V.

The Respondent failed to meet the following reporting requirements:

REPORT (date)	PERMIT NUMBER	REPORTING REQUIREMENT	DUE DATE	SUBMITTAL DATE	REGULATORY or PERMIT REQUIREMENTS
2013 1 st Semiannual Monitoring Report	3080-00010-V6	The semiannual report shall be submitted on March 31 and September 30	09/30/2013	10/29/2013	LAC 33:III.535, Specific Requirement 419

Failure to meet reporting requirements is a violation of 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).

VI.

The Respondent was required to retain a contractor to perform a third-party audit of the facility's Leak Detection and Repair (LDAR) program per Paragraph 50 of the Settlement Agreement. The LDAR audit was conducted on October 1-2, 2012. The audit findings were reported in Settlement SA-MM-10-0090 Semiannual Progress Report for January 1, 2013 through June 30, 2013 dated July 31, 2013. The following violations were discovered during the audit:

	TITLE V PERMIT NUMBER	EMISSION POINT/UNIT	AUDIT FINDING	REGULATORY or PERMIT REQUIREMENTS	CORRECTIVE ACTION	PROPOSED DATED OF COMPLETION
A.	3080-00010-V5	400	Sixteen (16) open-ended lines (OELs) found without control by cap, plug, or double block valves	40 CFR 60.482-6, Specific Requirement 295	Inspect all units for open-ended line and cap them. Block valves will be added where needed. Operators will be retrained on Cotton Valley's Operating Procedure #33	Completed*
B.	3080-00010-V5	Various	Eighty-five (85) Difficult to Monitor valves failed to have an acceptable explanation for their DTM designation	40 CFR 60.486, Specific Requirement 297	The database description was changed for the 85 DTM valves to read "the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface.	Completed*
C.	3080-00010-V5	400	An open bucket was noted containing process fluid at what appears to be a sample point	40 CFR 60.482-5, Specific Requirement 295	All open containers should be emptied or covered. Operators will be retrained on Cotton Valley's Operating Procedure #33.	Completed*
D.	3080-00010-V5	400 & HT	Nine (9) components appeared to be in hydrocarbon service but were not tagged or in the monitoring route	40 CFR 60.482-7, Specific Requirement 295	The nine (9) components were added to the LDAR program or rags replaced and inspected. Additionally, a review	Completed*

	TITLE V PERMIT NUMBER	EMISSION POINT/UNIT	AUDIT FINDING	REGULATORY or PERMIT REQUIREMENTS	CORRECTIVE ACTION	PROPOSED DATED OF COMPLETION
					of LDAR tag number and P & IDs will be performed to note additional components missing in the system.	
E.	3080-00010-V5	Various	Sixteen (16) leaking components were missing re-inspection dated certifying a 1 st attempt at repair was accomplished	40 CFR 60.482-2, 40 CFR 60.482-7, Specific Requirement 295	Environmental engineer will receive instruction in the LeakDAS software. Monthly data reviews for pumps and quarterly reviews for valves will be done in LeakDAS.	Completed*
F.	3080-00010-V5	Various	Ten (10) valves appeared to have missed quarterly monitoring in the 2 nd Quarter of 2012	40 CFR 60.482-7, Specific Requirement 295	Environmental engineer will receive instruction in the LeakDAS software. Monthly data reviews for pumps and quarterly reviews for valves will be done in LeakDAS.	Completed*
G.	3080-00010-V5	HT	A field review of a selection of DTM valves indicated that two of them should probably be re-classified as NTM.	40 CFR 60.482-7, Specific Requirement 295	Two (2) valves were reclassified as NTM. The entire DTM list was reviewed and verified.	Completed*
H.	3080-00010-V5	Facility-wide	Records of two (2) post-repair monthly monitoring events for four (4) repaired valves were not available	Settlement Agreement Paragraph 56	Environmental engineer will receive instruction in the LeakDAS software. Monthly data reviews for pumps and quarterly reviews for valves will be done in LeakDAS.	Completed*
I.	3080-00010-V5	HT, Storage, & Frac	Insufficient quarterly QA/QC program checks	40 CFR 60.482-7, Specific Requirement 295	Calumet hired a third party contractor to perform the quarterly QA/QC review.	Completed*
J.	3080-00010-V5	HT & Crude	One (1) new valve appeared to have missed required two (2) successive months of monitoring prior to switching to a quarterly monitoring frequency	40 CFR 60.482-7, Specific Requirement 295	Environmental engineer will receive instruction in the LeakDAS software. Monthly data reviews for pumps and quarterly reviews for valves will be done in LeakDAS.	Completed*
K.	3080-00010-V5	Frac & Storage	Two (2) leaking pumps and one (1) valve missing 15-day and/or DOR documentation	40 CFR 60.482-2, Specific Requirement 295	Environmental engineer will receive instruction in the LeakDAS software. Monthly data reviews for pumps and quarterly reviews for valves will be done in LeakDAS.	Completed*

* completed as reported in Settlement SA-MM-10-0090 Semiannual Progress Report for January 1, 2013 through June 30, 2013 dated July 30, 2013

Each violation associated with the LDAR audit is a violation of the Title V Permit, regulatory and/or permit requirements listed above, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(2).

VII.

The Respondent was required to conduct an audit to ensure compliance with the requirements of NSPS, Subpart QQQ per Paragraph 67 of the Settlement Agreement, within twelve (12) months of the January 31, 2012 effective date. The QQQ audit was conducted on September 12, 2012. The audit findings were reported in the NSPS Subpart QQQ Audit Report dated January 21, 2013. The following violations were discovered during the audit:

	TITLE V PERMIT NUMBER	AUDIT FINDING	REGULATORY or PERMIT REQUIREMENTS	PROPOSED DATE OF COMPLETION FOR CORRECTIVE ACTIONS
A.	0380-000010-V5	Water seals of forty-eight (48) affected drains and catch basins were not installed	40 CFR 60.692-2(a)(1)	4 th quarter of 2014*
B.	0380-000010-V5	Three (3) out-of-service drains were not capped	40 CFR 60.692-2(a)(4)	4 th quarter of 2014*
C.	0380-000010-V5	One (1) affected seal box was currently opened to atmosphere without a sealed cover	40 CFR 60.692-2(b)(1)	4 th quarter of 2014*
D.	0380-000010-V5	Five (5) affected seal box covers were not sealed	40 CFR 60.692-2(b)(2)	4 th quarter of 2014*
E.	0380-000010-V5	One (1) process drain above ground line was currently discharge to atmosphere	40 CFR 60.693.3-1(e)(1)	4 th quarter of 2014*
F.	0380-000010-V5	Three (3) sump covers were not sealed	40 CFR 60.692-2(b)(2)	4 th quarter of 2014*
G.	0380-000010-V5	Oil water separator access doors were not sealed	40 CFR 60.692-3(3)	4 th quarter of 2014*
H.	0380-000010-V5	Carbon canisters were not installed for the oil water separator	40 CFR 60.695	4 th quarter of 2014*
I.	0380-000010-V5	None of the monthly and/or semiannual visual inspection records for each affected drain, catch basin, junction box, sump, oil water separator, or associated above ground sewer piping were maintained	40 CFR 60.692-2(a)(2), 40 CFR 60.692-2(b)(3), 40 CFR 60.692-2(c)(2), 40 CFR 60.697(a), 40 CFR 60.697(b)(1), 40 CFR 60.697(b)(2), 40 CFR 60.697(c)-(d)	4 th quarter of 2014*
J.	0380-000010-V5	None of the semiannual inspection reports were reported (submitted)	40 CFR 60.698(c)	4 th quarter of 2014*

*In the NSPS Subpart QQQ Audit Report dated January 21, 2013, the Respondent proposed to implement all corrective actions by the 4th quarter of 2014. On or about August 25, 2014, the Department received a request for extension for the installation of control equipment on a single emission source (ID# 12, CPI). The extension was granted on November 17, 2014. The deadline to submit a report with the measures taken or to be taken to ensure compliance with NSPS Subpart QQQ or an explanation as to why the regulation is not applicable is July 1, 2015. The Respondent submitted an update for the extension dated February 6, 2015. In the in Settlement SA-MM-10-0090

Semiannual Progress Report for July 1, 2015 through December 31, 2015 dated January 28, 2016, the Respondent reported all corrective actions were completed at the time of the January 1, 2015 through June 30, 2015 semiannual reporting period.

Each violation associated with the QQQ audit is a violation of the regulatory and/or permit requirements listed above and La. R.S. 30:2057(A)(2).

VIII.

The Respondent was required to conduct a Title V permit audit to ensure compliance with the requirements of the permits per Paragraph 69 of the Settlement Agreement. The Title V audit was conducted on April 22-24, 2013. The audit findings were reported in Title V Semi-Annual Monitoring Report for the period of January 1, 2013 to June 30, 2013 dated October 29, 2013. The following violations were discovered during the audit:

	TITLE V PERMIT NUMBER	EMISSION POINT	AUDIT FINDING	REGULATORY or PERMIT REQUIREMENTS	CORRECTIVE ACTION	PROPOSED DATE OF COMPLETION
A.	0380-000010-V6	N/A	Two (2) stationary engines (onsite for longer than 12 months) were not included in the air permit as required	LAC 33:III.517.A.1, Specific Requirement 412	Facility will submit a permit application to address the stationary engines onsite at the facility	Completed 01/27/14*
B.	0380-000010-V6	All stationary engines	Compliance cannot be demonstrated with federal stationary engine regulations	40 CFR 63, Subpart ZZZZ 40 CFR 63.6605	Facility to develop and implement an engine compliance plan	Completed 11/18/13*
C.	0380-000010-V6	EQT 0071	Flare performance test was not performed as required by NSPS A	40 CFR 60.18, Specific Requirement 198	Facility to perform test as required	Completed 12/10/13*
D.	0380-000010-V6	GRP0010 GRP0010 GRP0012 GRP0013 GRP0014	Actual tank throughput calculation documentation was inadequate. The calculation was used to demonstrate compliance with permitted tank capped emission limits	Specific Requirements 331, 335, 339, 342, 346, & 350	Revise and document spreadsheet so that it can be easily verified and understood	Completed 12/19/13*
E.	0380-000010-V6	EQT0038 EQT0047 EQT0049 EQT0050 EQT0051 EQT0055	IFR Tank Inspection forms do not address all tank inspection and fitting requirements as stipulated by regulations	40 CFR 60.113b(a)(2), 40 CFR 60.113(a)(3)(i), Specific Requirements 8, 43, 68, 93, 118, & 143	Facility will revise storage tank inspection forms to adequately address tank fitting requirements	Completed 09/26/13*
F.	0380-000010-V6	EQT 0038 EQT 0049 EQT 0050	Detailed internal inspection has not been completed by the 10 year deadline for Tanks 29, 54, and 55	40 CFR 60.113b(a)(4), Specific Requirements 11, 71, & 90	Detailed internal inspection will be completed and documented	EQT 0038: Completed 08/23/14* EQT 0049: Completed 10/28/14* EQT 0050: Completed 10/09/14*
G.	0380-000010-V6	EQT 0067 EQT 0068 EQT 0071 EQT 0070 EQT 0080 EQT 0083	The facility did not have a formal and documented QA/QC CEMs program	40 CFR 60, Appendix F	Facility will develop and implement a documented QA/QC CEMs program	Completed 08/30/13*

* completed as reported in Settlement SA-MM-10-0090 Semiannual Progress Report for January 1, 2015 through June 30, 2015 dated July 30, 2015

Each violation associated with the Title V permit audit is a violation of the Title V Permit and regulatory and/or permit requirements listed above, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(2).

IX.

The Respondent was required to retain a contractor to perform a third-party audit of the facility's Leak Detection and Repair (LDAR) program per Paragraph 50 of the Settlement Agreement. The LDAR audit was conducted on May 18-20, 2015. The audit findings were reported in Settlement SA-MM-10-0090 Semiannual Progress Report for January 1, 2016 through June 30, 2016 dated July 27, 2016. The following violations were discovered during the audit:

	TITLE V PERMIT NUMBER	EMISSION POINT/UNIT	AUDIT FINDING	REGULATORY or PERMIT REQUIREMENTS	CORRECTIVE ACTION	PROPOSED DATE OF COMPLETION
A.	3080-00010-V8	FUG 0002	The number of "difficult to monitor" components monitored during the reporting period are required to be listed in Semi-Annual Reports. Not found in any Semi-Annual Reports.	Settlement Agreement Paragraph 61.c.ii(d), Specific Requirement 375	Semiannual reports now include a description of the "number of difficult to monitor pieces of equipment monitored", the "projected month of the next monitoring event of the unit", and the citation has been corrected to 60.482-7(b)	Completed*
B.	3080-00010-V8	FUG 0002	The projected month of the next monitoring event for each unit is required to be listed in Semi-Annual Reports. Not found in any Semi-Annual Reports.	Settlement Agreement Paragraph 61.c.iii(e), Specific Requirement 375		
C.	3080-00010-V8	FUG 0002	Pumps and valves found to be leaking require final repair or placement on the delay of repair list within fifteen (15) days of discovery. Nine (9) valves found to not have final repair within fifteen (15) days of discovery. Tag numbers: 01080, 00805, 00279, 03450, 03459, 00369, 00370, 00400, & 00418.03	40 CFR 60.482-2(c), 40 CFR 60.482-7(d), Specific Requirement 346	The valves were repaired. In the future, leaking valves will be repaired or placed on DOR within fifteen (15) days of discover of a leak.	Completed*
D.	3080-00010-V8	FUG 0002	Valves that are leaking require monitoring to show no leaks detected for two (2) successive months. Nine (9) valves found to not have been monitored for two (2) successive months after a leak is detected. Tag numbers: 0711.01, 00716, 03153, 01466, 00487, 01536, 01482.27, 00714, & 00476	40 CFR 60.482-7(b)(2), Specific Requirement 346	The fixed valves were monitored. In the future, fixed valves will be monitored for two (2) successive months following repair.	Completed*
E.	3080-00010-V8	FUG 0002	Repairs to valves are allowed to be delayed for specific conditions provided in 40 CFR 60.482-9(c). Five (5) valves were on delay of repair list due to waiting for valve or packing. Which is not an acceptable reason based on EPA precedent/ Tag numbers: 00869, 03153, 00132, 00138, & 04195	40 CFR 60.482-9(c), Specific Requirement 346	The valves were repaired and removed from the DOR list.	Completed*
F.	3080-00010-V8	FUG 0002	LDAR applicable valves are required to be initially monitored within thirty (30) days of initial startup, and re-monitored in the second month before instituting quarterly	40 CFR 60.482-7(a)(2)(i), Specific Requirement 346	The new valves were monitored. In the future, new valves will be monitored within thirty (30) days of	Completed*

TITLE V PERMIT NUMBER	EMISSION POINT/UNIT	AUDIT FINDING	REGULATORY or PERMIT REQUIREMENTS	CORRECTIVE ACTION	PROPOSED DATE OF COMPLETION	
		monitoring. Twelve (12) instances found of valves not inspected within 30 days of startup. Tag numbers: 00684.01, 02037.01, 02086.01, 02679.03, 02696.05, 00021.35, 00021.36, 00021.37, 00021.38, 00021.39, 00015.01, & 00015.02. One (1) instance found of valve missing second month inspection after startup. Tag number 02503.01		startup.		
G.	3080-00010-V8	FUG 0002	Management of Change (MOC) 2013-04 addressed the replacement of a flare header in which existing tags were re-used for new valves. As a result, these new valves were not monitored for two (2) consecutive months prior transitioning to quarterly monitoring	Settlement Agreement Paragraph 58, Specific Requirement 367	Deficiencies were corrected. In the future, applicable LDAR changes will be identified in the LeakDAS database for projects identified by a MOC form.	
H.	3080-00010-V8	FUG 0002	MOC 2013-92 involved adding a block valve to boiler gas vents. There is no record of valves added to the LeakDAS database related to this MOC.	Settlement Agreement Paragraph 58, Specific Requirement 367		
I.	3080-00010-V8	FUG 0002	Five (5) open ended lines found during audit	40 CFR 60.482-6, Specific Requirement 346	The maintenance team has been trained on open-ended lines. All open-ended lines found during the audit have been closed.	Completed*
J.	3080-00010-V8	FUG 0002	Twelve (12) untagged components found during audit	40 CFR 60.482-2, 40 CFR 60.482-7, Specific Requirement 346	The untagged components were tagged.	Completed*

* completed as reported in Settlement SA-MM-10-0090 Semiannual Progress Report for January 1, 2016 through June 30, 2016 dated July 27, 2016

Each violation found during the LDAR audit is a violation of the Title V Permit, and regulatory and/or permit requirements listed above, LAC 33:III.501.C.4, and 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**, proof of compliance for the 2015 calendar year and corrective actions

implemented to achieve compliance with the recordkeeping requirements as described in Paragraph II.A-D 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**, a revised copy of the 2016 First Semiannual Monitoring Report for the January 1, 2016 through June 30, 2016 reporting period as described in Paragraph IV.B of the **FINDINGS OF FACT** portion of this action. The revised report shall include the incident date(s), duration(s), and reported cause(s) for any deviations that occurred during the reporting period.

IV.

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-17-00050
Agency Interest No. 312

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-17-00050
Agency Interest No. 312

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 Department's Rules of Procedure. 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 8th day of November, 2017.



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-17-00050	Contact Name	Antoinette Cobb
Agency Interest (AI) No.	312	Contact Phone No.	(225) 219-3072
Alternate ID No.	3080-00010		
Respondent:	Calumet Lubricants Co., L.P.	Facility Name:	Cotton Valley Refinery
	c/o C T Corporation System	Physical Location:	1756 Old Highway 3
	Agent for Service of Process		
	3867 Plaza Tower Drive	City, State, Zip:	Cotton Valley, LA 71018
	Baton Rouge, LA 70816	Parish:	Webster

STATEMENT OF COMPLIANCE

STATEMENT OF COMPLIANCE	Date Completed	Copy Attached?
A written report was submitted in accordance with Paragraph IV 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-III 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-17-00050), 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-17-00050), 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)= \$ _____ <p><i>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.</i></p>
<input type="checkbox"/>	The Respondent has reviewed the violations noted in NOTICE OF POTENTIAL PENALTY (AE-CN-17-00050) and has attached a justification of its offer and a description of any BEPs if included in settlement offer.

CERTIFICATION STATEMENT

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.

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

JOHN BEL EDWARDS
GOVERNOR



CHUCK CARR BROWN, Ph.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF ENVIRONMENTAL COMPLIANCE

February 2, 2018

CERTIFIED MAIL (7004 2510 0005 5763 0546)
RETURN RECEIPT REQUESTED

CALUMET SHREVEPORT LUBRICANTS & WAXES, LLC
c/o C T Corporation System
Agent for Service of Process
3867 Plaza Tower Drive
Baton Rouge, Louisiana 70816

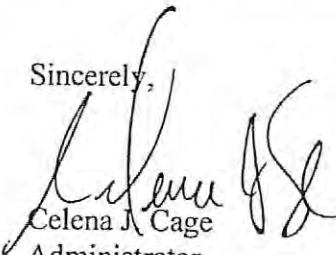
**RE: CONSOLIDATED COMPLIANCE ORDER
& NOTICE OF POTENTIAL PENALTY
ENFORCEMENT TRACKING NO. AE-CN-16-00432
AGENCY INTEREST NO. 1214**

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 **CALUMET SHREVEPORT LUBRICANTS & WAXES, LLC** 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. 0500-00005
Attachment



c: Calumet Shreveport Lubricants & Waxes, LLC
c/o Mr. Arthur Loudon, Plant Manager
Post Office Box 3099
Shreveport, Louisiana 71133

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

<p>IN THE MATTER OF</p> <p>CALUMET SHEREVPORT LUBRICANTS & WAXES, LLC CADDO PARISH ALT ID NO. 0500-00005</p> <p>PROCEEDINGS UNDER THE LOUISIANA ENVIRONMENTAL QUALITY ACT, La. R.S. 30:2001, ET SEQ.</p>	<p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p> <p>*</p>	<p>ENFORCEMENT TRACKING NO.</p> <p style="text-align: center;">AE-CN-16-00432</p> <p>AGENCY INTEREST NO.</p> <p style="text-align: center;">1214</p>
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CONSOLIDATED
COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY

The following **CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY** is issued to **CALUMET SHREVEPORT LUBRICANTS & WAXES, LLC** 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 Shreveport Refinery (the Facility), a specialty chemicals and lube facility, located at 3333 Midway Avenue in Shreveport, Caddo Parish, Louisiana. The Facility operates or has operated under the authority of the following Title V Air Permits:

PERMIT	ISSUE DATE	EFFECTIVE EXPIRATION DATE
0500-00005-V15AA	11/14/2016	05/22/2017 (administratively continued)
0500-00005-V15	07/12/2016	05/22/2017
0500-00005-V14	09/14/2015	05/22/2017
0500-00005-V13	01/08/2015	05/22/2017

PERMIT	ISSUE DATE	EFFECTIVE EXPIRATION DATE
0500-00005-V12	04/17/2014	05/22/2017
0500-00005-V11	08/29/2013	05/22/2017
0500-00005-V10	02/27/2013	05/22/2017
0500-00005-V9	02/11/2013	05/22/2017
0500-00005-V8	05/22/2012	05/22/2017
0500-00005-V7	10/12/2010	12/16/2010

The Respondent entered into a Settlement Agreement, Settlement Tracking No. SA-MM-10-0090 (the Settlement), with the Department on January 31, 2012. The terms and conditions of the Settlement Agreement are applicable to the following affiliated Limited Partnership and Limited Liability Companies: Calumet Lubricants Co, LP-Cotton Valley Refinery (Agency Interest No. 312), Calumet Lubricants Co., LP-Princeton Refinery (Agency Interest No. 1224), and Calumet Shreveport Lubricants & Waxes, LLC-Shreveport Refinery (Agency Interest No. 1214). The Respondent agreed to undertake installation of air pollution control equipment and enhancements to air pollution control management practices at the three facilities to reduce air emissions.

II.

On or about February 20-24, 2017, and December 20, 2017, the Department conducted file reviews 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 III-XIV of the Findings of Fact portion of this enforcement action.

III.

The Respondent reported the following unauthorized release:

REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	POLLUTANTS RELEASED	QUANTITY REPORTED (unit)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
Unauthorized Discharge Notification Report for Incident 166471 (10/02/2015)	0500-00005-V14	EQT 0202 Flare No. 2	09/30/2015-10/01/2015 (25 hours)	SO ₂	580 lbs	Two instrument wires were labeled improperly. The incorrect wire was pulled during a maintenance which caused the #2 SRU to trip.	LAC 33:III.905.A

The unauthorized release of emissions is a violation of any applicable permit and associated requirement(s) listed above, La. R.S. 30:2057(A)(1), and 30:2057(A)(2).

IV.

The Respondent reported the following violations from permitted operating parameters:

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	OPERATING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
A.	2014 2 nd Semiannual Monitoring Report (02/26/2015)	0500-00005- V12	EQT 0289 No. 12 Steam Boiler	08/22/2014 (3.42 hours)	Interim limit: NO _x ≤ 33 ppm 3-hr rolling average	Low flow condition during prep for shutdown resulted in NH ₃ injection system being auto shut down; actual NO _x concentration not reported	Specific Requirement 196
B.	2014 2 nd Semiannual Monitoring Report (02/26/2015)	0500-00005- V12	EQT 0289 No. 12 Steam Boiler	09/12/2014 (10.4 hours)	Interim limit: NO _x ≤ 33 ppm 3-hr rolling average	Upset in firing conditions, change in gas BTU and firing rate caused imbalance in NO _x control system; actual NO _x concentration- 104 ppm	Specific Requirement 196
C.	2015 2 nd Semiannual Monitoring Report (03/24/2016)	0500-00005- V13	EQT 0289 No. 11 Steam Boiler	08/09/2015 (6.17 hours)	Interim limit: NO _x ≤ 33 ppm 3-hr rolling average	Boiler tripped; actual NO _x concentration-84.5 ppm	Specific Requirement 261
D.	2015 2 nd Semiannual Monitoring Report (03/24/2016)	0500-00005- V13	EQT 0289 No. 11 Steam Boiler	08/25/2015 (2.73 hours)	Interim limit: NO _x ≤ 33 ppm 3-hr rolling average	Issues with the boiler fuel gas regulator; actual NO _x concentration- 48.5 ppm	Specific Requirement 261
E.	2016 1 st Semiannual Monitoring Report (09/30/2016)	0500-00005- V14	EQT 0290 Boiler No. 12 (CRG 0015 Steam Boilers)	01/10/2016 (0.5 hour)	Interim limit: NO _x ≤ 33 ppm 3-hr rolling average	Unknown cause; actual NO _x concentration-20.6 ppm	Specific Requirement 394
F.	2016 1 st Semiannual Monitoring Report (09/30/2016)	0500-00005- V14	EQT 0289 Boiler No. 11 (CRG 0015 Steam Boilers)	01/15/2016- 01/19/2016 (102.72 hours)	Interim limit: NO _x ≤ 33 ppm 3-hr rolling average	The boiler tripped when the MEK feed heater wax exchanger leaked causing wax to plug the boiler feed water lines; actual NO _x concentration- 68.9 ppm	Specific Requirement 394
G.	2016 1 st Semiannual Monitoring Report (09/30/2016)	0500-00005- V14	EQT 0290 Boiler No. 12 (CRG 0015 Steam Boilers)	01/17/2016- 01/20/2016 (72.13 hours)	Interim limit: NO _x ≤ 33 ppm 3-hr rolling average	Low water cut off due to malfunction on water level shutdown switches; actual NO _x concentration-49.0 ppm	Specific Requirement 394
H.	2016 1 st Semiannual Monitoring Report (09/30/2016)	0500-00005- V14	EQT 0290 Boiler No. 12 (CRG 0015 Steam Boilers)	01/26/2016 (2.65 hours)	Interim limit: NO _x ≤ 33 ppm 3-hr rolling average	Refinery exceeded 3 hr rolling average; cause and actual NO _x concentration not reported	Specific Requirement 394
I.	2016 1 st Semiannual Monitoring Report	0500-00005- V14	EQT 0289 Boiler No. 11 (CRG 0015 Steam	06/04/2016 (0.17 hour)	Interim limit: NO _x ≤ 33 ppm 3-hr rolling average	Low water level trip; actual NO _x concentration-20.2 ppm	Specific Requirement 394

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	OPERATING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	(09/30/2016)		Boilers)				
J.	2016 1 st Semiannual Monitoring Report (09/30/2016)	0500-00005-V14	EQT 0290 Boiler No. 12 (CRG 0015 Steam Boilers)	06/09/2016 (7.28 hours)	Interim limit: NO _x ≤ 33 ppm 3-hr rolling average	Low ammonia flow; actual NO _x concentration--56.6 ppm	Specific Requirement 394

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).

V.

The Respondent reported the following violations from monitoring requirements:

REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	MONITORING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
2015 1 st Semiannual Monitoring Report (09/15/2015)	0500-00005-V13	EQT 0079 Internal Floating Roof Storage Tank T-147	04/01/2015-06/30/2015	Visually inspect the internal floating roof, the seal, gaskets, slotted membranes, and sleeve seals (if any) each time the storage vessel is emptied and degassed, and at least once every 10 years after the compliance date	Failed to perform and document detailed 10 year tank inspections	40 CFR 60.120(a)(2)(ii) Specific Requirement 13
2015 2 nd Semiannual Monitoring Report (03/24/2016)		EQT 0081 Internal Floating Roof Storage Tank T-149	07/01/2015-12/31/2015			
2016 1 st Semiannual Monitoring Report (09/30/2016)		EQT 0116 Internal Floating Roof Storage Tank T-182	01/01/2016-04/20/2016			

The Respondent requested an extension for completion of action items related to the Title V Permit Audit Requirements, specifically the internal floating roof tank inspections, dated July 13, 2015. The new proposed completion date was December 31, 2016. According to the corrective actions included in the 2016 1st Semiannual Monitoring Report dated September 30, 2016, EQT 0079 and EQT 0081 were taken out of service and inspected on April 6, 2016; EQT 0116 was taken out of service April 20, 2016. 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).

VI.

The Respondent reported the following emission exceedances:

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED (unit)	REPORTED CAUSE
A.	2014 1 st Semiannual Monitoring Report (07/16/2014)	0500-00005- V11	CRG 0005 Refinery Heaters and Boilers	01/30/2014 (1 hour)	SO ₂ (various)	Not reported	High H ₂ S in fuel system caused by the loss of refinery boiler
B.	2014 1 st Semiannual Monitoring Report (07/16/2014)	0500-00005- V11	CRG 0005 Refinery Heaters and Boilers	01/31/2014 (1 hour)	SO ₂ (various)	Not reported	Loss of scrubbing from amine fuel gas absorbers
C.	2014 1 st Semiannual Monitoring Report (07/16/2014)	0500-00005- V11	CRG 0005 Refinery Heaters and Boilers	02/12/2014 (1 hour)	SO ₂ (various)	Not reported	Loss of No. 2 Hydrogen Plant caused imbalance in fuel system
D.	2014 1 st Semiannual Monitoring Report (07/16/2014)	0500-00005- V11	EQT 0019 Naphtha Unifiner Charge Heater	02/26/2014 (1.5 hours)	SO ₂ (1.08 max lb/hr)	Not reported	High H ₂ S in fuel system
		EQT 0020 Naphtha Unifiner Reboiler Heater	SO ₂ (0.45 max lb/hr)		Not reported		
		EQT 0021 No. 1 Platformer Intermediate Heater	SO ₂ (1.05 max lb/hr)		Not reported		
		EQT 0031 No. 4 Crude Unit Charge Heater	SO ₂ (2.56 max lb/hr)		Not reported		
		EQT 0195 Hydrotreater Charge Heater	SO ₂ (0.32 max lb/hr)		Not reported		
		EQT 0204 DDD Reactor Charge Heater	SO ₂ (1.14 max lb/hr)		Not reported		
		EQT 0232 Diesel Hydrotreater 92-H-100 Reactor Charge Heater	SO ₂ (0.89 max lb/hr)		Not reported		
E.	2014 1 st Semiannual Monitoring Report (07/16/2014)	0500-00005- V11/12	EQT 0202 Main Refinery Flare (No. 2 Flare)	01/01/2014- 06/30/2014 (intermittent)	SO ₂ (0.01 max lb/hr)	Not reported	Not reported
F.	2014 1 st Semiannual Monitoring Report (07/16/2014)	0500-00005- V11/12	EQT 0016 Flare No. 3	01/01/2014- 06/30/2014 (intermittent)	SO ₂ (0.01 max lb/hr)	Not reported	Not reported
G.	2014 2 nd Semiannual Monitoring Report (02/26/2015)	0500-00005- V12	CRG 0005 Refinery Heaters and Boilers	07/01/2014 (3.5 hours)	SO ₂ (various)	244 lbs	Trip of No. 3 SRU

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED (unit)	REPORTED CAUSE
H.	2014 2 nd Semiannual Monitoring Report (02/26/2015)	0500-00005- V12	EQT 0283 SRU Wet Gas Scrubber	09/15/2014- 09/16/2014 (4.67 hours)	SO ₂ (165.49 max lb/hr)	7 lbs	Switching of SRU feeds and loss of caustic circulation in tower
I.	2014 2 nd Semiannual Monitoring Report (02/26/2015)	0500-00005- V12	EQT 0283 SRU Wet Gas Scrubber	10/23/2014- 10/24/2014 (10.25 hours)	SO ₂ (165.49 max lb/hr)	24 lbs	Air demand analyzer on No. 3 SRU was erratic causing carryover to Dynawave and high emissions.
J.	2014 2 nd Semiannual Monitoring Report (02/26/2015)	0500-00005- V12	EQT 0202 Main Refinery Flare (No. 2 Flare)	01/01/2014- 06/30/2014 (intermittent)	SO ₂ (0.01 max lb/hr)	Not reported	Not reported
K.	2014 2 nd Semiannual Monitoring Report (02/26/2015)	0500-00005- V12	EQT 0016 Flare No. 3	01/01/2014- 06/30/2014 (intermittent)	SO ₂ (0.01 max lb/hr)	Not reported	Not reported
L.	2015 1 st Semiannual Monitoring Report (09/15/2015)	0500-00005- V13	CRG 0005 Refinery Heaters and Boilers	02/17/2015 (7.5 hours)	SO ₂ (various)	1416 lbs	Refinery exceeded 3-hr 162 ppm limit for H ₂ S in fuel system during trip of No. 2 SRU.
M.	2016 1 st Semiannual Monitoring Report (09/30/2016)	0500-00005- V14	EQT 0016 Flare No. 3	02/23/2016 (23.83 hours)	SO ₂ (1.71 max lb/hr)	150.68 lbs	No. 3 TOX tripped on high temperature excursion and flame scanner failure. No. 3 SRU tripped on high pressure built up from the TOX trip. Excess hydrocarbon was found in SWS units.
N.	2016 1 st Semiannual Monitoring Report (09/30/2016)	0500-00005- V14	EQT 0202 Main Refinery Flare (No. 2 Flare)	02/23/2016 (23.83 hours)	SO ₂ (1.71 max lb/hr)	598.34 lbs	No. 3 TOX tripped on high temperature excursion and flame scanner failure. No. 3 SRU tripped on high pressure built up from the TOX trip. Excess hydrocarbon was found in SWS units

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).

VII.

The Respondent failed to meet the following reporting requirements:

REPORT (date)	PERMIT NUMBER	REPORTING REQUIREMENT	DUE DATE	SUBMITTAL DATE	REGULATORY or PERMIT REQUIREMENTS
2015 Annual Compliance Certification (07/14/2016)	0500-00005-V14	Submit the annual compliance certification by March 31 st for the preceding calendar year	March 31, 2016	Postmarked July 18, 2016	LAC 33:III.535, Specific Requirement 513

Failure to meet reporting requirements is a violation of 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).

VIII.

The Respondent was required to retain a contractor to perform a third-party audit of the facility's Leak Detection and Repair (LDAR) program per Paragraph 50 of the Settlement. The LDAR audit was conducted on April 1-4, 2013. The audit findings were reported in Settlement SA-MM-10-0090 Semiannual Progress Report for July 1, 2013 through December 31, 2013 dated January 29, 2014. The audit findings are listed in the table below.

	TITLE V PERMIT NUMBER	EMISSION POINT/UNIT	AUDIT FINDING	REGULATORY or PERMIT REQUIREMENTS	CORRECTIVE ACTIONS	PROPOSED DATE OF COMPLETION
A.	0500-00005-V10	Amine	Fourteen (14) untagged components were identified	40 CFR 60.482-7a	Untagged components that have LDAR applicability have been added to LeakDAS during unit reviews by contractor.	Completed*
B.	0500-00005-V10	Amine	Twenty-two (22) OELs were discovered that were uncontrolled by cap, plug, blind flange, or double block	40 CFR 60.482-6a	The maintenance team has been trained on open-ended lines. All open-ended lines found during the audit have been closed.	Completed*
C.	0500-00005-V10	4-VAC	One (1) instance of an open bucket containing process fluid at a Sample Station	40 CFR 60.482-5a	Sample station will be converted to a closed loop system.	Completed**
D.	0500-00005-V10	Various	Recycled hydrogen lines were not tagged, but recycled hydrogen lines often contain >10% wt VOC	40 CFR 60.481a	The VOC content of the recycled hydrogen and sour water have been reviewed. The hydrogen lines that are low grade purity are being tagged and brought into Leak DAS for all applicable units. Sour water was tested and did not meet/exceed 10% VOC limit.	Completed**
E.	0500-00005-V10	Various	Calumet is currently uncertain whether or not their Sour Water Process lines have LDAR applicability. Sour Water can sometimes contain more than 10 wt% VOC and should be analyzed to verify or disprove LDAR applicability.	40 CFR 60.481a		
F.	0500-00005-V10	Various	Calumet did not appear to control open-ended lines in Heavy Liquid VOC Service.	40 CFR 60.481a 40 CFR 60.482-6a	The maintenance team has been trained on open-ended lines. All open-ended lines found during the audit	Completed*

	TITLE V PERMIT NUMBER	EMISSION POINT/UNIT	AUDIT FINDING	REGULATORY or PERMIT REQUIREMENTS	CORRECTIVE ACTIONS	PROPOSED DATE OF COMPLETION
					have been closed.	
G.	0500-00005-V10	Various	Seven (7) instances of unconfirmed weekly pump visual inspections	40 CFR 60.482-2a	The electronic inspection form has been updated to include indication of weekly pump visual inspection by operators.	Completed*
H.	0500-00005-V10	MEK-REF	Five (5) Difficult to Monitor (DTM) components were found to be Normal to Monitor. [#8516, #8517, #9901, #8762, #10360]	40 CFR 60.482-7a	Components were reclassified as Normal to Monitor in the LDAR database.	Completed*
I.	0500-00005-V10	Various	A review of documentation for 51 DORs indicated 2 instances of insufficient Delay of Repair (DOR) justification on signed DOR forms	40 CFR 60.482-6a	DOR forms have been updated to only allow sufficient justification for a component placed on DOR. Additionally, Leaker Tags have been added to components on DOR that did not have Leaker Tags. All DORs must also be approved by the environmental manager. Finally, the component in question has been verified that it cannot be isolated.	Completed*
J.	0500-00005-V10	Various	Four (4) DOR Leaker tags were found to be missing [#6321, #259, #530, #1267]; One (1) DOR component found that may not require a process unit shutdown for repair [#30184.13]	40 CFR 60.486a		

* as reported in Settlement SA-MM-10-0090 Semiannual Progress Report for July 1, 2013 through December 31, 2013 dated January 29, 2014.

** as reported in Settlement SA-MM-10-0090 Semiannual Progress Report for January 1, 2014 through June 30, 2014 dated July 30, 2014

Each violation associated with the LDAR audit is a violation of the Title V Permit and the regulatory requirements listed above, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(2).

IX.

The Respondent was required to conduct an audit to ensure compliance with the requirement of NSPS, Subpart QQQ per Paragraph 67 of the Settlement within eighteen (18) months of the Effective Date of the Settlement Agreement. The QQQ audit was conducted on June 24, 2013. The audit findings were reported in Settlement SA-MM-10-0090 Semiannual Progress Report for July 1, 2013 through December 31, 2013 dated January 29, 2014. The audit findings are listed in the table below.

	TITLE V PERMIT NUMBER	AUDIT FINDING	REGULATORY or PERMIT REQUIREMENTS	CORRECTIVE ACTIONS*	PROPOSED DATE OF COMPLETION*
A.	0500-00005-V10	Nineteen (19) missing catch basin caps in the following units: Dehexanizer/Depropanizer and Penex	40 CFR 60.692-2(4)	Replace/reinstall caps for all noted catch basins.	12/31/2014-complete

	TITLE V PERMIT NUMBER	AUDIT FINDING	REGULATORY or PERMIT REQUIREMENTS	CORRECTIVE ACTIONS*	PROPOSED DATE OF COMPLETION*
B.	0500-00005-V10	Fourteen (14) junction boxes had insufficient/no seal	40 CFR 60.692-2(b)(2)	Replace/repair lids on referenced junction boxes to provide necessary seal.	12/31/2014-complete
C.	0500-00005-V10	No seal on six (6) process drain boxes in Process Water Stripper and West Rail Unloading area	40 CFR 60.692-2(a)(1)	Install required seal on each box/basin.	12/31/2014-complete
D.	0500-00005-V10	Inadequate inspection recordkeeping to satisfy rule	40 CFR 60.697(b)(1) 40 CFR 60.697(b)(2) 40 CFR 60.697(b)(3) 40 CFR 60.697(c) 40 CFR 60.697(d)	Updated inspection forms and procedures to ensure proper documentation.	12/31/2014-complete
E.	0500-00005-V10	Forty-two (42) drain pans in West Rail Unloading area did not have water seals	40 CFR 60.692-2(a)(1)	Upgrade or retrofit pans to meet water seal requirement.	12/31/2015-complete
F.	0500-00005-V10	Grit Oily Water API Separator and associated sumps did not have required covers with vents and vapor control systems	40 CFR 60.692-3(b)	Install appropriate covers and vapor control on API separators, or upgrade system as necessary to meet rule.	Grit Oily Water API Separator was taken out of service

* as updated in Settlement SA-MM-10-0090 Semiannual Progress Report for July 1, 2016 through December 31, 2016 dated January 26, 2017.

Each violation associated with the QQQ audit is a violation of the Title V Permit and the regulatory requirements listed above, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(2).

X.

The Respondent was required to conduct a Title V Permit audit to ensure compliance with the requirements of the permits per Paragraph 69 of the Settlement. The Title V audit was conducted on August 8, 2013. The audit findings were reported in Settlement SA-MM-10-0090 Semiannual Progress Report for July 1, 2013 through December 31, 2013 dated January 29, 2014. The audit findings are listed in the table below.

	TITLE V PERMIT NUMBER	EMISSION POINT	AUDIT FINDINGS	REGULATORY or PERMIT REQUIREMENTS	CORRECTIVE ACTION	PROPOSED DATE OF COMPLETION
A.	0500-00005-V10	EQT 0016 Flare No. 3 EQT 0202 Flare No. 2	Flares have a permitted SO ₂ emissions rate of 0.01 lb/hr. Potentially, any flaring of H ₂ S containing gas may exceed the SO ₂ limit. The facility has not been reporting this exceedance as a deviation.	LAC 33:III.501.C.4	Submit permit application with representative SO ₂ emission rates. Until permit with corrected SO ₂ rates is issued, report any emissions exceedances as required.	01/31/2014-complete* Permit modification application submitted 01/28/2014. SO ₂ permit limit increased to 1.71 max lb/hr in Title V Permit No. 0500-00005-V13 issued on 01/08/2015.
B.	0500-00005-V10	EQT 0229 Neutralization Pump	The sump was not permitted to emit VOC although the sump manages process water containing VOC.	LAC 33:III.501.C.2	Submit permit application with representative VOC emission rates. Until permit with corrected VOC rates is issued, report any emissions exceedances as required.	01/31/2014-complete*

	TITLE V PERMIT NUMBER	EMISSION POINT	AUDIT FINDINGS	REGULATORY or PERMIT REQUIREMENTS	CORRECTIVE ACTION	PROPOSED DATE OF COMPLETION
C.	0500-00005-V10	EQT 0195 Hydrotreater Charge Heater EQT 0197 Hydrotreater Vacuum Distillation Heater	The heater operations exceeded the maximum permitted hourly firing rates.	LAC 33:III.501.C.4	Submit permit application with representative heater firing rates. Until permit with corrected firing rates is issued, report any emissions exceedances as required.	01/31/2014-complete*
D.	0500-00005-V10	UNF 0001 Facility	The facility has multiple emissions monitors and fuel gas H ₂ S analyzers; however this data is not used to calculate annual emissions inventories and to verify compliance with maximum hourly emissions rates.	LAC 33:III.501.C.11, LAC 33:III.919.G	Revise continuous monitor and fuel gas analyzer data collection spreadsheets to calculate the following: 1) Maximum hourly rates for comparison to permit levels and 2) Annual emissions rates	10/31/2013-complete*
E.	0500-00005-V10	EQT 0018 No. 6 Steam Boiler EQT 0289 No. 12 Steam Boiler	The boilers #6 and #12 were not equipped with a NOx monitor as required by NSPS Subpart Db. As of 2013, #12 boiler has had a NOx monitor installed. The facility did not submit NSPS Db excess emission reports.	40 CFR 60.48b(b)(1), 40 CFR 60.49b(h), Specific Requirement 180	Submit NSPS Db excess emission reports. As Boiler #6 has been removed from the facility, the boiler is to be deleted from the permit. Boiler #12 has had a NOx analyzer installed in 2013 and thus, is now in compliance with the monitoring requirement.	01/31/2014-complete*
F.	0500-00005-V10	EQT 0289 No. 12 Steam Boiler	The initial startup notification for Boiler #12 did not include all of the required information (i.e. heater firing rate and actual startup date)	40 CFR 60.49b(a), Specific Requirement 181	Facility to submit required information to LDEQ.	10/23/2013-complete*
G.	0500-00005-V10	EQT 0016 Flare No. 3 EQT 0202 Flare No. 2	Flare performance test was not completed as required in the permit.	40 CFR 60.8(a), 40 CFR 63.7(a)	Complete flare performance test and submit to LDEQ any required reports and notifications.	Test protocol dated 04/22/2014 Test conducted 05/21/2014 Test results dated 06/27/2014
H.	0500-00005-V10	UNF 0001 Facility	Facility did not have an SSM Plan, nor does the facility submit semiannual SSM reports as required. Facility did not have records to show compliance with SSM Plan (dates, duration, and actions taken during SSM).	40 CFR 63.6(e)(3)(i) 40 CFR 63.10(d)(5)(i)	Develop SSM Plan. Retain SSM records to demonstrate compliance and submit SSM reports.	10/31/2014-complete*

	TITLE V PERMIT NUMBER	EMISSION POINT	AUDIT FINDINGS	REGULATORY or PERMIT REQUIREMENTS	CORRECTIVE ACTION	PROPOSED DATE OF COMPLETION
I.	0500-00005-V10	CRG 008 CRG 009 EQT 0157, EQT 163, EQT 164	Facility did not comply with the following: 1) submit periodic semiannual Subpart CC report when there were instances of failed tank inspections 2) submit 30-day notifications prior to performing External Floating Roof (EFR) tank secondary gap inspections 3) perform and document detailed 10 year tank inspections; 4) document completion of tank repairs as required due to failed tank inspections	40 CFR 63.655(g)(3)(i)(C), 40 CFR 63.655(h)(2)(C)(ii), 40 CFR 63.655(g)(3)(i)(C)(2)	Complete the following: 1) Submit Subpart CC Periodic Report as required, 2) Submit 30-day notifications for EFR tank inspections, 3) Schedule and complete 10-year tank inspections within 18 months of issuance of this audit report, 4) Develop recordkeeping forms to properly document tank repairs, 5) Submit 30-day notifications for EFR tank refills	Complete*
J.	0500-00005-V10	UNF 0001 Facility	OMM Plan was not prepared, submitted, or implemented by the facility as required.	40 CFR 63.1568(a)(3), 40 CFR 63.1568(b)(6)	Develop OMM Plan. Demonstrate compliance with OMM Plan by retaining required records.	An OMM plan has been completed and is under review. It will be submitted to the agency once finalized.*
K.	0500-00005-V10	UNF 0001 Facility	Facility did not submit initial Subpart UUU notification or Subpart UUU semiannual reports. Facility did not retain Subpart UUU related records.	40 CFR 63.1575(b)(4), 40 CFR 63.1576(a)(1)-(a)(3)	Evaluate applicable Subpart UUU requirements. Develop Subpart UUU compliance plan. Submit Subpart report and retain required records to demonstrate compliance.	07/31/2014*
L.	0500-00005-V10	UNF 0001 Facility	Facility did not demonstrate initial and continuous compliance with the semi regenerative CRU HCl emission limitation. Facility did not submit performance test related report or notifications related to CRU compliance by April 11, 2005.	40 CFR 63.1563(b)	Identify applicable emission limitations, monitoring, and control efficiencies. Schedule and complete any performance tests. Submit required notification and reports.	A source test was performed on 01/27/2016. A copy of the test results was submitted to LDEQ on 02/25/2016.*

*As reported in the updated included as part of the Settlement SA-MM-10-0090 Semiannual Progress Report for July 1, 2016 through December 31, 2016 dated January 26, 2017.

Each violation associated with the Title V Permit audit is a violation of the Title V Permit and the regulatory and/or permit requirements listed above, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(2).

XI.

The Respondent was required to retain a contractor to perform a third-party audit of the facility's Leak Detection and Repair (LDAR) program per Paragraph 50 of the Settlement. The LDAR audit was conducted on February 8-11, 2016. The audit findings were reported in Settlement SA-MM-10-0090 Semiannual Progress Report for January 1, 2016 through June 30, 2016 dated July 28, 2016. During the

audit, three (3) open-ended valves or lines, two (2) in the PENEX and one (1) in NAP-UNI, were discovered. Each instance of an open-ended valve or line is a violation of Title V Permit No. 0500-00005-V14, 40 CFR 60.482-6a, and La. R.S. 30:2057(A)(2).

XII.

On or about February 23, 2016, the Respondent was contacted by phone to investigate the unauthorized discharge [Department Incident No. 168874] that occurred on the same day at the facility. According to facility personnel, the facility lost the Sulfur Recovery Unit (SRU) and could not get the backup SRU on, which caused acid gas to route to Flare #3 (EQT 0016). According to an email dated March 1, 2016 sent to the Department's inspector, a total of approximately 814.49 lbs of sulfur dioxide was released from Flare #2 (EQT 0202), Flare #3(EQT 0016), Dynawave (EQT 0283), and Fuel Gas for Refinery Heaters and Boilers during this incident.

EMISSION POINT	POLLUTANT	QUANTITY RELEASED	PERMIT LIMIT	MINUTES
Dynawave EQT 0283	SO ₂	62.03 lbs	165.49 max lb/hr	0
Fuel Gas	SO ₂	3.43 lbs	NA	0
Flare #2 EQT 0202	SO ₂	150.68 lbs	1.71 max lb/hr	130
Flare #3 EQT 0016	SO ₂	598.34 lbs	1.71 max lb/hr	130

In the Root Cause Analysis Report dated April 4, 2016, the Respondent reported the following possible root cause findings: 1) faulty ignitor on #2 TOX prevented unit restart; 2) oil sent from degassing drum to SWS; and 3) hydrocarbon carryover from Penex to Sulfur Recovery Unit. The Respondent failed to submit a written report for the unauthorized discharge within seven (7) days after the expiration of time allowed for notification. This is a violation of LAC 33:I.3925.A and LAC 33:III.927.A. Each exceedance of the SO₂ permit limits for EQT 0016 and EQT 0202 is a violation of Title V Permit No. 0500-00005-V14, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(1) and 30:2057(A)(2). In correspondence dated March 17, 2017, the Respondent submitted corrected information for duration and quantity released during the incident.

XIII.

On or about March 22-24, 2016, the Department conducted a compliance audit for the Chemical Accident Prevention Provisions (CAPP) set forth in 40 CFR Part 68 at the facility. The audit was

conducted 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 complete, the following violations were noted during the course of the inspection:

- A. During the course of the inspection, the inspector noted the Respondent failed to perform inspections on process equipment. Specifically, the Respondent did not have an inspection history for vessel 58-FT-11. Failure to perform inspections for the process equipment is a violation of 40 CFR 68.73(d), which language has been incorporated by reference as Louisiana regulation LAC 33:III.5901.A, Specific Requirement 456 of Title V Permit No. 0500-00005-V14, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(2).
- B. During the course of the inspection, the inspector noted the Respondent failed to establish written procedures for the testing of covered instruments. The Respondent does not have a written procedure for conducting the required functional testing of the heater shutdown loops for the hand emergency shutdown system. Failure to establish written procedures for the testing of covered instruments is a violation of 40 CFR 68.73(b), which language has been incorporated by reference as Louisiana regulation LAC 33:III.5901.A, Specific Requirement 453 of Title V Permit No. 0500-00005-V14, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(2).

The Department issued a Warning Letter, Enforcement Tracking No. AE-L-16-00532, dated July 22, 2016, to inform the Respondent of the areas of concern noted during the compliance audit. The Respondent submitted responses, emails, to the Warning Letter dated August 19, 2016 and August 22, 2016, providing additional information and/or outlining the corrective actions taken in response to the areas of concern. To address Findings of Fact Paragraph XIII.A, an inspection of vessel 58-FT-11 was conducted on April 1, 2016. The facility's inspection group performed an internal and external inspection on the West Kerosene/Jet Coalescer. To address Findings of Fact Paragraph XIII.B, the facility revised the following work procedures: 14-W-0067, Temperature Transmitter; 14-W-0059, Pressure Transmitter PM; and 14-W-0048, Flow Transmitter PM Procedure.

XIV.

In the 2016 First Semiannual Monitoring Report dated September 30, 2016, and correspondence dated January 3, 2017, the Respondent reported deviating from permitted operating parameters for the West Truck Dock Thermal Oxidizer (TRT 0002); specifically, TRT 0002 was operating below the required temperature which is an indication of destruction efficiency. Following an internal review of operating parameters, the Respondent discovered TRT 0002 operated below 1200°F to 1500°F since

approximately 2011. Operating temperatures were approximately between 400°F to 600°F. In correspondence dated March 17, 2017, the Respondent provided the following supplemental information for the VOC emission exceedances:

YEAR	EFFECTIVE TITLE V PERMIT	RACK THROUGHPUT [1000 gal/hr]	VOC-BEFORE CONTROL [T/yr]	VOC-AFTER 80% CONTROL [T/yr]	VOC PERMIT LIMIT [T/yr]	EXCESS EMISSIONS AT 80% CONTROL [T/yr]
2011	0500-00005-V7	80,552.5	201.38	40.25	6.30	33.98
2012	0500-00005- V7/V8	74,154.8	185.39	37.08	*	21.53
2013	0500-00005- V8/V9/V10/V11	120,693.4	301.73	60.35	9.25	51.10
2014	0500-00005- V11/V12	123,255.0	308.14	61.63	9.25	52.38
2015	0500-00005- V13/V14	182,474.2	456.19	91.24	9.25	81.99

* March 17, 2017 correspondence-The annual VOC limit for emission point TRT was changed from 6.30 T/yr to 9.25 T/yr effective 05/22/12 (permit 0500-00005-V8), so excess emissions for 2012 were estimated by assuming a constant daily throughput over the course of the year.

Each exceedance of permitted limits is a violation the applicable permit(s) listed above, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(1) and 30:2057(A)(2). The Respondent exceeded the VOC limits established for the Thermal Oxidizer under 40 CFR 63.422(b) which states, "Emissions to the atmosphere from the vapor collection and processing systems due to the loading of gasoline cargo tanks shall not exceed 10 milligrams of total organic compounds per liter of gasoline loaded." Each exceedance of the established VOC limits is a violation of the applicable permit(s) listed above, 40 CFR 63.422(b), LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(1) and 30:2057(A)(2).

XV.

The Respondent reported the following deviations:

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	OPERATING PARAMETER	REPORTED CAUSE
A.	2013 2 nd Semiannual Monitoring Report (02/20/2014)	0500-00005- V10	CRG 0005 Refinery Heater and/or Boilers	07/27/2013 (13.5 hours)	Fuel gas: Hydrogen sulfide ≤ 0.1 gr/dscf (230 mg/dscm)	Refinery power failure
B.	2014 2 nd Semiannual Monitoring Report (02/26/2015)	0500-00005- V12	EQT 0283 SRU-Wet Gas Scrubber	09/05/2014- 09/07/2014 (37.08 hours)	Sulfur dioxide ≤ 250 ppm	Refinery power outage
C.	2015 1 st Semiannual Monitoring Report (09/15/2015)	0500-00005- V13	EQT 0283 SRU-Wet Gas Scrubber	04/19/2015 (6 hours)	Sulfur dioxide ≤ 250 ppm	Refinery power outage

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	OPERATING PARAMETER	REPORTED CAUSE
D.	2016 1st Semiannual Monitoring Report (09/30/2016)	0500-00005- V14	EQT 0289 Boiler No. 11 EQT 0290 Boiler No. 12 (CRG 0015 Steam Boilers)	01/04/2016- 01/06/2016 (39.35 hours)	Interim limit: NOx < 33 ppm 3-hr rolling average	North and south ammonia pumps lost flow due to plugging with trash and ice.

XVI.

The Respondent reported the following deviations:

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	POLLUTANTS RELEASED (permit limits)	QUANTITY REPORTED	REPORTED CAUSE
A.	2014 2 nd Semiannual Monitoring Report (02/26/2015)	0500-00005- V12	EQT 0283 SRU Wet Gas Scrubber	09/05/2014- 09/07/2014 (37.08 hours)	SO ₂ (165.49 max lb/hr)	142.8 lbs	Refinery power outage
B.	2015 1 st Semiannual Monitoring Report (09/15/2015)	0500-00005- V13	EQT 0031 No. 4 Crude Unit Charge Heater	04/19/2015 (1hr)	SO ₂ (2.56 max lb/hr)	Not reported	Plant-wide power failure
C.	2015 1 st Semiannual Monitoring Report (09/15/2015)	0500-00005- V13	EQT 0038 MEK Dewaxing Unit	04/19/2015 (1hr)	SO ₂ (1.02 max lb/hr)	Not reported	Plant-wide power failure
D.	2015 1 st Semiannual Monitoring Report (09/15/2015)	0500-00005- V13	EQT 0195 Hydrotreater Charge Heater	04/19/2015 (1hr)	SO ₂ (0.38 max lb/hr)	Not reported	Plant-wide power failure
E.	2015 1 st Semiannual Monitoring Report (09/15/2015)	0500-00005- V13	EQT 0283 SRU Wet Gas Scrubber	04/19/2015 (6.12 hours)	SO ₂ (165.49 max lb/hr)	212.61 lbs	Refinery power outage

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**, a written report identifying the actual NOx concentration and/or cause(s) for the violations cited in Paragraph IV.A and H 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**, a written report identifying the specific emission sources, pollutant(s), maximum hourly permitted limits and quantities for the Refinery Heaters and Boilers (CRG 0005) which exceeded the permit limits as cited in Paragraph VI.A-C, M, and R of the **FINDINGS OF FACT** portion of this action.

IV.

To submit to the Enforcement Division, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, a written report identifying the quantities and/or the reported cause for the emissions exceedances cited in Paragraph VI.D-L, and P-Q of the **FINDINGS OF FACT** portion of this action.

V.

To submit to the Air Permit Division, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, an Operations, Maintenance, and Monitoring (OMM) Plan for approval in accordance with 40 CFR 63.1574(f)(1). The Respondent shall submit a copy of the cover letter to the Enforcement Division. If the OMM Plan is not complete, the Respondent shall submit a written status update to the Enforcement Division.

VI.

To submit to the Enforcement Division, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, the written report for the February 23, 2016 unauthorized discharge incident, as cited in Paragraph XII of the **FINDINGS OF FACT** portion of this action. The report shall include all of the reporting requirements as outlined in LAC 33:I.3925.B.

VII.

To submit to the Enforcement Division, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, a written report listing the concentration exceedance in milligrams per liter for the VOC exceedances cited in Paragraph XIV of the **FINDINGS OF FACT** port of this action. The report shall also include a compliance determination for the 80 milligrams per liter VOC standard as described in LAC 33:III.2135.B.2 and the effective Title V Permits during the time of the violation(s).

VIII.

To submit to the Air Permits Division, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, revised Annual Criteria Emissions Inventories and corresponding certification statements for the reporting periods identified in Paragraph XIV of the **FINDINGS OF FACT** portion of this action. The Respondent shall submit a copy of the certification statements to the Enforcement Division.

IX.

To submit to the Enforcement Division, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, a written report that shall include, but is not limited to, the following information related to Paragraphs XV.A-C and XVI of the **FINDINGS OF FACT** portion of this action: 1) a description of how power is provided to the facility; 2) if power is provided by a third party, provide a description of the notification procedure for the outages; 3) a description of the standard operating procedure (SOP) for power outages, e.g. backup equipment; and 4) a description of the SOP for maintenance work.

X.

To submit to the Enforcement Division, within thirty (30) days after receipt of this **COMPLIANCE ORDER**, a written report that shall include, but is not limited to, the following information related to Paragraph XV.D of the **FINDINGS OF FACT** portion of this action: 1) a summary of the preventative maintenance plan for the north and south ammonia pumps; 2) the facility's definition of "trash" e.g. of ice related residue, natural debris; and 3) a description of the standard operating procedure (SOP) for ammonia flow issues.

XI.

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-16-00432
Agency Interest No. 1214

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-16-00432
Agency Interest No. 1214

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 Department's Rules of Procedure. 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 2nd day of February, 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-16-00432	Contact Name	Antoinette Cobb
Agency Interest (AI) No.	1214	Contact Phone No.	(225) 219-3072
Alternate ID No.	0500-00005		
Respondent:	Calumet Shreveport Lubricants & Waxes, LLC	Facility Name:	Shreveport Refinery
	c/o C T Corporation System	Physical Location:	3333 Midway Avenue
	Agent for Service of Process		
	3867 Plaza Tower Drive	City, State, Zip:	Shreveport, LA 71109
Baton Rouge, LA 70816	Parish:	Caddo	

STATEMENT OF COMPLIANCE

STATEMENT OF COMPLIANCE	Date Completed	Copy Attached?
A written report was submitted in accordance with Paragraph XI 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-X 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 33:1.Subpart1.Chapter7.
<input type="checkbox"/>	In order to resolve any claim for civil penalties for the violations in NOTICE OF POTENTIAL PENALTY (AE-CN-16-0432), 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-16-0432), 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-16-0432) and has attached a justification of its offer and a description of any BEPs if included in settlement offer.

CERTIFICATION STATEMENT

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.

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

JOHN BEL EDWARDS
GOVERNOR



CHUCK CARR BROWN, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF ENVIRONMENTAL COMPLIANCE

August 7, 2018

CERTIFIED MAIL (7004 2510 0005 5763 0553)
RETURN RECEIPT REQUESTED

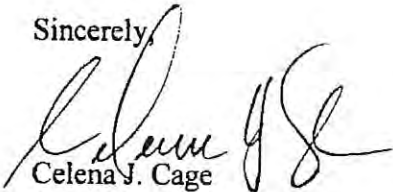
CALUMET SHREVEPORT REFINING, LLC
c/o C T Corporation System
Agent for Service of Process
3867 Plaza Tower Drive
Baton Rouge, Louisiana 70816

**RE: AMENDED CONSOLIDATED COMPLIANCE ORDER &
NOTICE OF POTENTIAL PENALTY
ENFORCEMENT TRACKING NO. AE-CN-16-00432A
AGENCY INTEREST NO. 1214**

Dear Sir:

Pursuant to the Louisiana Environmental Quality Act (La. R.S. 30:2001, et seq.), the attached **AMENDED CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY** is hereby served on **CALUMET SHREVEPORT REFINING, LLC (RESPONDENT)** for the violations described therein.

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. 0500-00005
Attachment



c: Calumet Shreveport Refining, LLC
c/o Mr. Arthur Loudon, Plant Manager
Post Office Box 3099
Shreveport, Louisiana 71133

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

IN THE MATTER OF	*	
	*	
CALUMET SHREVEPORT REFINING, LLC	*	ENFORCEMENT TRACKING NO.
CADDO PARISH	*	
ALT ID NO. 0500-00005	*	AE-CN-16-00432A
	*	
	*	AGENCY INTEREST NO.
	*	
PROCEEDINGS UNDER THE LOUISIANA	*	1214
ENVIRONMENTAL QUALITY ACT,	*	
La. R.S. 30:2001, ET SEQ.	*	

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

On or about October 5, 2017, the Louisiana Department of Environmental Quality (the Department) received a Notification of Change (NOC-1) Form for the facility. According to the NOC-1, the company name was changed from Calumet Shreveport Lubricants & Waxes, LLC to Calumet Shreveport Refining, LLC effective September 1, 2017. The Department effectively updated the records to reflect the name change on December 5, 2017. The Department hereby amends the **CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY, ENFORCEMENT TRACKING NO. AE-CN-16-00432** issued to **CALUMET SHREVEPORT REFINING, LLC (RESPONDENT)** on February 2, 2018 in the above-captioned matter as follows:

I.

The Department hereby removes Paragraphs IV.E, H, and I of the Findings of Fact in their entirety.

II.

The Department hereby amends Paragraph VI of the Findings of Fact to read as follows:

“VI.

The Respondent reported the following emission exceedances:

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED (unit)	REPORTED CAUSE
A.	2014 1 st Semiannual Monitoring Report (07/16/2014)	0500-00005-V11	EQT 0021 No. 1 Platformer Intermediate Heater	01/31/2014 (1 hour)	SO ₂ (1.05 max lb/hr)	1.33 lb/hr	Loss of scrubbing from amine fuel gas absorbers
			EQT 0031 No. 4 Crude Unit Charge Heater		SO ₂ (2.56 max lb/hr)	2.82 lb/hr	
			EQT 0036 No. 4 Crude Unit Vacuum		SO ₂ (1.88 max lb/hr)	1.99 lb/hr	
			EQT 0195 Hydrotreater Charge Heater		SO ₂ (0.32 max lb/hr)	0.43 lb/hr	
			EQT 0197 Hydrotreater Vacuum Distillation Heater		SO ₂ (0.29 max lb/hr)	0.31 lb/hr	
			EQT 0207 DDD Vacuum Charge Heater		SO ₂ (0.24 max lb/hr)	0.28 lb/hr	
			EQT 0282 Boiler No. 11		SO ₂ (4.10 max lb/hr)	4.74 lb/hr	
			EQT 0038 MEK Dewaxing Unit		SO ₂ (0.97 max lb/hr)	0.99 lb/hr	
B.	2014 1 st Semiannual Monitoring Report (07/16/2014)	0500-00005-V11	EQT 0021 No. 1 Platformer Intermediate Heater	02/12/2014 (1 hour)	SO ₂ (1.05 max lb/hr)	1.11 lb/hr	Loss of No. 2 Hydrogen Plant caused imbalance in fuel system
			EQT 0195 Hydrotreater Charge Heater		SO ₂ (0.32 max lb/hr)	0.33 lb/hr	
			EQT 0204 DDD Reactor Charge Heater		SO ₂ (1.14 max lb/hr)	1.22 lb/hr	
C.	2014 1 st Semiannual Monitoring Report (07/16/2014)	0500-00005-V11	EQT 0019 Naphtha Unifiner Charge Heater	02/26/2014 (1.5 hours)	SO ₂ (1.08 max lb/hr)	Unknown	High H ₂ S in fuel system
			EQT 0020 Naphtha Unifiner Reboiler Heater		SO ₂ (0.45 max lb/hr)	Unknown	
			EQT 0021 No. 1 Platformer Intermediate Heater		SO ₂ (1.05 max lb/hr)	1.36 [12:00] 1.20 [13:00] 1.20	
			EQT 0031 No. 4 Crude Unit Charge Heater		SO ₂ (2.56 max lb/hr)	3.02	
			EQT 0195 Hydrotreater Charge Heater		SO ₂ (0.32 max lb/hr)	0.35	

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE (duration)	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED (unit)	REPORTED CAUSE
			EQT 0204 DDD Reactor Charge Heater		SO ₂ (1.14 max lb/hr)	1.41 [12:00] 1.16 [13:00]	
			EQT 0232 Diesel Hydrotreater 92-H-100 Reactor Charge Heater		SO ₂ (0.89 max lb/hr)	0.96	
D.	2014 1 st Semiannual Monitoring Report (07/16/2014)	0500-00005- V11/12	EQT 0202 Main Refinery Flare (No. 2 Flare)	01/01/2014- 06/30/2014 (intermittent)	SO ₂ (0.01 max lb/hr)	Unknown	Unknown
E.	2014 1 st Semiannual Monitoring Report (07/16/2014)	0500-00005- V11/12	EQT 0016 Flare No. 3	01/01/2014- 06/30/2014 (intermittent)	SO ₂ (0.01 max lb/hr)	Unknown	Unknown
F.	2014 2 nd Semiannual Monitoring Report (02/26/2015)	0500-00005- V12	EQT 0283 SRU Wet Gas Scrubber	09/15/2014- 09/16/2014 (4.67 hours)	SO ₂ (165.49 max lb/hr)	7 lbs	Switching of SRU feeds and loss of caustic circulation in tower
G.	2014 2 nd Semiannual Monitoring Report (02/26/2015)	0500-00005- V12	EQT 0283 SRU Wet Gas Scrubber	10/23/2014- 10/24/2014 (10.25 hours)	SO ₂ (165.49 max lb/hr)	24 lbs	Air demand analyzer on No. 3 SRU was erratic causing carryover to Dynawave and high emissions.
H.	2014 2 nd Semiannual Monitoring Report (02/26/2015)	0500-00005- V12	EQT 0202 Main Refinery Flare (No. 2 Flare)	07/01/2014- 12/31/2014 (intermittent)	SO ₂ (0.01 max lb/hr)	Unknown	Unknown
I.	2014 2 nd Semiannual Monitoring Report (02/26/2015)	0500-00005- V12	EQT 0016 Flare No. 3	07/01/2014- 12/31/2014 (intermittent)	SO ₂ (0.01 max lb/hr)	Unknown	Unknown
J.	2016 1 st Semiannual Monitoring Report (09/30/2016)	0500-00005- V14	EQT 0016 Flare No. 3	02/23/2016 (23.83 hours)	SO ₂ (1.71 max lb/hr)	150.68 lbs	No. 3 TOX tripped on high temperature excursion and flame scanner failure. No. 3 SRU tripped on high pressure built up from the TOX trip. Excess hydrocarbon was found in SWS units.
K.	2016 1 st Semiannual Monitoring Report (09/30/2016)	0500-00005- V14	EQT 0202 Main Refinery Flare (No. 2 Flare)	02/23/2016 (23.83 hours)	SO ₂ (1.71 max lb/hr)	598.34 lbs	No. 3 TOX tripped on high temperature excursion and flame scanner failure. No. 3 SRU tripped on high pressure built up from the TOX trip. Excess hydrocarbon was found in SWS units

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).”

III.

The Department hereby amends Paragraph XII of the Findings of Fact to read as follows:

“XII.

On or about February 23, 2016, the Respondent was contacted by phone to investigate the unauthorized discharge [Department Incident No. 168874] that occurred on the same day at the facility. According to facility personnel, the facility lost the Sulfur Recovery Unit (SRU) and could not get the backup SRU on, which caused acid gas to route to Flare #3 (EQT 0016). According to an email dated March 1, 2016 sent to the Department’s inspector, a total of approximately 814.49 lbs of sulfur dioxide was released from Flare #2 (EQT 0202), Flare #3(EQT 0016), Dynawave (EQT 0283), and Fuel Gas for Refinery Heaters and Boilers during this incident.

EMISSION POINT	POLLUTANT	QUANTITY RELEASED	PERMIT LIMIT	MINUTES
Dynawave EQT 0283	SO ₂	62.03 lbs	165.49 max lb/hr	0
Fuel Gas	SO ₂	3.43 lbs	NA	0
Flare #2 EQT 0202	SO ₂	155 lbs	1.71 max lb/hr	130
Flare #3 EQT 0016	SO ₂	6.04 lbs	1.71 max lb/hr	130

In the Root Cause Analysis Report dated April 4, 2016, the Respondent reported the following possible root cause findings: 1) faulty ignitor on #2 TOX prevented unit restart; 2) oil sent from degassing drum to SWS; and 3) hydrocarbon carryover from Penex to Sulfur Recovery Unit. Each exceedance of the SO₂ permit limits for EQT 0016 and EQT 0202 is a violation of Title V Permit No. 0500-00005-V14, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(1) and 30:2057(A)(2). In correspondence dated March 17, 2017, the Respondent submitted corrected information for duration and quantity released during the incident.”

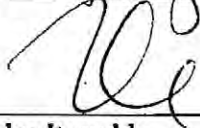
IV.

The Department incorporates all of the remainder of the original **CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY, ENFORCEMENT TRACKING NO. AE-CN-16-00432** and **AGENCY INTEREST NO. 1214** as if reiterated herein.

V.

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

Baton Rouge, Louisiana, this 17th day of August, 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
Post Office Box 4312
Baton Rouge, LA 70821-4312
Attention: Antoinette Cobb