

STATE OF LOUISIANA

DEPARTMENT OF ENVIRONMENTAL QUALITY

<b>IN THE MATTER OF:</b>	*	<b>Settlement Tracking No.</b>
	*	<b>SA-AE-15-0071</b>
<b>MARATHON PETROLEUM COMPANY LP</b>	*	
	*	<b>Enforcement Tracking No.</b>
<b>AI # 3165</b>	*	<b>AE-CN-11-01307</b>
	*	
<b>PROCEEDINGS UNDER THE LOUISIANA</b>	*	
<b>ENVIRONMENTAL QUALITY ACT</b>	*	<b>Docket No. 2014-2918-EQ</b>
<b>LA. R.S. 30:2001, <u>ET SEQ.</u></b>	*	

SETTLEMENT

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

I

Respondent is a partnership that owns and/or operates a refinery facility located in St. John the Baptist Parish, Louisiana (“the Facility”).

II

On January 3, 2013, the Department issued to Marathon Petroleum Company LP a Consolidated Compliance Order & Notice of Potential Penalty, Enforcement No. **AE-CN-11-01307**, which is attached as Exhibit A.

III

In addition to the violations noted in the Consolidated Compliance Order & Notice of Potential Penalty No. AE-CN-11-01307, this Settlement shall resolve all of the Respondent’s liability to the LDEQ for any potential violations or noncompliance disclosed to the Department

in writing or otherwise known to the Department up to and including December 31, 2013.

#### IV

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

#### V

Respondent denies it committed any violations or that it is liable for any fines, forfeitures and/or penalties.

#### VI

Nonetheless, Respondent, without making any admission of liability under state or federal statute or regulation, agrees to pay, and the Department agrees to accept, a payment in the amount of Twenty-Seven Thousand Five Hundred and No/100 Dollars (\$27,500.00) which represents the Department's enforcement costs, in settlement of the claims set forth in this agreement.

#### VII

In addition to the amount specified in Paragraph VI above, and as part of this Settlement, the Respondent, without making any admission of liability under state or federal statute or regulation, agrees to undertake the following Beneficial Environmental Project:

- A. The Respondent shall make a cash payment to the Department in the amount of \$765,000.00 which shall be deposited into an escrow account which shall be administered by the LDEQ and dedicated to purchasing a Mobile Air Monitoring Laboratory (MAML).

#### VIII

Respondent further agrees that the Department may consider the inspection

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

#### IX

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

#### X

This settlement is being made in the interest of settling the state's claims and avoiding for both parties the expense and effort involved in litigation or an adjudicatory hearing. In agreeing to the compromise and settlement, the Department considered the factors for issuing civil penalties set forth in La. R. S. 30:2025(E) of the Act and the rules relating to beneficial environmental projects set forth in LAC 33:I,Chapter 25.

#### XI

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

#### XII

The Respondent has caused a public notice advertisement to be placed in the official

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

### XIII

Payment is to be made within ten (10) days from notice of the Secretary's signature. If payment is not received within that time, this Agreement is voidable at the option of the Department. Payments are to be made by check, payable to the Department of Environmental Quality, and mailed or delivered to the attention of Accountant Administrator, Financial Services Division, Department of Environmental Quality, Post Office Box 4303, Baton Rouge, Louisiana, 70821-4303. Each payment shall be accompanied by a completed Settlement Payment Form (Exhibit B).

### XIV

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

### XV

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

MARATHON PETROLEUM COMPANY LP  
By: MPC Investment LLC, its General Partner

BY: [Signature]  
(Signature)

Gary R. Heminger  
(Printed)

TITLE: President



THUS DONE AND SIGNED in duplicate original before me this 7 day of January, 20 16, at Findlay, OH.

Angela M. Hill  
NOTARY PUBLIC (ID # \_\_\_\_\_)



ANGELA M. HILL  
Notary Public, State of Ohio  
My Commission Expires Sept. 29, 2018

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

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

THUS DONE AND SIGNED in duplicate original before me this 3rd day of May, 20 16, at Baton Rouge, Louisiana.

[Signature]  
NOTARY PUBLIC (ID # 19181)

Perry Theriot  
(stamped or printed)

Approved: [Signature]  
D. Chance McNeely, Assistant Secretary



Jeff Landry  
Attorney General

**State of Louisiana**  
DEPARTMENT OF JUSTICE  
CIVIL DIVISION  
P.O. BOX 94005  
BATON ROUGE  
70804-9005

**RECEIVED**  
APR 25 2016

LA. DEPT. OF ENV. QUALITY  
LEGAL DIVISION

April 21, 2016

Herman Robinson, General Counsel  
La. Department of Environmental Quality  
Legal Division  
P.O. Box 4302  
Baton Rouge, LA 70821-4302

Marathon Petroleum Company LP  
c/o C T Corporation System  
Agent for Service of Process  
5615 Corporate Boulevard, Suite 400B  
Baton Rouge, LA 70808

Re: AG Review of DEQ Settlement;  
Marathon Petroleum Company LP  
Settlement No.: SA-AE-15-0071

Dear Mr. Robinson and Marathon Petroleum Company LP:

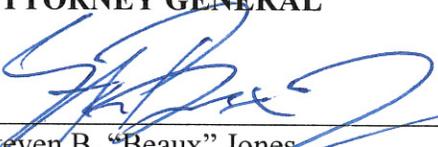
Louisiana Revised Statute 30:2050.7 authorizes the Louisiana Department of Environmental Quality, with the concurrence of the Attorney General, to settle claims for penalties under the Louisiana Environmental Quality Act or the regulations or permit terms and conditions applicable thereto. Specifically, La. R.S. 30:2050.7(E)(2)(a) provides, “[s]ettlements provided for under this Section shall be submitted to the attorney general for his approval or rejection...[a]pproval or rejection by the attorney general shall be in writing with a detailed written reason for rejection.”

Settlement No. SA-AE-15-0071, and the underlying enforcement action, has been submitted to me for approval or rejection as required by law. Pursuant to the authority granted to me by Art. IV, Sec. 8 of the state constitution and R.S. 30:2050.7, I approve the above referenced settlement.

Sincerely,

**JEFF LANDRY**  
**ATTORNEY GENERAL**

By: \_\_\_\_\_

  
Steven B. “Beaux” Jones  
Assistant Attorney General

# SETTLEMENT PAYMENT FORM

Please attach this form to your settlement payment  
and submit to:

Department of Environmental Quality  
Financial Services Division  
P. O. Box 4303  
Baton Rouge, Louisiana 70821-4303  
**Attn:** Accountant Administrator

Payment # \_\_\_\_\_

**Respondent:** Marathon Petroleum Company LP

**Settlement No:** SA-AE-15-0071

**Enforcement Tracking No(s):** AE-CN-11-01307

**Payment Amount:** \$792,500.00

**AI Number:** 3165

**Alternate ID No(s):**

**TEMPO Activity Number:**

**For Official Use Only.  
Do Not write in this Section.**

**Check Number:**

**Check Date:**

**Check Amount:**

**Received Date:**

**PIV Number:**

**PIV Date:**

Stamp "Paid" in the box to the right  
and initial.

Route Completed form to:

Celena Cage, Administrator  
Enforcement Division

And copy Perry Theriot  
Legal Division



**BOBBY JINDAL**  
GOVERNOR

**PEGGY M. HATCH**  
SECRETARY

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

January 3, 2013

**CERTIFIED MAIL (7003 2260 0000 5827 0127)**  
**RETURN RECEIPT REQUESTED**

**MARATHON PETROLEUM COMPANY LP**  
c/o C T Corporation System  
Agent for Service of Process  
5615 Corporate Boulevard  
Suite 400B  
Baton Rouge, Louisiana 70808

**RE: CONSOLIDATED COMPLIANCE ORDER**  
**& NOTICE OF POTENTIAL PENALTY**  
**ENFORCEMENT TRACKING NO. AE-CN-11-01307**  
**AGENCY INTEREST NO. 3165**

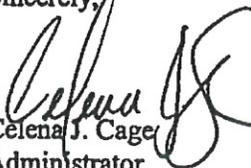
Dear Sir:

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 **MARATHON PETROLEUM COMPANY LP (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 Tonya Landry at (225) 219-3785.

Sincerely,

  
Celena J. Cager  
Administrator  
Enforcement Division



CJC/TBL/tbl  
Alt ID No. 2580-00013  
Attachment

c: Marathon Petroleum Company LP  
c/o Nicole Brien, Environmental Supervisor  
Post Office Box AC  
Garyville, Louisiana 70051

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

**IN THE MATTER OF**

**MARATHON PETROLEUM COMPANY LP  
ST. JOHN THE BAPTIST PARISH  
ALT ID NO. 2580-00013**

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

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**ENFORCEMENT TRACKING NO.**

**AE-CN-11-01307**

**AGENCY INTEREST NO.**

**3165**

**CONSOLIDATED**

**COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY**

The following **CONSOLIDATED COMPLIANCE ORDER & NOTICE OF POTENTIAL PENALTY** is issued to **MARATHON PETROLEUM COMPANY LP (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 a refinery located at or near 4663 West Airline Highway in Garyville, St. John the Baptist Parish, Louisiana. The Facility operates or has operated under the authority of the following Title V Air Permits:

UNIT	PERMIT	ISSUE DATE	EXPIRATION DATE
Coker Unit and Gasoline Desulfurization Unit	2640-V3	8/25/04	10/21/04
	2640-V4	2/22/06	2/22/11
	2640-V5	12/27/06	2/22/11
	2640-V6	10/12/09	2/22/11
Fugitive & Miscellaneous Equipment	2887-V1	7/12/04	6/15/09

UNIT	PERMIT	ISSUE DATE	EXPIRATION DATE
	2887-V2	12/16/05	6/15/09
	2887-V3	12/27/06	6/15/09
	2887-V4	10/26/07	6/15/09
	2887-V5	4/10/08	6/15/09
	2887-V6	11/26/08	6/15/09
	2887-V7	1/6/09	6/15/09
	Storage Tanks	2891-V1	3/14/05
2891-V2		12/20/05	1/3/10
2891-V3		5/31/06	1/3/10
2891-V4		12/27/06	1/3/10
2891-V5		4/25/08	1/3/10
2891-V6		11/26/08	1/3/10
2891-V7		10/19/09	1/3/10
Combustion Sources	2893-V0	8/10/05	8/10/10
	2893-V1	12/16/05	8/10/10
	2893-V2	9/6/06	8/10/10
	2893-V3	12/27/06	8/10/10
	2893-V4	1/30/07	8/10/10
	2893-V5	7/23/07	8/10/10
	2893-V6	10/19/07	8/10/10
	2893-V7	6/20/08	8/10/10
	2893-V8	10/10/08	8/10/10
	2893-V9	1/6/09	8/10/10
	2893-V10	9/21/09	8/10/10
2893-V11	12/16/09	8/10/10	
Louisiana Refining Division	2580-00013-V0	7/8/10	7/8/15
	2580-00013-V1	1/18/11	7/8/15
	2580-00013-V2	3/16/11	7/8/15
	2580-00013-V3	8/17/11	7/8/15
	2580-00013-V4	12/2/11	7/8/15
Garyville Major Expansion Project	3039-V0	12/27/06	12/27/11

UNIT	PERMIT	ISSUE DATE	EXPIRATION DATE
	3039-V1	8/10/07	12/27/11
	3039-V2	12/20/07	12/27/11
	3039-V3	4/22/08	12/27/11
	3039-V4	10/9/08	12/27/11
	3039-V5	8/3/09	12/27/11
	3039-V6	9/29/09	12/27/11
	3039-V7	7/8/10	12/27/11
	3039-V8	11/29/10	12/27/11
	3039-V9	3/16/11	12/27/11
	3039-V10	12/21/11	12/27/11

## II.

The Respondent submitted its Title V Annual Compliance Certification Reports, which did not include all the information to determine the compliance status of the source as required by LAC 33:III.507.H.5.c as referenced by Part 70 General Condition M.

## III.

On or about February 24, 2010, an investigation of an unauthorized discharge which occurred on or about February 22, 2010, at the facility was performed to determine the degree of compliance with the Act and the Air Quality Regulations. While the Department's investigation is not yet complete, the following violations were noted during the course of the investigation:

The Department received an unauthorized discharge notification report from the Respondent dated February 24, 2010. According to the Respondent the following pollutants were released to the atmosphere during this incident:

Compound	Amount Released (lbs)	Permitted Maximum Pounds Per Hour
Highly Reactive VOC	21.5	0.53
VOC	31.7	
H <sub>2</sub> S	6.8	Not permitted
NO <sub>x</sub>	15.0	1.17
SO <sub>2</sub>	2,547.7	0.91
CO	81.4	1.57

According to this report, on February 22, 2010, water from the offline coke drum overhead line was inadvertently sent to the Main Fractionator; vaporized and over pressured the wet gas compressor suction drum which caused the Pressure Control Valve (205-PC-1511-V2) to open to the North Ground Flare (EQT 0282). The duration of the release was eighteen (18) minutes. The Respondent reported that there were no known offsite impacts associated with this incident. Each exceedance of the maximum pounds per hour permit limit for VOC, NO<sub>x</sub>, SO<sub>2</sub>, and CO is a violation of LAC 33:III.501.C.4, Title V Permit No. 3039-V6, LAC 33:III.905, and La. R.S. 30:2057(A)(1) and 30:2057(A)(2). Emissions of an unpermitted pollutant is a violation of LAC 33:III.501.C.2 and La. R.S. 30:2057(A)(1) and 30:2057(A)(2). Additionally, this unauthorized discharge report stated that "All aspects of this incident/upset are currently under investigation. Once the TapRoot ® analysis is completed, all recommendations will be implemented in a timely manner. . . ." The Respondent failed to submit an update, every sixty (60) days until the investigation was complete, of the status of the ongoing investigation of this unauthorized discharge and the results of the investigation that included details of the circumstances including, but not limited to the root cause. Failure to submit updates is a violation of LAC 33:I.3925.A.3 and La. R.S. 30:2057(A)(2).

#### IV.

On or about January 31, 2012, through February 10, 2012, the Department conducted file reviews to determine the Respondent's degree of compliance with the Act, the Air Quality Regulations, and all applicable permits from August 25, 2004, through December 21, 2011. While the review is not complete, the Department noted the violations found in paragraphs V-XI of the Findings of Fact portion of this enforcement action.

#### V.

The Respondent reported the following unauthorized releases:

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
A.	Unauthorized Discharge Notification for Incident 76286 (1/25/2005)	2887-V1	LRD Unit flange gasket	1/19/05	compressed flammable gas	Not permitted	81	A flange gasket was not replaced after maintenance activities due to operator error.	LAC 33:III.905
B.	Unauthorized Discharge Notification for Incident 76432 (1/25/2005)	2893-V0	South Flare EQT 0160	1/25/05	SO <sub>2</sub>	1.32	16	The control logic for the Unit 47 Lean Amine Pump was tripped due to operator error.	LAC 33:III.905

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
C.	Unauthorized Discharge Notification for Incident 79431 (6/2/2005)	2893-VO	North Flare EQT 0162	5/28/05	Butane	Not permitted	914	Regenerate steam was blocked in due to operator error and caused the liquid feed drier to over pressurize.	LAC 33:III.905
					H <sub>2</sub> S	Not permitted	26		
					SO <sub>2</sub>	1.20	49		
D.	Release Notification for Incident 79912 (6/23/2005)	2893-VO	North Flare EQT 0162	6/17/05	SO <sub>2</sub>	1.20	1**	Hydrocarbon carryover from another unit increased unit pressure and caused the preventable release from the sour water stripper. The Respondent reported that this incident was preventable.	LAC 33:III.905
E.	Unauthorized Discharge Notification for Incident 83347 (10/27/05)	2893-VO	North Flare EQT 0162	10/21/05	SO <sub>2</sub>	1.20	6,623	The Delayed Coker Unit's Drums 1 and 2 overpressured led to the Blowdown System and Wet Gas compressor relieving to the flare. The Respondent did not follow the procedure to reduce the charge rate.	LAC 33:III.905
					H <sub>2</sub> S	Not permitted	18		
					HRVOC	VOC (7.90)	29		
F.	2005 Consolidated Second Quarter General Condition D.C and R.3 Report (9/16/2005)	2893-VO	South Flare EQT 0160	4/1/05	SO <sub>2</sub>	1.32	27.1	The Heavy Gas Oil Hydroheater Unit LP Offgas Compressor overramped and caused the Stripper Receiver to overpressure and relieve to the flare.	LAC 33:III.501.C.4
					VOC	2.29	8.7		
					H <sub>2</sub> S	Not permitted	0.1		
G.	2005 Consolidated Third Quarter General Condition D.C and R.3 Report (12/21/05)	2893-VO	South Flare EQT 0160	7/24/05	VOC	2.92	11.9	High temperature product was temporarily routed to the sphere while building up inventory; the	LAC 33:III.501.C.4
					Olefins	Not permitted	10.1		

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
								high temperature caused the sphere to overpressure.	
H.	2005 Consolidated Fourth Quarter General Condition IX.C Report (3/15/06)	2893-V0	South Flare EQT 0160	10/10/05	VOC	2.92	90	Excessive hydrogen was put into the fuel gas system that adversely affected the heater operation.	LAC 33:III.501.C.4
I.				11/1/05	VOC	2.92	1,116		
J.	40 CFR 70 General Conditions N and R Report (03/01/2007) And Unauthorized Discharge Notification for T94400 (3/07/07)	2887-V3	Marine/Barge Loading Operations EQT 0054	2/27/07	Benzene	Not permitted	0.06	Piping on the new liquid separation vessel was installed incorrectly. Excess liquid was routed to a sump instead of the ballast water rundown line that eventually goes to the slop oil tank. The duration of this incident was 11 hours.	LAC 33:III.501.C.4 LAC 33:III.905
VOCs HRVOCs					2.46	439.79 3.99			
Compressed, Flammable Gas					Not permitted	2036.4 lbs			
K.	Unauthorized Discharge Notification for T93979 (02/20/2007) And First Quarter 2007 NSPS Subpart J Report (4/30/07)	2893-V4	North Flare EQT 0162 and GRPO20	2/14/07	SO <sub>2</sub>	1.20	716	The new Distillate Hydrotreating Unit's recycle gas compressor shutdown. The duration of this incident was 11 hours. (*provide root cause)	40 CFR 60.104(a)(1) LAC 33:III.501.C.4
H <sub>2</sub> S					Not permitted	1			
VOC					7.90	35			
H <sub>2</sub> S					160 ppm H <sub>2</sub> S 3 hour average	(*More information required)			
L.	Unauthorized Discharge Notification for T93924 (2/15/07) And First Quarter 2007 NSPS Subpart J Report (4/30/07)	2893-V4	South Flare EQT 0160	2/12/07	SO <sub>2</sub>	1.32	11	Two of the refinery's steam boilers shutdown unexpectedly. The H <sub>2</sub> S content was 1.47%. The duration of the incident was 60 minutes. (*provide root cause)	40 CFR 60.104(a)(1) LAC 33:III.501.C.4
NO <sub>x</sub>					2.84	<1**			
VOC					2.92	<1**			

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
M.	Unauthorized Discharge Notification for T94388 (3/8/07) And First Quarter 2007 NSPS Subpart J Report (4/30/07)	2893-V4A	South Flare EQT 0160	3/6/07	SO <sub>2</sub>	1.32	.02**	One of two compressors in Unit 22 shutdown for maintenance and gas feed to the Unit was significantly decreased. As result of the reduced gas feed, the temperature of the gas feed cooler effluent decreased, in turn increasing the amount of condensed liquid in the interstage knockout drum. The increased liquid volume caused a high level in the drum and control valve was found plugged. The valve to South Flare Knockout Drum was opened intermittently for total of 74 minutes. Reported as preventable.	40 CFR 60.104(a)(1) LAC 33:III.905
					H <sub>2</sub> S	Not permitted	<.01		
N.	Unauthorized Discharge Notification for T95029 (4/4/07)	2893-V4A	South Flare EQT 0160	3/30/07	SO <sub>2</sub>	1.32	5	A sudden loss of pressure was noticed in the Gas Oil Hydrotreating Unit. The emergency "dump" valve had opened. An electrical failure caused the sudden change in valve position. (*specify if the electrical failure was internal or external?)	LAC 33:III.501.C.4
					H <sub>2</sub> S	Not permitted	<.01		
O.	Unauthorized Discharge Notification	2893-V4A	North Flare EQT 0162	4/25/07	SO <sub>2</sub>	1.20	76	After a scheduled Drum swap,	40 CFR 60.104(a)(1) LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	for T95653 (05/01/2007) And Second Quarter 2007 NSPS Subpart J Report (7/30/07)				H <sub>2</sub> S	Not permitted	<1	Drum No. 1 pressured-up while steam stripping on the Fractinator. The H <sub>2</sub> S content was 14.50%. The duration of the incident was 1 minute. (*provide root cause)	
P.	Unauthorized Discharge Notification for T95665 (5/02/07)	2893-V4A	North Flare EQT 0162	4/26/07	SO <sub>2</sub>	1.20	40	Maintenance was being performed on the shutdown solenoid on the FCCU's upper spent slide valve. While trying to make tie-ins to the Triconex System a fuse was blown causing FCCU to shutdown. A small fire resulted in a set of exchangers and was promptly extinguished. Flaring occurred during shutdown for 35 minutes.	LAC 33:III.501.C.4
				Hydrocarbons	Not permitted	15			
				HRVOC	7.90	9			
Q.	Unauthorized Discharge Notification for T96496 (05/29/2007)	2893-V4A	North Flare EQT 0162	5/23/07	VOC	7.90	82	The relief valve on the HF Alkylation Unit's depropanizer was sticking open. The duration of this incident was 5 minutes. (*provide root cause)	LAC 33:III.501.C.4
R.	Unauthorized Discharge Notification for T98775 (8/23/07)	2893-V5	North Flare EQT 0162	8/18/07	SO <sub>2</sub>	1.20	199	The Crude Overhead Compressor overpressured and relieved to North Flare. The duration of the incident was 25 minutes. (*provide root cause)	LAC 33:III.501.C.4
				NO <sub>x</sub>	3.52	10			
				VOC	7.90	29			

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
S.	Unauthorized Discharge Notification for T98913 (8/31/07) And Unauthorized Discharge Notification for T98914 (8/31/07) And Third Quarter 2007 NSPS Subpart J Report (10/30/07)	2893-V5 For EQT 0162 And (*provide Permit No. for valve)	North Flare EQT 0162 and HF Acid Settler relief valve (*provide FUG for valve)	8/24/07	Hydrocarbons from EQT 0162	Not permitted	663.14	This incident was caused by the failure of the Unit 27 Substation PT transformer and the bellows in the Unit 27 Main Fractionator Bottoms relief valve. The H <sub>2</sub> S content was <20 ppm. The duration of this incident was 10 hours. (*provide root cause)	40 CFR 60.104(a)(1) LAC 33:III.501.C.4
					Olefins from EQT 0162 VOC	7.90	1.31**		
					NO <sub>x</sub>	3.52	277.16 from EQT 0162		
					Hydrocarbons from valve	Not permitted	130.96		
					Olefins from valve	Not permitted	17.2		
					HF from valve	Not permitted	.80 from Valve		
T.	Unauthorized Discharge Notification for T99754 (10/02/07)	2893-V5	South Flare EQT 0160	9/26/07	SO <sub>2</sub>	1.32	<1**	The Shell off-gas compressors experienced a problem and had to shutdown. When the compressors go down, gas is put into the fuel gas system which over pressured. Reported as preventable.	LAC 33:III.905
					Olefins VOC	12.36	< 2**		
U.	Unauthorized Discharge Notification for T100086 (10/17/07) And Fourth Quarter 2007 NSPS Subpart J Report (1/30/08)	2893-V5	South Flare EQT 0160	10/10/07	H <sub>2</sub> S	Not permitted	166	The packing in a lean amine bypass control valve blew out. To repair the valve, the unit required depressuring to the refinery's South Flare. The H <sub>2</sub> S content was 6.76%. The duration of the incident was 8 hours. (*provide root cause)	40 CFR 60.104(a)(1) LAC 33:III.501.C.4
					SO <sub>2</sub>	1.32	5,067		
					VOC	12.36	583		
					PM	.21	501		
					NO <sub>x</sub>	5.61	1.3**		

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
V.	Unauthorized Discharge Notification for T100369 (10/24/07)	(*Not Reported)	Pump (*need FUG)	10/20/07	Sodium Hypochlorite	Not permitted	6.2	A leak occurred when the pump suction line broke and caused bleach to spill into the small dike area where the pumps are located. Reported as preventable.	LAC 33:III.905
W.	Unauthorized Discharge Notification for T100653 (11/02/07) And Fourth Quarter 2007 NSPS Subpart J Report (1/30/08)	2893-V6A	North Flare, EQT 0162	10/29/07	SO <sub>2</sub>	1.20	1,857	Water from the Coker Overhead line went into the Main Fractionator and vaporized then went into the Fractionator Overhead Receiver. The vapors from the Overhead Receiver went to the 1 <sup>st</sup> Stage Suction Drum of the Coker Wet Gas Compressor raising the drum pressure above 15 psig. The H <sub>2</sub> S content was 7.86%. The duration of this incident was 7 minutes. (*provide root cause)	40 CFR 60.104(a)(1) LAC 33:III.501.C.4
					H <sub>2</sub> S	Not permitted	4.96		
X.	Unauthorized Discharge Notification for T101734 (12/18/07)	2893-V6A	South Flare EQT 0160	12/16/07	VOC	12.36	18	A plantwide power surge caused several pumps and compressors to shutdown. The duration of this incident was one hour. (*specify if power surge was internal or external)	LAC 33:III.501.C.4
Y.	Unauthorized Discharge Notification for T101968 (1/4/08)	2893-V6A	Thermal Oxidizer No. 2 EQT 0161	12/29/07	SO <sub>2</sub> H <sub>2</sub> S	NSPS 40 CFR 60 Subpart J SO <sub>2</sub> limit of 250 ppm; H <sub>2</sub> S limit of 160 ppm	(*not provided)	The Amine Unit 47 shutdown when amine circulation was lost due to control valve failing to close.	40 CFR 60 Subpart J LAC 33:III.501.C.4

REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max:lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS	
							Lost of amline circulation in Unit 47 caused a severe swing in acid gas production which resulted in loss of feed to the Unit 45 Sulfur Recover Unit. The resulting increase in feed to the Units 20 & 34 SRUs caused these units to go off air ratio. Being off ratio caused a spike in SO <sub>2</sub> emissions from the SRUs. The Respondent reported the SO <sub>2</sub> limit of 250 ppm for EQT 161 was exceeded and the H <sub>2</sub> S limit of 160 ppm for the fuel gas system was exceeded. The duration of the incident was 7 hours. (*specify root cause)		
Z.	Unauthorized Discharge Notification for T102655 (2/01/08) And First Quarter 2008 NSPS Subpart J Report (4/30/08)	2893-V6A	North Flare EQT 0162	1/28/08	VOC	7.90	256	The Coker Unit's Wet Gas Compressor (WGC) shutdown due to high level in the suction drum. The Coker Unit began bringing feed into the unit after being shut down for scheduled maintenance activities. During startup of the unit, the feed into the Unit could not be stopped when the WGC tripped. Also there was an	40 CFR 60.104(a)(1) LAC 33:11.501.C.4
					HRVOC		116		
					H <sub>2</sub> S	Not permitted	109		
					NO <sub>x</sub>	3.52	142		
					SO <sub>2</sub>	1.20	40,782		
CO	2.92	771							

REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS	
							issue with the timing of restarting the WGC. The Duration of this incident was 130 minutes.		
AA.	Unauthorized Discharge Notification for T102655 (2/01/08)	2893-V6A	North Flare EQT 0162	1/28/08	VOC HRVOC	7.90	256 116	The Respondent failed to submit an update, every sixty (60) days until the investigation was complete, of the status of the ongoing investigation of this unauthorized discharge and the results of the investigation that included details of the circumstances including, but not limited to the root cause.	LAC 33:1.3925.A.3
					H <sub>2</sub> S	Not permitted	109		
					NO <sub>x</sub>	3.52	142		
					SO <sub>2</sub>	1.20	40,782		
					CO	2.92	771		
BB.	Unauthorized Discharge Notification for T103090 (2/21/08) And First Quarter 2008 NSPS Subpart J Report (4/30/08)	2893-V6A	North Flare EQT 0162 and South Flare EQT 0160	2/15/08	VOC HRVOC EQT 0162	7.9	(*provide emissions for pollutants listed to the left for each flare, separately; provide amount of H <sub>2</sub> S above the amount specified in 40 CFR 60.104(a)(1) for EQT 0162)	A partial refinery-wide power failure caused several units to shutdown and relieve to the emergency flares (EQT 0162 & 0160) The Respondent report the H <sub>2</sub> S limit as specified in 40 CFR 60.104(a)(1) was exceeded for EQT 0162. The Respondent also reported the opacity limit was exceeded for both flares. (* Respondent failed to submit an update, every sixty (60) days until the	40 CFR 60.104(a)(1) 40 CFR 60.18(c)(1) LAC 33:1.3925.A.3
					Benzene EQT 0162	<0.01			
					H <sub>2</sub> S EQT 0162	Not permitted			
					NO <sub>x</sub> EQT 0162	3.52			
					SO <sub>2</sub> EQT 0162	1.20			
					CO EQT 0162	2.92			
					VOC HRVOC EQT 0160	12.36			

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
					Benzene EQT 0160	<0.01		Investigation was complete, of the status of the ongoing investigation of this unauthorized discharge and the results of the investigation that included details of the circumstances including, but not limited to the root cause.)	
					H <sub>2</sub> S EQT 0160	Not permitted			
					NO <sub>x</sub> EQT 0160	5.61			
					SO <sub>2</sub> EQT 0160	1.32			
					CO EQT 0160	15.32			
CC.	Unauthorized Discharge Notification for T103973 (3/20/08)	2893-V6A	North Flare EQT 0162	3/14/08	VOC HRVOC	7.90	119.5 20.5	The Shell off-gas compressors had to be shutdown for emergency maintenance resulting in a buildup of sweet refinery fuel gas which had to be flared. The duration of this incident was 120 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub>	3.52	46.9		
DD.	Unauthorized Discharge Notification for T103950 (3/20/08) And First Quarter 2008 NSPS Subpart J Report (4/30/08)	2893-V6A	North Flare EQT 0162	3/14/08	SO <sub>2</sub>	1.20	2,206	A plugged drain valve caused the Fractionator in Coker Unit to overpressure. This in turn caused the Unit's compressor suction drum to relieve to flare. The H <sub>2</sub> S content was 0.04%. The duration of the incident was 80 minutes.	40 CFR 60.104(a)(1) LAC 33:III.501.C.4
EE.	Unauthorized Discharge Notification for T103950 (3/20/08)	2893-V6A	North Flare EQT 0162	3/14/08	SO <sub>2</sub>	1.20	2,206	(*The Respondent failed to submit an update, every sixty (60) days until the investigation was complete, of the status of	LAC 33:1.3925.A.3

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or-PERMIT REQUIREMENTS
								the ongoing investigation of this unauthorized discharge and the results of the investigation that included details of the circumstances including, but not limited to the root cause.)	
FF.	Unauthorized Discharge Notification for T104869 (4/25/08)	(*Not Reported)	Flange on Asphaltene Pump around Exchanger (*need FUG)	4/18/08	VOC	(*Additional information required)	172	The ROSE Unit had been flushed and was on internal circulation. The change in temperature caused the metal to contract and the exchanger flange to leak. (*The Respondent failed to submit an update, every sixty (60) days until the investigation was complete, of the status of the ongoing investigation of this unauthorized discharge and the results of the investigation that included details of the circumstances including, but not limited to the root cause.)	LAC 33:1.3925.A.3
GG.	Unauthorized Discharge Notification for T105287 (5/08/08)	(*Not Reported)	N/A	5/1/08	Heavy slop oil (*specify pollutants released during fire)	Not permitted	(*specify quantity of pollutants released during fire)	Approximately 30 gallons of H <sub>2</sub> O was released to the Coker Unit's concrete slab prior to the small fire due to a leak of the Delayed Coker Unit's Heavy Slop Oil line.	LAC 33:1.3925.A.3

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
								Two Turner employees sustained minor burns and were treated on-site. (*The Respondent failed to submit an update, every sixty (60) days until the investigation was complete, of the status of the ongoing investigation of this unauthorized discharge and the results of the investigation that included details of the circumstances including, but not limited to the root cause.)	
HH.	Unauthorized Discharge Notification for T107208 (7/18/08)	(*Not Reported)	Tubing on flow orifice plate of the FCCU	7/15/08	HRVOC	Not permitted	1,440.18	Tubing on flow orifice plate sheared off during start-up of the FCC Unit. This tubing was attached to the LPG vaporizer. (*The Respondent failed to submit an update, every sixty (60) days until the investigation was complete, of the status of the ongoing investigation of this unauthorized discharge and the results of the investigation that included details of the circumstances including, but not limited to the root cause.)	LAC 33:1.3925.A.3
				VOC	Not permitted	4,199.70			
				Compressed, flammable gas	Not permitted	4,199.70			

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II.	Unauthorized Discharge Notification for T107688 (8/08/08) And Third Quarter 2008 NSPS Subpart J Report (10/30/08)	2893-V6A	North Flare EQT 0162	8/01/08	VOC HRVOC	7.90	53 lbs 33 lbs during event	The FCCU shutdown due to an unknown failure in the unit's Wet Gas Compressor for 22 minutes. The H <sub>2</sub> S content was <0.1%. The unit was kept circulating to avoid a complete shutdown for 36 hours.	40 CFR 60.104(a)(1) LAC 33:III.501.C.4
					SO <sub>2</sub>	1.20	0.02 lbs during event**		
					VOC	7.90	27 lbs during circulation		
					NO <sub>x</sub>	3.52	746 lbs during circulation		
JJ.	Unauthorized Discharge Notification for T107688 (8/08/08)	2893-V6A	North Flare EQT 0162	8/01/08	VOC HRVOC	7.90	53 lbs 33 lbs during event	(*The Respondent failed to submit an update, every sixty (60) days until the investigation was complete, of the status of the ongoing investigation of this unauthorized discharge and the results of the investigation that included details of the circumstances including, but not limited to the root cause.)	LAC 33:I.3925.A.3
					SO <sub>2</sub>	1.20	0.02 lbs during event**		
					VOC	7.90	27 lbs during circulation		
					NO <sub>x</sub>	3.52	746 lbs during circulation		
KK.	Unauthorized Discharge Notification for T108044 (8/20/08)	(*Not Reported)	Inlet flange on relief valve in Unit 14 (*need FUG)	8/14/08	VOC	2.2	2.5	An Inlet flange on a relief valve leaked to the atmosphere.	LAC 33:III.501.C.4
LL.	Unauthorized Discharge Notification for T108823 (9/15/08) And Third Quarter 2008 NSPS Subpart J Report (10/30/08)	2893-V6A	North Flare EQT 0162	9/10/08	VOC from hatch HRVOC from hatch	Not permitted	79 0.28	During the loading of an Enterprise Transportation propane tanker, the hatch at the rear was found to be leaking. The majority of the product from the leaking tanker was transferred to another tanker onsite. The H <sub>2</sub> S content was <0.1%. The	40 CFR 60.104(a)(1) LAC 33:III.501.C.4
					VOC HRVOC	7.90	43 0.16		
					CO	2.92	69		
					NO <sub>x</sub>	3.52	13		

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
								duration of the incident was 46 minutes. The remaining quantity was sent to the North Flare. (*provide root cause of leaking hatch)	
MM.	Unauthorized Discharge Notification for T110398 (10/31/08)	(*Not Reported)	Butane Storage Tank EQT 0046	10/27/08	VOC	(*Additional information required)	963	During the annual emission monitoring of the RBS tank relief valve it was observed that the relief valve was intermittently relieving to the atmosphere. (*provide root cause)	LAC 33:III.501.C.4
NN.	Unauthorized Discharge Notification for T110717 11/14/08	(*Not Reported)	% bleeder valve atop exchangers in Unit 56 Diesel Hydrotreater (*need FUG)	11/08/08	Hydrocarbons (*provide what was released to atmosphere)	Not permitted	23 gal (*provide amount of what was released to atmosphere)	During startup of Unit 56 Diesel Hydrotreater, the valve was inadvertently left open and light cycle oil was released.	LAC 33:III.905
OO.	Unauthorized Discharge Notification for T110736 (11/14/08)	(*Not Reported)	Unit 56 Diesel Hydrotreater (*need FUG)	11/10/08	Diesel fuel	Not permitted	1 gal was combusted	A diesel pump in Unit 56 Diesel Hydrotreater was being prepared for maintenance by removing the pump's strainer. Upon strainer removal, high temperature diesel began leaking by a motor operated valve causing a small flash fire. This incident was reported as preventable.	LAC 33:III.905
PP.	Unauthorized Discharge Notification	2893-V6A	North Flare EQT 0162	1/28/08	VOC HRVOC	7.90	256 116	The Coker Unit's Wet Gas Compressor	40 CFR 60.104(a)(1) LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	for T102655 (2/01/08) And First Quarter 2008 NSPS Subpart J Report (4/30/08)				H <sub>2</sub> S	Not permitted	109	(WGC) shutdown due to high level in the suction drum. The Coker Unit began bringing feed into the unit after being shut down for scheduled maintenance activities. During startup of the unit, the feed into the Unit could not be stopped when the WGC tripped. Also there was an issue with the timing of restarting the WGC. The Duration of this incident was 130 minutes.	
QQ.	Unauthorized Discharge Notification Report for T111750 (1/9/09)	2891-V6	Deasphalted Oil Tank EQT 0104	1/4/09	Butane	Not permitted	1,726 lbs	Operator failed to close battery limits block valve during unit shutdown.	LAC 33:III.905 LAC 33:III.501.C.2
RR.	Unauthorized Discharge Notification Report for T112890 (1/30/09)	2893-V9	South Flare Stack EQT 0160	1/23/09	Isobutane	Not permitted	386 lbs	Valve misalignment allowed 18sobutene to be routed to the flare.	LAC 33:III.905 LAC 33:III.501.C.2
SS.	Unauthorized Discharge Notification Report for 115595 (6/17/09)	(*Not Reported)	Hydrocarbon feed exchanger 11- 1301	6/11/09	Benzene	Not permitted	1 lb	While cleaning the exchanger in Unit 11, a piece of tubing blew out.	LAC 33.III.905
TT.	Unauthorized Discharge Notification Report for 7/26/09 incident (7/29/09)	(*Not Reported)	Crude oil pipe located inside 500-9 tank dike.	7/26/09	Crude Oil	Not permitted	26 Gallons	Maintenance was breaking a crude line flange inside the diked area of Tank 500-9 for a GME tie- in, when approximately 26 gallons of oil spilled on the ground outside the drip pan. (*more information)	LAC 33:III.905

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UU.	Unauthorized Discharge Notification Report for T119673 (11/25/09)	(*Not Reported)	Unit 263 Pipe Rack	11/23/09	H <sub>2</sub> S	Not permitted	3.54 lbs	During startup of the Kerosene Hydrotreater Unit (KHT), a bleeder valve on a piperack outside the unit was inadvertently left half open.	LAC 33:III.905
					Compressed Flammable Gas	Not permitted	13.85 lbs		
VV.	Unauthorized Discharge Notification Report for T121405 (2/9/10)	(*Not Reported)	Three Quarter Inch Bleeder Valve	2/9/10	H <sub>2</sub> S	Not permitted	24 lbs	A three-quarter inch bleeder valve had been left cracked open during the steaming out of Unit 32 Stripper.	LAC 33:III.905
WW.	Unauthorized Discharge Notification Report for T122763 (4/20/10)	2893-V11	FCCU Regenerator Vent EQT 0165	4/13/10	CO	15.28 lbs/hr	<5,000 lbs	The FCCU had to reduce rates in conjunction with the Alkylation Unit shutdown. While reducing charge rate, an adequate carbon balance was not maintained; causing elevated CO in the flue gas.	LAC 33:III.905 LAC 33:III.501.C.2
XX.	Unauthorized Discharge Notification for 1/25/11 Incident (1/27/10)	2580-00013-V1	North Flare Stack EQT 0162	1/25/11	HRVOC VOC	21.05	51.25 157.96	The reactor temperature increased after the feed streams to the FCCU was switched, which resulted in an increase in vapor routed to the FCCU Main Fractionator. The FCCU Main Fractionator overhead pressure increased and the pressure control valve opened to the refinery's North Flare (EQT 0162). The duration of this incident was 26 minutes.	LAC 33:III.501.C.4
					H <sub>2</sub> S	0.13	2.24		
					Nox	2.90	13.4		
					SO <sub>2</sub>	13.71	207.03		
					CO	72.29	73.29		

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
YY.	Unauthorized Discharge Notification for 1/25/11 incident (1/27/10)	2580-00013-V1	North Flare Stack EQT 0162	1/25/11	HRVOC	21.05	51.25	(*The Respondent failed to submit an update, every sixty (60) days until the investigation was complete, of the status of the ongoing investigation of this unauthorized discharge and the results of the investigation that included details of the circumstances including, but not limited to the root cause.)	LAC 33:1.3925.A.3
					VOC		157.96		
					H <sub>2</sub> S	0.13	2.24		
					Nox	2.90	13.4		
					SO <sub>2</sub>	13.71	207.03		
					CO	72.29	73.29		
ZZ.	Unauthorized Discharge Notification for T129232 (2/18/11)	2580-00013-V1	block valve in FUG 018	2/12/11	VOC	Not permitted	216.8	The bonnet on a block valve located in the Unit 12 Platformer Debutanizer Overhead Reflux line developed a leak to the atmosphere. This incident lasted 8 hours.	LAC 33:III.905
AAA.	Unauthorized Discharge Notification for T129232 (2/18/11)	2580-00013-V1	block valve in FUG 018	2/12/11	VOC	Not permitted	216.8	(*The Respondent failed to submit an update, every sixty (60) days until the investigation was complete, of the status of the ongoing investigation of this unauthorized discharge and the results of the investigation that included details of the circumstances including, but not limited to the root cause.)	LAC 33:1.3925.A.3

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
BBB.	Unauthorized Discharge Notification for 5/31/11 Incident (6/3/11)	3039-V9	N. Ground Flare EQT 0282	5/31/11	HRVOC	3.81	0.7	Unit 210 Crude Off-gas Suction Knock Out Drum overfilled which caused the Crude Off- gas Compressor to trip and relieve the off- gas to the North Ground Flare (EQT 0282). The Incident lasted for 24 minutes.	LAC 33:III.501.C.4 LAC 33:III.905
					VOC		115.5		
					H <sub>2</sub> S	0.05	14.2		
					NO <sub>x</sub>	11.83	13.9		
					SO <sub>2</sub>	1.51	1,335		
CCC.	Unauthorized Discharge Notification for T131650 (6/9/11)	2580-00013- V2	elbow in FUG 0027	6/4/11	VOC	Not permitted	1,314.0	Unit 22, the Saturated Gas Plant Unit Fugitives, feed line developed a leak in an elbow. The leak was originally assumed to be in a weld but later direct inspection revealed there was a 5 inch crack on the elbow. This incident lasted for 185 minutes.	LAC 33:III.905
					H <sub>2</sub> S	Not permitted	12.0		
DDD.	Unauthorized Discharge Notification for T131650 (6/9/11)	2580-00013- V2	elbow in FUG 0027	6/4/11	VOC	Not permitted	1,314.0	(*The Respondent failed to submit an update, every sixty (60) days until the investigation was complete, of the status of the ongoing investigation of this unauthorized discharge and the results of the investigation that included details of the circumstances including, but not limited to the root cause.)	LAC 33:1.3925.A.3
					H <sub>2</sub> S		12.0		
EEE.	Unauthorized Discharge Notification for 7/16/11 Incident	3039-V9	flange in FUG 0057	7/16/11	VOC	Not permitted	231.0	(*The Respondent failed to submit an update, every sixty (60)	LAC 33:1.3925.A.3

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	(7/22/11)							days until the investigation was complete, of the status of the ongoing investigation of this unauthorized discharge and the results of the investigation that included details of the circumstances including, but not limited to the root cause.)	
FFF.	Unauthorized Discharge Notification for T133637 (9/30/11)	2580-00013-V3	North Flare Stack EQT 0162	9/7/11	HRVOC	VOC (21.05)	608.2	(*The Respondent failed to submit an update, every sixty (60) days until the investigation was complete, of the status of the ongoing investigation of this unauthorized discharge and the results of the investigation that included details of the circumstances including, but not limited to the root cause.)	LAC 33:1.3925.A.3
GGG.	Unauthorized Discharge Notification for T133637 (9/30/11)	(*Not Reported)	N/A	10/25/11	N/A	Not permitted	N/A	Triad personnel, onsite electrical contractors, were welding brackets on the outside wall of the C-can storage container when inside the container the wood shelving and floor began smoldering, then caught fire. The Respondent listed this incident as preventable	LAC 33:III.905

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								and that an incident investigation would be conducted.	
KHH.	Unauthorized Discharge Notification for T133637 (9/30/11)	(*Not Reported)	N/A	10/25/11	N/A	Not permitted	N/A	(*The Respondent failed to submit an update, every sixty (60) days until the investigation was complete, of the status of the ongoing investigation of this unauthorized discharge and the results of the investigation that included details of the circumstances including, but not limited to the root cause.)	LAC 33:1.3925.A.3
III.	Unauthorized Discharge Notification for T134819 (10/28/11)	2580-00Q13-V3 3039-V9	South Flare Stack EQT 0160 North Flare Stack EQT 0162 N. Ground Flare EQT 0282	10/22/11	(*Additional information required)	(*Additional information required)	(*Additional information required)	(*The Respondent failed to submit an update, every sixty (60) days until the investigation was complete, of the status of the ongoing investigation of this unauthorized discharge and the results of the investigation that included details of the circumstances including, but not limited to the root cause.)	LAC 33:1.3925.A.3
III.	Unauthorized Discharge Notification for T136157 (1/3/12)	3039-V10	N. Ground Flare EQT 0282	12/27/11	VOC HRVOC	3.81	8.5 1.3	High pressure on Unit 205-Delayed Coker Unit's blowdown setting drum	LAC 33:III.501.C.4
					NOx	11.83	6.4		

REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS	
				SO <sub>2</sub>	1.51	591.0	caused a relief valve to open to the flare system. This incident lasted for 20 minutes. This report states that this incident is being investigated. [*Provide results of the investigation/ root cause.]		
				CO	9.90	6.8			
				PM <sub>10</sub>	0.90	0.6			
KKK.	Unauthorized Discharge Notification for 136541 (1/20/12 & 1/23/12)	2580-00013-V4 3039-V10	Thermal Oxidizer Unit 45 (EQT 0174)	1/14-15/12	SO <sub>2</sub>	56.86	385.27	Hydrocarbons carryover from the Unit 19 Sour Water Stripper caused Unit 220 and Unit 45 to trip. As a result, a SO <sub>2</sub> plume was released from the Unit 45 Thermal Oxidizer. Hydrocarbons from the ammonia acid gas header were streamed out to flare. Units were shutdown. Approximately 4 hours after Unit 220 startup the following day, a similar incident took place. Hydrocarbon carryover from the Unit 19 sour water stripper caused Unit 220, 234, and Unit 45 Thermal Oxidizers to trip. The Thermal Oxidizer released a plume of SO <sub>2</sub> to the atmosphere. During this incident, the flare valve on	LAC 33:III.501.C.4
					Opacity	<=20	(*need more information)		
			Thermal Oxidizer Unit 220 (EQT 0204)	1/14-15/12	SO <sub>2</sub>	61.67	0.6**		
			Thermal Oxidizer Unit 234 (EQT 0205)	1/14-15/12	SO <sub>2</sub>	61.67	63.93		
			Unit 19 Sour Water Feed Tank (*need EQT)	1/15/12	VOC	(*Additional information required)	198.7		
					H <sub>2</sub> S	(*Additional information required)	3.97		
			South Flare EQT 0160 from Unit 19	1/15/12 9:00 AM-9:30AM	NO <sub>x</sub>	155.87	0.2**		
					CO	141.36	1.08**		
					SO <sub>2</sub>	3.78	165.83		
					VOC	601.19	1.85**		
					PM <sub>10</sub>	11.91	0.02**		
					PM <sub>2.5</sub>	Not permitted	0.02		
					H <sub>2</sub> S	0.02	1.8		
					NH <sub>3</sub>	Not permitted	0.81		
			South Flare EQT 0160 From Unit 233	1/14/12 6:56AM-2:14 PM	NO <sub>x</sub>	155.87	0.2**		
					CO	141.36	1.08**		
					SO <sub>2</sub>	3.78	165.83		
					VOC	601.19	1.85**		
					PM <sub>10</sub>	11.91	0.02**		
					PM <sub>2.5</sub>	Not Permitted	0.02		
H <sub>2</sub> S	0.02	1.8							
NH <sub>3</sub>	Not Permitted	0.81							
South Flare EQT 0160 From Unit 10	9:15AM on 1/15/12-9:35 AM	NO <sub>x</sub>	155.87	87.39**					
		CO	141.36	475.48					

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max:lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
				on 1/16/12	SO <sub>2</sub>	3.78	47.72	the fuel gas absorber knockout drum opened to flare to relieve pressure on the drum.	
					VOC HRVOC	601.19	1,226.0 0.47		
					PM <sub>10</sub>	11.91	9.57**		
					PM <sub>2.5</sub>	Not Permitted	9.57	Hydrocarbon from the carryover was also sent to the sour water storage tank which resulted in the tank venting to atmosphere. The flare valve from the fuel gas absorber knockout drum was closed at approximately 9:30 on January 16, 2012. This incident lasted roughly 55 hours. This report also states that the opacity limit was exceeded.	
LLL	Unauthorized Discharge Notification for T136618 (1/25/12)	3039-V10	Tube on Coker Distillate Product Fin Fans (205-1351) In Unit 205	1/20/12	Sour Distillate	Not permitted	12.1 barrels	Approximately 12.1 barrels of Sour Distillate was released (0.12 barrels release to the ground and 11.98 barrels on the concrete slab of the unit and processed in the on-site Waste Water Treatment Plant) due to a tube with an eighty inch circumferential crack that propagated halfway around one tube in the Distillate Product Fin Fan, 205-1351. (*Provide results of the investigation/ root cause)	LAC 33:III.905

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED	PERMIT LIMIT (max lbs/hr)	QUANTITY REPORTED (lbs)	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
MMM.	Unauthorized Discharge Notification for 136885 (2/6/12)	3039-V10	Tube on Hot Sep Fin Fans in Unit 215	1/31/12	Flammable gas	Not permitted	2,877	A fin fan tube was found to have approximately a 0.071 inch pin hole leak in the hot separator overhead fin fan. (*Provide results of the investigation/ root cause.)	LAC 33:III.905
					H <sub>2</sub> S		82.79		
					Compressed Flammable Gas		2,877.14		
NNN.	Unauthorized Discharge Notification for 2/27/12 incident (2/9/12)	2580-00013-V4	FCC Regen. Vent EQT 0165	1/27/12	Hydrogen cyanide	Not permitted	149.8 lb/day	Respondent reported that a stack test was conducted December 2011 in response to learning of the possibility of the existence of hydrogen cyanide from a stack test performed at its Robinson, IL refinery. Robinson performed the stack test per the ICR issued by the US EPA in March 2011.	LAC 33:III.501.C2

\*\*Amount of pollutant emitted was not above permit limit, and therefore, it is not a violation of the applicable permit. It is only for informational purposes.

Each 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), and LAC 33:III.501.C.4 or LAC 33:III.905.

## VI.

The Respondent reported the following deviations from permitted operating parameters:

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	OPERATING PARAMETER	POLLUTANTS INVOLVED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
A.	First Quarter 2007 NSPS Subpart J Report (4/30/07)	2893-V3	North Flare EQT 0162	1/3/07	No owner or operator shall burn in any gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 230 mg/dscm (0.10	H <sub>2</sub> S	The amount of H <sub>2</sub> S content was <0.1%. The duration of the incident was 172 minutes.	40 CFR 60.104(a)(1)

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	OPERATING PARAMETER	POLLUTANTS INVOLVED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
					gr/dscf).			
B.	First Quarter 2007 NSPS Subpart J Report (4/30/07)	2893-V3	North Flare EQT 0162	1/16/07	No owner or operator shall burn in any gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 230 mg/dscm (0.10 gr/dscf).	H <sub>2</sub> S	The amount of H <sub>2</sub> S content was <0.1%. The duration of the incident was 1 minute.	40 CFR 60.104(b)(1)
C.	First Quarter 2007 NSPS Subpart J Report (4/30/07)	2893-V3	North Flare EQT 0162	Began on 1/24/07	No owner or operator shall burn in any gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 230 mg/dscm (0.10 gr/dscf).	H <sub>2</sub> S	The amount of H <sub>2</sub> S content was unknown. The duration of the incident was 2085 minutes.	40 CFR 60.104(a)(1)
D.	First Quarter 2007 NSPS Subpart J Report (4/30/07)	(*Not Reported)	Unit 43 Fuel Gas Mlx Drum	2/14/07	3 hr rolling average of 160 ppm of H <sub>2</sub> S	H <sub>2</sub> S	The new Distillate Hydrotreating Unit's (NDHT) recycle gas compressors shutdown. The range was 253-258 ppm. The duration of the incident was 120 minutes.	40 CFR 60 Subpart J
E.	First Quarter 2007 NSPS Subpart J Report (4/30/07)	2893-V4A	North Flare EQT 0162	3/24/07	No owner or operator shall burn in any gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 230 mg/dscm (0.10 gr/dscf).	H <sub>2</sub> S	The amount of H <sub>2</sub> S content was unknown. The duration of the incident was 30 minutes.	40 CFR 60.104(a)(1)
F.	Second Quarter 2007 NSPS Subpart J Report (7/30/07)	2893-V4A	South Flare EQT 0160	4/27/07	No owner or operator shall burn in any gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 230 mg/dscm (0.10 gr/dscf).	H <sub>2</sub> S	10-1802 Crude Overhead compressor relief valve intermittently relieving. The amount of H <sub>2</sub> S content was 2.72%. The duration of the incident was 14 minutes.	40 CFR 60.104(a)(1)
G.	Second Quarter 2007 NSPS Subpart J Report (7/30/07)	2893-V4A	North Flare EQT 0162	6/20/07	No owner or operator shall burn in any gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 230 mg/dscm (0.10 gr/dscf).	H <sub>2</sub> S	Maintenance was being performed on the shutdown solenoid on the FCCU's upper spent slide valve. While trying to make tie-ins to the Triconex System in the Satellite Building a fuse was	40 CFR 60.104(a)(1)

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	OPERATING PARAMETER	POLLUTANTS INVOLVED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							blown causing the FCCU to shutdown. The amount of H <sub>2</sub> S content was 165 ppm. The duration of the incident was 24 minutes.	
H.	Second Quarter 2007 NSPS Subpart J Report (7/30/07)	2893-V4A	North Flare EQT 0162	6/20/07	No owner or operator shall burn in any gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 230 mg/dscm (0.10 gr/dscf).	H <sub>2</sub> S	The amount of H <sub>2</sub> S content was unknown. The duration of the incident was 3 minutes.	40 CFR 60.104(a)(1)
I.	Third Quarter 2007 NSPS Subpart J Report (10/30/07)	2893-V5	North Flare EQT 0162	8/18/07	No owner or operator shall burn in any gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 230 mg/dscm (0.10 gr/dscf).	H <sub>2</sub> S	The amount of H <sub>2</sub> S content was 0.02%. The duration of the incident was 1440 minutes.	40 CFR 60.104(a)(1)
J.	Fourth Quarter 2007 NSPS Subpart J Report (1/30/08)	2893-V6A	Unit 43 Fuel Gas Mix Drum (*need EQT)	12/19/07	3 hr rolling average of 160 ppm of H <sub>2</sub> S	H <sub>2</sub> S	The H <sub>2</sub> S ppm range was 180-367. The duration of the incident was 240 minutes.	40 CFR 60 Subpart J
K.	Second Quarter 2008 NSPS Subpart J Report (07/30/08)	2893-V6A	South Flare EQT 0160	4/3/08	No owner or operator shall burn in any gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 230 mg/dscm (0.10 gr/dscf).	H <sub>2</sub> S	The amount of H <sub>2</sub> S content was unknown. The duration of the incident was 9 minutes.	40 CFR 60.104(a)(1)
L.	Third Quarter 2008 NSPS Subpart J Report (10/30/08)	(*Not Reported)	Unit 43 Fuel Gas System	9/07/08	3 hour limit of 160 ppm	H <sub>2</sub> S	High H <sub>2</sub> S in fuel gas mix drum. The rolling 3 hour limit of 160 ppm was exceeded for 2 hours.	40 CFR 60 Subpart J
M.	Third Quarter 2008 NSPS Subpart J Report (10/30/08)	(*Not Reported)	Unit 43 Fuel Gas System	9/23/08	3 hour limit of 160 ppm	H <sub>2</sub> S	High H <sub>2</sub> S in fuel gas mix drum. The rolling 3 hour limit of 160 ppm was exceeded for 2 hours.	40 CFR 60 Subpart J
N.	Fourth Quarter 2008 NSPS Subpart J Report (01/30/09)	2893-V6A	North Flare EQT 0162	12/22/08	No owner or operator shall burn in any gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 230 mg/dscm (0.10	H <sub>2</sub> S	Coker Debutanizer relieved to flare. The Respondent reported an exceedance of H <sub>2</sub> S as specified in 40 CFR 60.104(a)(1). The duration of the incident was 1 minute. (*Provide	40 CFR 60.104(a)(1)

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	OPERATING PARAMETER	POLLUTANTS INVOLVED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
					gr/dscf.		amount of H <sub>2</sub> S)	
O.	Title V 2009 Annual Compliance Certification (3/31/10)	2891-V7	Tank 150-13 EQT 0132	Not Reported	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63 Subpart G	None reported	Tank was Inspected 2 days before the 30 calendar day DEQ notification period expired. Corrective action-reminded tank maintenance coordinator that inspections can not be started until 30 days after the DEQ notification letter date.	Specific Requirement 1022 40 CFR 63.654(h)(2)(ii)
P.	Title V 2009 Annual Compliance Certification (3/31/10)	2891-V7	Tank 500-10 EQT 0178	Not Reported	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63 Subpart G	None reported	Tank was Inspected 11 days before the 30 calendar day DEQ notification period expired. Corrective action-reminded tank maintenance coordinator that inspections can not be started until 30 days after the DEQ notification letter date.	Specific Requirement 1168 40 CFR 63.654(h)(2)(ii)
Q.	Title V 2009 Annual Compliance Certification (3/31/10)	2891-V7	Tank 300-15 EQT 0225	Not Reported	Notify DEQ in writing of any seal gap measurements at least 30 calendar days in advance of any gap measurements required by 40 CFR 63 Subpart G	None Reported	Tank was Inspected 2 days before the 30 calendar day DEQ notification period expired. Corrective action-reminded tank maintenance coordinator that inspections can not be started until 30 days after the DEQ notification letter date.	Specific Requirement 1212 40 CFR 63.654(h)(2)(ii)
R.	Benzene NESHAP – First Quarter 2010 (4/30/10)	2891-V7	Tank 55-3 EQT 0107	3/3/10	Repairs must be completed no later than 45 days.	None Reported	EFR Semiannual secondary visual inspection completed 1/13/10. One problem detected. Corrected by 3/3/10 (four days late).	Specific Requirement 617 40 CFR 61.351(a)(2)
S.	Louisiana Consolidated Fugitive Emission Program Semiannual Report (2/15/11)	3039-V8 2580- 00013-V0 (*provide permit # for the related emission point)	Valve – Tag No. 2051806	12/27/10 through 1/12/11	When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected.	(*Not Reported)	Tag # 2051806, a valve, was found leaking on 12/27/10. It was repaired on 1/12/11, sixteen days after the leak was initially identified. This was due to miscommunication on repair technique.	Louisiana MACT Determination for Refineries dated July 26, 1994 40 CFR 60 Subpart GGGa
T.	Louisiana Consolidated Fugitive Emission Program Semiannual	3039-V8 2580- 00013-V0	(*Not Reported)	Second Half 2010	Each open- ended valve or line shall be	(*Not Reported)	During the reporting period, a total of 16 open-ended lines	Louisiana MACT Determination for Refineries dated

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	OPERATING PARAMETER	POLLUTANTS INVOLVED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Report (2/15/11)	(*provide permit # for the related emission point)			equipped with a cap, blind flange, plug, or a second valve and shall seal the open end at all times.		(OEL) were identified in self-audits that are conducted on a monthly basis. All were corrected at the time of discovery.	July 26, 1994 40 CFR 60 Subpart GGGa
U.	Title V 2010 Annual Compliance Certification (3/31/11)	3039-V7	Reactor Charge Heater EQT 0195	1/1/10 through 7/11/10	Nitrogen oxides ≤ 40 ppmvd @ 0% excess air or 0.035 lb/MMBTU determined daily on a 365 successive operating day rolling average basis.	NO <sub>2</sub>	Early in 2010 was the shake down period for this unit (unit started up on 11/17/2009). Excess O <sub>2</sub> in stack. Initial Stack Test on 2/9/10 Indicated NOx to be 42 ppmvd; follow-up Stack Test on 6/7/10 Indicated the NOx to be 28 ppmvd.	Specific Requirement 133 40 CFR 60.102a(g)(1)(ii)
V.	Title V 2010 Annual Compliance Certification (3/31/11)	3039-V6	Reactor Charge Heater EQT 0195	1/1/10 through 6/7/10	Nitrogen oxides ≤ 0.04 lb/MMBTU. These limits shall apply when the heater is operating between 50 to 60% capacity. In no case the total NO <sub>x</sub> emissions shall exceed 7.76 tons per year.	NO <sub>2</sub>	Early in 2010 was the shake down period for this unit (unit started up on 11/17/2009). Excess O <sub>2</sub> in stack. Initial stack test on 2/9/10 Indicated 0.056 lb NOx/MMBTU; follow- up stack test on 6/7/10 Indicated 0.028 lb NOx/MMBTU. Total NOx was 4.78 tons for 2010.	Specific Requirement 144 LAC 33:III.509
W.	Title V 2010 Annual Compliance Certification (3/31/11)	3039-V7	Stripper Reboiler Heater EQT 0196	1/1/10 through 6/19/10	Nitrogen oxides ≤ 40ppmvd @ 0% excess air or 0.035 lb/MM BTU determined daily on a 365 successive operating day rolling average basis	NO <sub>2</sub>	Early in 2010 was the shake down period for this unit (unit started up on 11/17/2009). Excess O <sub>2</sub> in stack. Initial Stack Test on 2/10/10 Indicated 41 ppm NO <sub>x</sub> ; follow-up stack test on 6/8/10 Indicated 21 ppm NO <sub>x</sub> .	Specific Requirement 150 40 CFR 60.102a(g)(2)
X.	Title V 2010 Annual Compliance Certification (3/31/11)	3039-V7	Stripper Reboiler Heater EQT 0196	1/1/10 through 6/8/10	Nitrogen dioxide ≤ 0.03 lb/MMBTU annual average. Equipped with Ultra Low NOx Burners (UNLB) without air preheat.	NO <sub>2</sub>	Early in 2010 was the shake down period for this unit (unit started up on 11/17/2009). Excess O <sub>2</sub> in stack. Initial stack test on 2/10/10 Indicated 0.056 lb NOx/MMBTU; follow- up stack test on 6/8/10 Indicated 0.021 lb NOx/MMBTU. Total NOx was 4.78 tons for 2010.	Specific Requirement 160 LAC 33:III.509

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	OPERATING PARAMETER	POLLUTANTS INVOLVED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
Y.	Title V 2010 Annual Compliance Certification (3/31/11)	3039-V7 3039-V8	HCU Train 1 Reactor Charge Heater EQT 0197	1/1/10 through 12/31/10	Particulate Matter (10 microns or less) $\leq 0.0075$ lb/MMBTU, 3-hour average, with optimum burner design and utilization of refinery fuel gas	PM <sub>10</sub>	Unit was in start-up, shake down period during early 2010 (start-up was 2/2/10). Performance test on 7/9/10 indicated PM factor of 0.015 lb/MMBTU; new performance test was conducted in 2011 to verify operation post-shake down period.	Specific Requirement 162 40 CFR 52.21
Z.	Title V 2010 Annual Compliance Certification (3/31/11)	3039-V7 3039-V8	HCU Train 2 Reactor Charge Heater EQT 0198	1/1/10 through 12/31/10	Particulate Matter (10 microns or less) $\leq 0.0075$ lb/MMBTU, 3-hour average, with optimum burner design and utilization of refinery fuel gas	PM <sub>10</sub>	Unit was in start-up, shake down period during early 2010 (start-up was 2/2/10). Performance test on 7/9/10 indicated PM factor of 0.015 lb/MMBTU; new performance test was conducted in 2011 to verify operation post-shake down period.	Specific Requirement 178 40 CFR 52.21
AA.	Title V 2010 Annual Compliance Certification (3/31/11)	3039-V7 3039-V8	North Ground Flare EQT 0282	1/1/10 through 12/31/10	Exit Velocity $\geq 60$ and $< 400$ ft/sec, as determined by the method specified in 40 CFR 63.11(b)(7)(i)	None reported	A ground flare is designed and configured to result in high exit tip velocities while maintaining superior combustion efficiency when compared to a traditional stick flare. A traditional flare stack test on 2/16/10 indicated high velocity.	Specific Requirement 373 40 CFR 63.11(b)(7)(ii)
BB.	Title V 2010 Annual Compliance Certification (3/31/11)	3039-V7 3039-V8	South Ground Flare EQT 0284	1/1/10 through 12/31/10	Heat content $\geq 300$ BTU/scf. Determine the net heating value of the gas being combusted by the methods specified in 40 CFR 60.18(c)(3)(ii)	None reported	The south ground flare combusts a significant portion of low-BTU hydrogen which burns very well but pulls down the overall BTU content of the gas being combusted. A traditional flare stack test on 2/16/10 indicated a low BTU content for this gas due to the hydrogen.	Specific Requirement 388 40 CFR 60.18(c)(3)(ii)
CC.	Title V 2010 Annual Compliance Certification (3/31/11)	3039-V7	South Ground Flare EQT 0284	3/4/10	Design and operate for no visible emissions, as determined by the methods specified in 40 CFR 60.18(f), except for periods not to exceed a total	None reported	Emergency shutdown of the hydrocracker unit resulted in high opacity intermittently for 43 minutes.	Specific Requirement 386 40 CFR 60.18(c)(1)

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	OPERATING PARAMETER	POLLUTANTS INVOLVED	REPORTED CAUSE.	REGULATORY or PERMIT REQUIREMENTS
					of 5 minutes during any two consecutive hours			
DD.	Title V 2010 Annual Compliance Certification (3/31/11)	3039-V7 3039-V8	South Ground Flare EQT 0284	1/1/10 through 12/31/10	Exit Velocity >=60 and < 400 ft/sec, as determined by the method specified in 40 CFR 63.11(b)(7)(i)	None reported	A ground flare is designed and configured to result in high exit tip velocities while maintaining superior combustion efficiency when compared to a traditional stick flare. A traditional flare stack test on 2/16/10 indicated high velocity.	Specific Requirement 397 40 CFR 63.11(b)(7)(ii)
EE.	Title V 2010 Annual Compliance Certification (3/31/11)	3039-V7 3039-V8	Platformer Heater EQT 0191 EQT 0192 EQT 0193	1/9/10 through 12/31/10	Nitrogen dioxide <= 0.02 lb/MMBTU annual average. Equipped with Ultra Low NOX Burners (UNLB) without air preheat.	NO <sub>2</sub>	Upon start-up of the unit on 1/9/10, the original burners could not meet the NO <sub>2</sub> requirement because of a design flaw by John Zink. During 2010, all the original burners were changed out with new, more effective (lower NO <sub>2</sub> ) burners; work still continues.	Specific Requirement 99 Specific Requirement 112 Specific Requirement 118 40 CFR 52.21
FF.	Louisiana Consolidated Fugitive Emission Program Semiannual Report (8/13/10)	(*Not Reported)	Tag # 635679, a pump with equipment number 63-1554-02 (*need FUG)	First Half 2010	Post inspection repair to be conducted immediately after repair attempt to confirm a repair was successful.	(*Not reported)	A pump was a leaking item on the Delays of Repair list. It was repaired, but no monitoring event was conducted at the time of repair. Therefore, the pump remained on the DOR list. It was found leaking again during the next monthly monitoring event.	Louisiana MACT Determination for Refineries dated July 26, 1994 40 CFR 60 Subpart GGGa
GG.	Louisiana Consolidated Fugitive Emission Program Semiannual Report (8/13/10)	(*Not Reported)	Tag # 636466, a valve (*need FUG)	First Half 2010	When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected.	(*Not Reported)	Valve was repaired 18 days after it was initially discovered leaking.	Louisiana MACT Determination for Refineries dated July 26, 1994 40 CFR 60 Subpart GGGa
KH.	Louisiana Consolidated Fugitive Emission Program Semiannual Report (8/13/10)	(*Not Reported)	Tag # 275573, a valve (*need FUG)	First Half 2010	Post inspection repair to be conducted immediately after repair attempt to confirm a repair was successful.	(*Not Reported)	Valve was repaired, but no instrument reading verifying the date was recorded in the database.	Louisiana MACT Determination for Refineries dated July 26, 1994 40 CFR 60 Subpart GGGa

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	OPERATING PARAMETER	POLLUTANTS INVOLVED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
II.	Louisiana Consolidated Fugitive Emission Program Semiannual Report (8/13/10)	(*Not Reported)	Tag # 261851, a valve (*need FUG)	First Half 2010	Repair of equipment on delay of repair shall occur before the end of the next process unit shutdown.	(*Not reported)	A valve was a leaking item on the Delay of Repair list. It was not repaired during the unit Turnaround shutdown. The root valve allowing the instrument block to be isolated was replaced. Therefore, upon discovery that the component repair had been overlooked, it was isolated and repaired.	Louisiana MACT Determination for Refineries dated July 26, 1994 40 CFR 60 Subpart GGGa
JJ.	Louisiana Consolidated Fugitive Emission Program Semiannual Report (8/13/10)	(*Not reported)	(*Not Reported)	First Half 2010	Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve and shall seal the open end at all times.	None reported	During the reporting period, a total of 19 open-ended lines (OEL) were identified in self-audits that are conducted on a monthly basis. All were corrected at the time of discovery	Louisiana MACT Determination for Refineries dated July 26, 1994 40 CFR 60 Subpart GGGa
KK.	Third Quarter 2010 NSPS Subpart Ja Report (10/29/10)	2580-00013-V0	Unit 25 FCCU Regenerator Wet Gas Scrubber EQT 0165	9/17/10	Calibrate CEMS Daily	None reported	More than 24 hours elapsed between daily calibrations.	40 CFR 60 Subpart Ja
LL.	Louisiana Consolidated Fugitive Emission Program Semiannual Report (2/15/11)	3039-V8 2580-00013-V0 (*provide permit # for the related emission point)	Valve - Tag No. 2051806	12/27/10 through 1/12/11	When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected.	(*Not reported)	Tag # 2051806, a valve, was found leaking on 12/27/10. It was repaired on 1/12/11, sixteen days after the leak was initially identified. This was due to miscommunication on repair technique.	Louisiana MACT Determination for Refineries dated July 26, 1994 40 CFR 60 Subpart GGGa
MM.	First Quarter 2011 NSPS Subpart Ja Report (4/29/11)	2580-00013-V1	FCC Regenerator Vent EQT 165	1/1/11-3/31/11	Scrubber, liquid to gas ratio (>7.0, 3 hr average)	None Reported	None reported	Specific Requirement No. 1358 of Title V Permit No. 2580-00013-V2

Each deviation from permitted operating parameters is a violation of any applicable permit and associated requirement(s) listed above, LAC 33:III.501.C.4, and La. R.S. 30:2057(A)(1) and 30:2057(A)(2).

## VII.

The Respondent reported the following deviations from monitoring requirements:

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	MONITORING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
A.	2005 First and Second Semiannual Monitoring Reports for Permit	2887-V1 and 2887-V2	Thermal Drying Unit-WW Feed	2005	vapor pressure	Vapor pressure sample not taken	Specific Requirement 79

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	MONITORING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	2887-V1 and V2 (9/30/05 and 3/27/05)		Tank EQT 0051				
B.	2005 First Semiannual Monitoring Report for Permit 2891-V1 (9/30/05)	2891-V1	Cracked Distillate Tank EQT 0075	1/3/05	vapor pressure	(*Provide Cause)	Specific Requirement 31
C.			Ballast Water Tank EQT 0107		vapor pressure		Specific Requirement 521
D.			Phenolic Water Tank EQT 0142		vapor pressure		Specific Requirement 926
E.	2006 Second Semiannual Monitoring Report for Permit 2887-V3 (3/26/07)	2887-V3	Thermal Drying Unit- WW Feed Tank EQT 0051	12/31/04- 12/31/06	vapor pressure	No measurable vapor pressure on product.	Specific Requirement 79 40 CFR 30.116(f)(2)
F.	Semiannual Certification and Inspection Report 40 CFR 60 Subpart QQQ (11/20/07)	(*Not Reported)	CB-14-12 on Unit 14- Distillate Hydrotreater (*need EQT)	May 2007- October 2007	Monthly inspection	Due to RADAR, CB-14-12 was missed during monthly inspections. The issue with the data collection system has since been resolved.	40 CFR 60 Subpart QQQ (*specific CFR requirement)
G.	Title V 2007 1 <sup>st</sup> Semiannual Monitoring Report (9/27/07)	2887-V3	Thermal Drying Unit- WW Feed Tank EQT 0051	Ongoing	Vapor pressure monitored by physical testing once every six months.	Vapor pressure sample was obtained but there was difficulty in running a vapor pressure for this non-typical product – too much sludge and water.	Specific Requirement 64
H.	Title V Second Semiannual Monitoring Form- Permit No. 2887- V6 (3/27/09)	2887-V6	2 pump hubs 4 catch basins	November 2008 And December 2008	(*More information required)	An Instance occurred in which 2 pump hubs and 4 catch basins failed to be monitored in Unit 36.	NSPS Subpart QQQ (40 CFR 60.690)
I.	Title V First Semiannual Monitoring Report – Permit 2887-V5 (9/29/08)	2887-V5	Thermal Drying Unit- WW Feed Tank EQT 0051	Ongoing	Vapor pressure monitored by physical testing once every six months.	Vapor pressure sample was obtained but there was difficulty in running a vapor pressure for this non-typical product- too much sludge and water.	Specific Requirement 57
J.	Title V – 2 <sup>nd</sup> Semiannual Monitoring Form (3/18/11)	2580- 00013-V0	Sweet Naphtha Tank EQT 0078	7/24/10 Through 8/7/10	Secondary seal or closure mechanism monitored by visual inspection/determination semiannually.	The semiannual secondary seal visual inspection was performed 14 days late. Inspection was due 7/24/10, but was inspected on 8/7/10.	Specific Requirement 258 LAC 33:III.2103.D.2.e
K.	Title V – 2 <sup>nd</sup> Semiannual Monitoring Form (3/18/11)	2580- 00013-V0	Ballast Water Tank EQT 0107	7/12/10 through 8/4/10	Inspect the external floating roof, the primary seal, the secondary seal, and fittings each time the vessel is emptied and degassed.	The semiannual secondary seal visual inspection was performed 23 days late. Inspection was due 7/12/10, but was inspected on 8/4/10.	Specific Requirement 685 40 CFR 60.113b(b)(6)
L.	Title V – 2 <sup>nd</sup> Semiannual Monitoring Form (3/18/11)	2580- 00013-V0	Platformate Tank EQT 0085	7/10/10 through 7/15/10	Secondary seal or closure mechanism monitored by visual inspection/determination semiannually.	The semiannual secondary seal visual inspection was performed 5 days late. Inspection was due	Specific Requirement 428 LAC 33:III.2103.D.2.e

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	MONITORING PARAMETER	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
						7/10/10, but was inspected on 7/15/10	
M.	Title V – 2 <sup>nd</sup> Semiannual Monitoring Form (3/18/11)	2580-00013-V0	Gasoline Tank EQT 0117	7/11/10 through 7/15/10	Secondary seal or closure mechanism monitored by visual inspection/determination semiannually.	The semiannual secondary seal visual inspection was performed 4 days late. Inspection was due 7/11/10, but was inspected on 7/15/10.	Specific Requirement 810 LAC 33:III.2103.D.2.e
N.	Title V – 2 <sup>nd</sup> Semiannual Monitoring Form (3/18/11)	2580-00013-V0	Crude Tank EQT 0089	7/14/10 through 7/15/10	Secondary seal or closure mechanism monitored by visual inspection/determination semiannually.	The semiannual secondary seal visual inspection was performed 1 day late. Inspection was due 7/14/10, but was inspected on 7/15/10.	Specific Requirement 461 LAC 33:III.2103.D.2.e
O.	40 CFR 60 Subpart QQQ Semiannual Certification and Inspection Report (7/28/11)	(*Not Reported)	API #2 (*need EQT)	March 2011	Semiannual inspection of the API #2 fixed roof and hatches were not included in the routine QQQ inspection.	(*Provide Cause)	40 CFR 60 Subpart QQQ (*specific CFR requirement)
P.	40 CFR 61 Subpart FF Quarterly Certification/ Compliance Report (7/18/11)	(*Not Reported)	(*Not reported)	June 2011	Collect and analyze samples at least once per month to measure the benzene concentrations of the waste stream exiting the treatment process.	Monthly end of line samples were not taken in June due to scheduling conflicts and expired safety requirements with the contractor.	40 CFR 61.354

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).

#### VIII.

The Respondent reported the following emission exceedances:

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
A.	2640-V3 General Conditions N & R Report (1/5/2005)	2640-V3 PSD-LA-640	Coker Heater EQT 0027	1/3/05	SO <sub>2</sub> (max 30.38 lbs/hr)	(*not provided) 1 hr	A steam valve was closed due to operator error.	40 CFR 60 Subpart J LAC 33:III.905
			unknown		H <sub>2</sub> S (160 ppm 3 hr standard)	(*not provided) 3 – 1 hr periods		
B.	2640-V3 General Condition N & R Report (1/13/2005)	2640-V3	Thermal Oxidizer No. 3 EQT 0031	1/11/05	SO <sub>2</sub> (113.72 lbs/hr)	not provided ( 142.15 lbs calculated)	Liquid hydrocarbon carry-over caused the thermal oxidizer to flame out. Excess SO <sub>2</sub> emissions occurred for 75 minutes.	40 CFR 60 Subpart J LAC 33:III.501.C.4
					H <sub>2</sub> S (<0.01 lbs/hr)	(*not provided)		
					SO <sub>2</sub> 12 hour rolling average	(*not provided)		
					opacity (<20%)	(*not provided)		

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
					H <sub>2</sub> S	>1 lb		
C.	Unauthorized Discharge Notification for Incident 79261 (5/27/2005)	2640-V3	thermal oxidizers (*need EQT)	5/22/05	H <sub>2</sub> S	22 lbs	A local pressure controller closed due to high pressure causing the thermal oxidizers to smoke and generate excess emissions.	LAC 33:III.501.C.4
					opacity (<20%)	30 mins		
D.	2640-V3 General Conditions N & R Report (6/24/05)	2640-V3	FCC Unit (*need EQT)	6/23/05	CO (500 ppm)	596.43 ppm	An incorrect set point was entered on the Fractionator due to operator error.	40 CFR 60.103(a) LAC 33:III.905
E.	Unauthorized Discharge Notification for Incident 80153 (7/1/2005)	2891-V1	Tank 150-6 EQT 0076	6/28/05	Benzene (3.78 lbs)	102 lbs	On June 26, 2005, a level indicator failed, indicating a problem with the tank. Two days later an operator noticed the roof had sunk.	LAC 33:III.905
					Ethylbenzene (1.04 lbs)	11 lbs		
					n-Hexane (11.56 lbs)	348 lbs		
					2,2,4 - Trimethylpentane (15.07 lbs)	175 lbs		
					Cumene (0.11 lbs)	0.41 lbs		
					Naphthalene (0.33 lbs)	0.45 lbs		
					Toluene (26.74 lbs)	115 lbs		
					Xylene (5.26 lbs)	45 lbs		
					VOCs (1098.68 lbs)	24,916 lbs		
F.	Unauthorized Discharge Notification for Incident 81304 (8/19/05)	2893-V1	North Flare EQT 0162	8/14/05	opacity (<20%)	20 mins	Low pressure in the product separator caused the recycle gas compressor in the GDU to shutdown and the Splitter to overpressure and relieve to the flare.	LAC 33:III.501.C.4
					hydrocarbons	1,327 lbs		
					HRVOCs	81 lbs		
G.	2005 Consolidated Second Quarter General Condition (X.C and R.3 Report (9/16/05)	(*not provided)	FCC Unit (*need EQT)	6/23/2005	CO (500 ppm)	(*not provided)	Incorrect pressure set point was entered for the FCCU Main Fractionator.	LAC 33:III.501.C.4
H.	2005	(*not	Unit 45	7/22/05	SO <sub>2</sub>	SO <sub>2</sub>	Unit 47 amine	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Consolidated Third Quarter General Condition IX.C and R.3 Report (12/21/05)	provided)	Thermal Oxidizer (*need EQT)		(500 ppm)	Above 500 ppm for 14 mins	level was upset while inventorying amine to the Gasoline Desulf Unit for unit startup.	
I.	General Condition XI.C First Quarter Report - 2007 (6/22/07)	2893-V3	North Flare EQT 0162	1/11/07	NO <sub>x</sub> (3.52 lbs/hr)	17.14 lbs	Fuel gas imbalance (excess gas from FCCU) resulted in over-pressuring mix drum causing a release to flare. The duration of the incident was 82 minutes.	LAC 33:III.501.C.4
				SO <sub>2</sub> (1.20 lbs/hr)	0.87 lbs**			
				VOC Olefins (7.90 lbs/hr)	38.61 lbs 13.80 lbs			
J.	General Condition XI.C First Quarter Report - 2007 (6/22/07)	2893-V3	South Flare EQT 0160	1/22/07	NO <sub>x</sub> (2.84 lbs/hr)	24.31 lbs	Both offsite Shell Offgas Compressors shut down which resulted in Unit 21 fuel gas being routed to flare. The duration of the incident was 196 minutes.	LAC 33:III.501.C.4
				VOC Olefins (2.92 lbs/hr)	36.59 lbs 1.98 lbs			
K.	General Condition XI.C First Quarter Report - 2007 (6/22/07)	2893-V3	North Flare EQT 0162	1/23/07	SO <sub>2</sub> (1.20 lbs/hr)	0.78 lbs**	Both offsite Shell Offgas Compressors shut down which resulted in Unit 21 fuel gas being routed to flare. The duration of the incident was 98 minutes intermittently.	LAC 33:III.501.C.4
				Olefins (VOC 7.90 lbs/hr)	11.63 lbs			
L.	General Condition XI.C First Quarter Report - 2007 (6/22/07)	2893-V3	South Flare EQT 0160	1/23/07	SO <sub>2</sub> (1.32 lbs/hr)	0.03 lbs**	Both offsite Shell Offgas Compressors shut down which resulted in Unit 21 fuel gas being routed to flare. The duration of the incident was 824 minutes intermittently.	LAC 33:III.501.C.4
				NO <sub>x</sub> (2.84 lbs/hr)	131.57 lbs			
				VOC Olefins (2.92 lbs/hr)	198.05 lbs 10.73 lbs			
M.	General Condition XI.C First Quarter Report - 2007	2893-V3	North Flare EQT 0162	1/24/07	VOC (7.90 lbs/hr)	80.8 lbs	Units purging normal butane rundown to take line out of service for replacement.	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	(6/22/07)						The duration of the incident was 645 minutes intermittently.	
N.	General Condition XI.C First Quarter Report – 2007 (6/22/07) And First Quarter 2007 NSPS Subpart J Report (4/30/07)	2893-V4	South Flare EQT 0160	1/30/07	H <sub>2</sub> S (not permitted)	0.001 lbs	Drained the Crude Overhead suction drum to flare. The H <sub>2</sub> S content was 300 ppm. The duration of the incident was 10 minutes.	40 CFR 60.104(a)(1) LAC 33:III.501.C.4
					SO <sub>2</sub> (1.32 lbs/hr)	0.388 lbs**		
O.	General Condition XI.C First Quarter Report – 2007 (6/22/07)	2893-V4	South Flare EQT 0160	2/5/07	VOC Olefins (2.92 lbs/hr)	577.43 lbs 1.20 lbs	Depressured butane drum for the LPG Truck unloading rack for annual regulatory inspection. The duration of the incident was 240 minutes.	LAC 33:III.501.C.4
P.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	2893-V6A	South Flare EQT 0160	1/4/08	NO <sub>x</sub> (5.61 lbs/hr)	16.33 lbs	Fuel gas mix drum pressure to flare opened as sweet fuel gas to flare was already open 100% due to units shutting down for turnaround work. Put unit 42 boiler on fuel gas to help with pressure. The duration of the incident was 108 minutes.	LAC 33:III.501.C.4
					VOC Olefins (12.36 lbs/hr)	41.66 lbs 6.89 lbs		
Q.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	2893-V6A	South Flare EQT 0160	1/7/08	VOC HRVOC (12.36 lbs/hr)	5.04 lbs** 0.53 lbs**	Unit 19 Amine Oil Separator overpressure while using fuel gas to pressure amine into the vessel, relief valve open to flare. The duration of this incident was 5 minutes.	LAC 33:III.501.C.4
					H <sub>2</sub> S (not permitted)	0.06 lbs		
					CO (15.28 lbs/hr)	24.13 lbs		
					NO <sub>x</sub> (5.61 lbs/hr)	4.07 lbs**		

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
R.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	2893-V6A	South Flare EQT 0160	1/10/08	NO <sub>x</sub> (5.61 lbs/hr)	65.06 lbs	CAT unit upset pressured up Fuel gas Mix Drum, 43PCS355 opened to flare. Open 216431C 43 mix drum vent controller and closed 43PCS355 fuel gas drum pressure flare valve. The duration of this incident was 266 minutes.	LAC 33:III.501.C.4
					VOC Olefins (12.36 lbs/hr)	165.96lbs 27.43 lbs		
S.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	2893-V6A	South Flare EQT 0160	1/11/08	NO <sub>x</sub> (5.61 lbs/hr)	20.63 lbs	Shell shutdown one of their compressors due to high H <sub>2</sub> S spike in the fuel gas to Shell. Flare valve from mix drum opened due to Shell loosing one compressor. The duration of the incident was 71 minutes.	LAC 33:III.501.C.4
					VOC Olefins (12.36 lbs/hr)	52.63 lbs 8.70 lbs		
T.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	2893-V6A	South Flare EQT 0160	1/14/08	NO <sub>x</sub> (5.61 lbs/hr)	8.53 lbs	Both Shell Off gas compressors shutdown due to personnel working in the area and hit the lockout switch. The duration of this incident was 102 minutes.	LAC 33:III.501.C.4
					VOC (12.36 lbs/hr)	25.34 lbs		
U.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	2893-V6A	South Flare EQT 0160	1/15/08	NO <sub>x</sub> (5.61 lbs/hr)	10.38 lbs	CO-1 Norco shutdown one Shell Off Gas Compressor due to unit problems. The duration of the incident was 102 minutes.	LAC 33:III.501.C.4
					VOC Olefins (12.36 lbs/hr)	26.49 lbs 4.38 lbs		
V.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	2893-V6A	North Flare EQT 0162	1/16/08	VOC HRVOC (7.90 lbs/hr)	20.18 lbs 9.22 lbs	26-1304 Aftercooler Leak: Shell side depressure to flare. Picked up high LEL reading at Cat Cooling	40 CFR 60.104(a)(1) LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	And First Quarter 2008 NSPS Subpart J Report (4/30/08)				H <sub>2</sub> S (not permitted)	0.02 lbs	Tower. Investigation was done for the PGC Aftercooler Trim Cooler and found process side of the exchangers were leaking into the cooling water side of the exchanger. The H <sub>2</sub> S content was unknown. The duration of the incident was 240 minutes.	
					NO <sub>x</sub> (3.52 lbs/hr)	0.02 lbs**		
W.	General Condition XLC First Quarter Report – 2008 (6/27/08)	2893-V6A	North Flare EQT 0162	1/29/08	SO <sub>2</sub> (1.20 lbs/hr)	0.01 lbs**	Flaring of Refinery Fuel gas from Unit 43, 43PCS355, due to high pressure on fuel gas header due to Domain 4 dumping hydrogen into fuel gas system. The duration of the incident was 50 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (3.52 lbs/hr)	27.70 lbs		
					VOC Olefins (7.90 lbs/hr)	72.44 lbs 12.29 lbs		
X.	General Condition XLC First Quarter Report – 2008 (6/27/08)	2893-V6A	South Flare EQT 0160	2/2/08	VOC HRVOC (12.36 lbs/hr)	0.53 lbs** 0.40 lbs**	Unit 46 Charge Pump blew a seal and about 10 feet of 8 inch line was depressured to the south flare. The duration of the incident was 600 minutes.	LAC 33:III.501.C.4
					H <sub>2</sub> S (not permitted)	0.01 lbs		
					NO <sub>x</sub> (5.61 lbs/hr)	0.15 lbs**		
Y.	General Condition XLC First Quarter Report – 2008 (6/27/08)	2893-V6A	North Flare EQT 0162	2/2/08	VOC (7.90 lbs/hr)	21.75 lbs	Unit 9 Penex Stabilizer to depressure to flare for waterwash procedure. The duration of the incident was 120 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (3.52 lbs/hr)	6.21 lbs		
Z.	General Condition XLC First Quarter Report – 2008 (6/27/08)	2893-V6A	South Flare EQT 0160	2/16/08	NO <sub>x</sub> (5.61 lbs/hr)	8.70 lbs	Shutdown both Off Gas Compressors going to Shell, high H <sub>2</sub> S in fuel gas. The duration of the	LAC 33:III.501.C.4
					VOC Olefins (12.36 lbs/hr)	22.18 lbs 3.67 lbs		

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							incident was 67 minutes.	
AA.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	2893-V6A	North Flare EQT 0162	3/5/08	VOC (7.90 lbs/hr)	91.6 lbs	The levels on the disulfide separator were not reading correctly causing disulfide oil to overflow to the sand filter. The sand filter was over pressured causing the OS-PSV-7042 to open to flare. The duration of the incident was 1293 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (3.52 lbs/hr)	86.9 lbs		
					CO (2.92 lbs/hr)	472.8 lbs		
BB.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	2893-V6A	North Flare EQT 0162	3/6/08	VOC HRVOC (7.90 lbs/hr)	0.8 lbs** 0.3 lbs**	While performing Unit 5 Flare checklist the natural gas header 5-PSV-7102 was found leaking. Line was cool and sweating. Blocked the Inlet to PSV-7102 then opened the valve and checked for leakage appears to be holding. The duration of the incident was 30 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (3.52 lbs/hr)	19.3 lbs		
					CO (2.92 lbs/hr)	105.1 lbs		
CC.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	2893-V6A	North Flare EQT 0162	3/12/08	VOC HRVOC (7.90 lbs/hr)	11.5 lbs 0.4 lbs	While performing Unit 5 Flare checklist the natural gas header 5-PSV-7102 was found leaking. The duration of the incident was 420 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (3.52 lbs/hr)	289.2 lbs		
					CO (2.92 lbs/hr)	1464.7 lbs		
DD.	General Condition XI.C First Quarter Report –	2893-V6A	North Flare EQT 0162	3/14/08	VOC HRVOC (7.90 lbs/hr)	105.08 lbs 80.10 lbs	Liquid in propylene knock drum at truck rack was boiled off to	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	2008 (6/27/08)				NO <sub>x</sub> (3.52 lbs/hr)	30.27 lbs	flare via 64-PCV-6014. When unloading P/P railcars, valve 64-640052 lifted and put product into the big knockout drum, which in turn went to the flare. The duration of the incident was 15 minutes.	
					CO (2.92 lbs/hr)	164.69 lbs		
EE.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	2893-V6A	North Flare EQT 0162	3/20/08	VOC (7.90 lbs/hr)	23 lbs	Butane Splitter Trim Reboiler tube failure. Transmitter 27-FC-4025 reading spiking. High % LEL reading on the condensate return at 1600 hours. Isolated the Butane Splitter Trim Reboiler. The duration of the incident was 60 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (3.52 lbs/hr)	6.7 lbs		
FF.	General Condition XI.C First Quarter Report – 2008 (6/27/08) And First Quarter 2008 NSPS Subpart J Report (4/30/08)	2893-V6A	North Flare EQT 0162	3/26/08	VOC HRVOC (7.90 lbs/hr)	32.95 lbs 24.14 lbs	The C3/C4 Splitter overhead relief valve, 26-RV-3645 paid off at 311 psig for 3 minutes to flare. The relief valve is set at 330 psig. Verified actual pressure was lower than the set pressure and blocked in RV and opened the bypass. RV was sent out for repair. The H <sub>2</sub> S content was unknown. The duration of the incident was 3 minutes.	40 CFR 60.104(a)(1) LAC 33:III.501.C.4
					NO <sub>x</sub> (3.52 lbs/hr)	9.50 lbs		
					SO <sub>2</sub> (1.20 lbs/hr)	0.09 lbs**		
GG.	General Condition XI.C Second	2893-V6A	South Flare EQT 0160	4/1/08	SO <sub>2</sub> (1.32 lbs/hr)	0.13 lbs**	Marathon shutdown Off gas to Shell	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Quarter Report – 2008 (9/26/08)				NO <sub>x</sub> (5.61 lbs/hr)	83.76 lbs	Compressors due to high H <sub>2</sub> S of 100 ppm. Sweet fuel gas opened to flare to prevent flaring from mix drum. The duration of the incident was 230 minutes.	
					VOC Olefins (12.36 lbs/hr)	222.02 lbs 6.83 lbs		
HH.	General Condition XI.C Second Quarter Report – 2008 (9/26/08) And Second Quarter 2008 NSPS Subpart J Report (7/30/08)	2893-V6A	South Flare EQT 0160	4/3/08	H <sub>2</sub> S (not permitted)	0.772 lbs	Control valve 15LC6142 plugged up which caused flow to the H.P. Stripper to drop off and control valves to the feed heater to drop below trip setting and tripped heater. Also caused a low level in the L.P. Stripper and the L.P. Bottoms pumps to cavitate which led to loss of hot feed to the CAT. 3 feet of 6" pipe was drained to the flare instead of the sewer. The H <sub>2</sub> S content was .22%. The duration of the incident was 1815 hours.	40 CFR 60.104(a)(1) LAC 33:III.501.C.4
					VOC (12.36 lbs/hr)	0.307 lbs**		
II.	General Condition XI.C Second Quarter Report – 2008 (9/26/08)	2893-V6A	South Flare EQT 0160	4/17/08	VOC HRVOC (12.36 lbs/hr)	25.73 lbs 0.28 lbs	Unit upset, Depentanizer tower pressured up and Depent OVHD 22P5V1537 went off to flare. Decreased tower temperature by decreasing hot oil to reboiler and lowered tower pressure. The duration of the incident was 2 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	7.45 lbs		
					CO (15.28 lbs/hr)	40.51 lbs		
II.	General Condition	2893-V6A	North Flare EQT 0162	4/27/08	VOC HRVOC	0.7 lbs** 0.3 lbs**	05-1201 Coke drum pressured	40 CFR 60.104(a)(1)

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	XI.C Second Quarter Report - 2008 (9/26/08) And Second Quarter 2008 NSPS Subpart J Report (7/30/08)				(7.90 lbs/hr)		up due to high foaming in the drum 25 minutes after switch. The Coker suction drum vented to flare. The Drum OVHD was switched over to the B/D. When the pressure came down, it was switched back to the Fractionator to verify that the line was clear. The H <sub>2</sub> S content was unknown. The duration of the incident was 2 minutes.	LAC 33:III.501.C.4
NO <sub>x</sub> (3.52 lbs/hr)					0.4 lbs**			
SO <sub>2</sub> (1.20 lbs/hr)					111.0 lbs			
	General Condition XI.C Second Quarter Report - 2008 (9/26/08)	2893-V6A	South Flare EQT 0160	5/1/08	SO <sub>2</sub> (1.32 lbs/hr)	0.69 lbs**	Shell lost both off gas compressors due to loss of air pressure and compressor station. Opened Unit 21 sweet fuel gas to flare to prevent mix drum valve from opening up. The duration of the incident was 26 minutes.	LAC 33:III.501.C.4
NO <sub>x</sub> (5.61 lbs/hr)					7.83 lbs			
VOC Olefins (12.36 lbs/hr)					20.74 lbs 0.64 lbs			
LL	General Condition XI.C Second Quarter Report - 2008 (9/26/08)	2893-V6A	South Flare EQT 0160	5/7/08	VOC HRVOC (12.36 lbs/hr)	54.04 lbs 30.52 lbs	Took some pressure off of sphere 25-3 PGLN (nitrogen pressure) by depressuring to the flare. The duration of the incident was 460 minutes.	LAC 33:III.501.C.4
MM.	General Condition XI.C Second Quarter Report - 2008 (9/26/08)	2893-V6A	South Flare EQT 0160	5/14/08	SO <sub>2</sub> (1.32 lbs/hr)	0.65 lbs**	Shell compressors down, flared 21HC6431 (sweet fuel gas) to flare to maintain fuel gas header pressure. The duration of the incident was	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	14.32 lbs		
					VOC Olefins (12.36 lbs/hr)	37.95 lbs 1.17 lbs		

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							275 minutes.	
NN.	General Condition XI.C Second Quarter Report - 2008 (9/26/08)	2893-V6A	South Flare EQT 0160	6/7/08	SO <sub>2</sub> (1.32 lbs/hr)	0.98 lbs**	21 HC6431 sweet fuel gas to flare and 43PC5355 fuel gas mix drum to flare opened due to shell losing both compressors. Unit 42 swapped their boiler to fuel gas to help with pressure. The duration of the incident was 54 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	18.29 lbs		
					VOC Olefins (12.36 lbs/hr)	48.49 lbs 1.49 lbs		
OO.	General Condition XI.C Second Quarter Report - 2008 (9/26/08)	2893-V6A	South Flare EQT 0160	6/7/08	SO <sub>2</sub> (1.32 lbs/hr)	1.56 lbs	Shell lost both compressors and the unit 21 flare valve 21HC6431 sweet fuel gas opened. Unit 42 swapped their boiler to fuel gas to help with pressure. The duration of the incident was 74 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	24.70 lbs		
					VOC Olefins (12.36 lbs/hr)	65.48 lbs 2.02 lbs		
PP.	General Condition XI.C Second Quarter Report - 2008 (9/26/08)	2893-V6A	South Flare EQT 0160	6/6-7/08	VOC HRVOC (12.36 lbs/hr)	155.52 lbs 0.10 lbs	Started flaring sphere 25-6 due to pressure build up to 55#. Switched Iso R/D to sphere 25-5. The duration of the incident was 480 minutes.	LAC 33:III.501.C.4
QQ.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	7/8/08	SO <sub>2</sub> (1.32 lbs/hr)	0.35 lbs**	Both Shell Compressors shutdown opened 21PC6431 (sweet fuel gas to flare). The duration of the incident was 36 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	7.57 lbs**		
					VOC Olefins (12.36 lbs/hr)	20.07 lbs 0.62 lbs		
RR.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V3A	South Flare EQT 0160	7/8/08	SO <sub>2</sub> (1.32 lbs/hr)	0.47 lbs**	Both Shell Compressors shutdown opened 21PC6431 (sweet fuel gas to flare). The duration of the	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	9.51 lbs		
					VOC Olefins	25.21 lbs 0.78 lbs		

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
					(12.36 lbs/hr)		Incident was 72 minutes.	
SS.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	7/15/2008	SO <sub>2</sub> (1.32 lbs/hr)	0.27 lbs**	Sweet fuel gas from Unit 21 to flare. Cat Unit startup. Shell Compressors down. Vented treated sweet fuel gas from U-21 FGA to prevent release of CAT olefins to flare header. The duration of the incident was 27 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	6.82 lbs		
					VOC Olefins (12.36 lbs/hr)	18.07 lbs 0.56 lbs		
TT.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	7/15/08	SO <sub>2</sub> (1.32 lbs/hr)	0.65 lbs**	Sweet fuel gas from Unit 21 to flare. Cat Unit startup. Shell Compressors down. Vented treated sweet fuel gas from U-21 FGA to prevent release of CAT olefins to flare header. The duration of the incident was 100 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	16.45 lbs		
					VOC Olefins (12.36 lbs/hr)	43.59 lbs 1.34 lbs		
UU.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	7/15/08	SO <sub>2</sub> (1.32 lbs/hr)	5.94 lbs	21PC6431 sweet fuel gas to flare opened because CAT Unit started up in the fuel gas header. Monitored valve to ensure only the sweet fuel gas flare valve opened. The duration of the incident was 351 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	82.28 lbs		
					VOC Olefins (12.36 lbs/hr)	218.09 lbs 6.71 lbs		
VV.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	North Flare EQT 0162	7/15/08	NO <sub>x</sub> (3.52 lbs/hr)	15.80 lbs	43-PC-5355 fuel gas from mbx drum pressure controller opened to flare due to domain 3 starting up. The duration of the incident 58 minutes.	LAC 33:III.501.C.4
					VOC Olefins (7.90 lbs/hr)	40.30 lbs 6.66 lbs		
WW.	General Condition	2893-V6A	South Flare EQT 0160	8/3/08	SO <sub>2</sub> (1.32 lbs/hr)	2.01 lbs	Fuel gas mbx drum flare valve	LAC 33:III.501.C.4

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	XI.C Third Quarter Report- 2008 (12/18/08)				NO <sub>x</sub> (5.61 lbs/hr)	39.17 lbs	opened due to CAT unit starting up and both Shell compressors are down. Put Unit 42 boiler on fuel gas. The duration of the incident was 107 minutes.	
					VOC Olefins (12.36 lbs/hr)	103.81 lbs 3.20 lbs		
XX.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	8/7/08	VOC HRVOC (12.36 lbs/hr)	54.05 lbs 1.48 lbs	Flaring sphere 10-3 due to high pressure on Tank 198 psi. Units unable to get out on Ce R/D due to high pressure in sphere 10-3. The duration of the incident was 60 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	15.91 lbs		
					CO (15.28 lbs/hr)	86.59 lbs		
YY.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	8/16/08	SO <sub>2</sub> (1.32 lbs/hr)	0.23 lbs	Shell compressor shutdown. Opened 21PC6431 controller to flare to keep mix drum from over pressuring. The duration of the incident was 16 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	4.10 lbs		
					VOC Olefins (12.36 lbs/hr)	10.88 lbs 0.33 lbs		
ZZ.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	8/27/08	SO <sub>2</sub> (1.32 lbs/hr)	0.55 lbs**	Both Shell compressors shutdown which pressured up the fuel gas header causing 21PC6431 sweet fuel gas to the flare. The duration of the incident was 51 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	9.98 lbs		
					VOC Olefins (12.36 lbs/hr)	26.45 lbs 0.81 lbs		
A3.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	North Flare EQT 0162	9/7/08	NO <sub>x</sub> (3.52 lbs/hr)	13.58 lbs	Fuel gas system over pressured (43-PC-5355) fuel gas from mix drum pressure controller opened to flare while trying to lower bullet level. The duration of the incident was 51	LAC 33:III.501.C.4
					VOC Olefins (7.90 lbs/hr)	34.65 lbs 5.73 lbs		

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							minutes.	
B3.		2893-V6A	South Flare EQT 0160	9/8/08	VOC HRVOC (12.36 lbs/hr)	4.95 lbs** 0.31 lbs**	During the Unit 14 Distillate Hydrotreater startup after Hurricane Gustav, a level control valve failure caused liquid carryover to the Unit 32 Amine Unit causing a spike in gas flow rate to the Eocene compressors. While attempting to start a second Eocene compressor for the additional gas flow rate, the compressor that was online tripped, causing the suction drum to relieve to flare for approximately 5 minutes until both compressors were started up.	LAC 33:III.501.C.4
				H <sub>2</sub> S (not permitted)	0.54 lbs			
				NO <sub>x</sub> (5.61 lbs/hr)	1.69 lbs**			
				SO <sub>2</sub> (1.32 lbs/hr)	205.58 lbs			
				CO (15.28 lbs/hr)	9.24 lbs**			
C3.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	9/8/08	SO <sub>2</sub> (1.32 lbs/hr)	5.68 lbs	Fuel gas imbalance resulted in over-pressuring mix drum causing a small release to the flare. Note the Shell Off-Gas Compressors are owned and operated by Shell. The duration of the incident was 488 minutes.	LAC 33:III.501.C.4
				NO <sub>x</sub> (5.61 lbs/hr)	137.40 lbs			
				VOC Olefins (12.36 lbs/hr)	364.19 lbs 11.21 lbs			
D3.	General Condition XI.C Third	2893-V6A	South Flare EQT 0160	9/9/08	SO <sub>2</sub> (1.32 lbs/hr)	0.98 lbs**	Fuel gas imbalance resulted in	LAC 33:III.501.C.4

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	Quarter Report- 2008 (12/18/08)				NO <sub>x</sub> (5.61 lbs/hr)	36.34 lbs	over-pressuring mix drum causing a small release to the flare. Note the Shell Off-Gas Compressors are owned and operated by Shell. The duration of the incident was 349 minutes.	
					VOC Olefins (12.36 lbs/hr)	96.31 lbs 2.96 lbs		
E3.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	9/9/08	SO <sub>2</sub> (1.32 lbs/hr)	92.0 lbs	Fuel gas imbalance resulted in over-pressuring mix drum causing a small release to the flare. Note the Shell Off-Gas Compressors are owned and operated by Shell. The duration of the incident was 5010 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	1536.05 lbs		
					VOC Olefins (12.36 lbs/hr)	4071.48 lbs 125.32 lbs		
F3.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	9/13/08	SO <sub>2</sub> (1.32 lbs/hr)	4.61 lbs	Fuel gas imbalance resulted in over-pressuring mix drum causing a small release to the flare. Note the Shell Off-Gas Compressors are owned and operated by Shell. The duration of the incident was 124 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	56.20 lbs		
					VOC Olefins (12.36 lbs/hr)	148.97 lbs 4.59 lbs		
G3.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	9/16/08	SO <sub>2</sub> (1.32 lbs/hr)	0.21 lbs**	Shutdown Shell Offgas Compressor (26FC6069) during excursion with Regen/Rx catalyst circulation. Shutdown due to hydrogen levels on offgas. The duration of the incident was 157 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	11.92 lbs		
					VOC Olefins (12.36 lbs/hr)	31.58 lbs 0.97 lbs		

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H3.	General Condition X1.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	9/22/08	SO <sub>2</sub> (1.32 lbs/hr)	1.24 lbs**	Fuel gas imbalance resulted in over-pressuring mix drum causing a small release to the flare. Note the Shell Off-Gas Compressors are owned and operated by Shell. The duration of the incident was 173 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	36.51 lbs		
					VOC Olefins (12.36 lbs/hr)	96.79 lbs 2.89 lbs		
I3.	General Condition X1.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	9/22/08	SO <sub>2</sub> (1.32 lbs/hr)	0.29 lbs**	Fuel gas imbalance resulted in over-pressuring mix drum causing a small release to the flare. Note the Shell Off-Gas Compressors are owned and operated by Shell. The duration of the incident was 35 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	9.54 lbs**		
					VOC Olefins (12.36 lbs/hr)	25.28 lbs 0.78 lbs		
I3.	General Condition X1.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	9/22/08	SO <sub>2</sub> (1.32 lbs/hr)	0.28 lbs**	Fuel gas imbalance resulted in over-pressuring mix drum causing a small release to the flare. Note the Shell Off-Gas Compressors are owned and operated by Shell. The duration of the incident was 102 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	11.12 lbs		
					VOC Olefins (12.36 lbs/hr)	29.48 lbs 0.91 lbs		
K3.	General Condition X1.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	9/23/08	VOC HRVOC (12.36 lbs/hr)	16.28 lbs 0.95 lbs	Flared hydrogen off of Unit 12. The duration of the incident was 94 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	0.41 lbs**		
L3.	General Condition X1.C Third Quarter	2893-V6A	South Flare EQT 0160	9/23/08	SO <sub>2</sub> (1.32 lbs/hr)	1.44 lbs	High fuel gas header pressure, Shell compressors off	LAC 33:III.501.C.4

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	Report- 2008 (12/18/08)				NO <sub>x</sub> (5.61 lbs/hr)	42.84 lbs	line due to high H <sub>2</sub> S in Unit 26. Opened sweet fuel gas controller 21PC6431 to flare to keep mix drum with olefins from flaring. The duration of the incident was 118 minutes.	
					VOC Olefins (12.36 lbs/hr)	113.55 lbs 3.49 lbs		
M3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09) And Fourth Quarter 2008 NSPS Subpart J Report (01/30/2009)	2893-V6A	South Flare EQT 0160	10/13/08	VOC HRVOC (12.36 lbs/hr)	1.89 lbs** 0.04 lbs**	The U22 Feed Compressor Interstage Level Control valve was steamed out. While the valve was steaming out, the drum was routed to flare. The H <sub>2</sub> S content was 8.62%. The duration of the incident was 20 minutes.	40 CFR 60.104(a)(1) LAC 33:III.501.C.4
					H <sub>2</sub> S (not permitted)	0.25 lbs		
					NO <sub>x</sub> (5.61 lbs/hr)	0.76 lbs**		
					SO <sub>2</sub> (1.32 lbs/hr)	94.97 lbs		
					CO (15.28 lbs/hr)	4.17 lbs**		
N3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09)	2893-V6A	South Flare EQT 0160	10/29/08	VOC HRVOC (12.36 lbs/hr)	355.11 lbs 19.62 lbs	Shutdown south M/U compressor for maintenance. Started flaring hydrogen from Unit 12 at about 11 mmscf (12-FI-6414) to help refinery fuel gas system. The duration of the incident was 2160 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	8.43 lbs		
O3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09)	2893-V6A	South Flare EQT 0160	11/26/08	SO <sub>2</sub> (1.32 lbs/hr)	54.63 lbs	Both Shell compressors tripped causing 21P6431 sweet fuel gas to open to the flare. The duration of the incident was 13 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	2.88 lbs**		
					VOC Olefins (12.36 lbs/hr)	7.64 lbs** 0.24 lbs**		
P3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09)	2893-V6A	South Flare EQT 0160	12/3/08	SO <sub>2</sub> (1.32 lbs/hr)	0.05 lbs**	Depressured Olefin (179) line to flare. The duration of the incident was 140 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	10.04 lbs		
					VOC Olefins (12.36 lbs/hr)	35.18 lbs 19.29 lbs		
Q3.	General Condition XI.C Fourth	2893-V6A	South Flare EQT 0160	12/4/08	SO <sub>2</sub> (1.32 lbs/hr)	0.44 lbs**	Shell gas compressor went down	LAC 33:III.501.C.4
					NO <sub>x</sub>	15.75 lbs		

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	Quarter Report – 2008 (3/12/09)				(5.61 lbs/hr)		causing high pressure on fuel gas mix drum. 21-P6431C valve open due to high pressure. The duration of the incident was 79 minutes.	
					VOC Olefins (12.36 lbs/hr)	41.76 lbs 1.29 lbs		
R3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09)	2893-V6A	South Flare EQT 0160	12/11/08	SO <sub>2</sub> (1.32 lbs/hr)	0.58 lbs**	Shell off-gas compressor went down due to snow conditions. Opened 21PC5431 to flare excess gas. The duration of the incident was 223 minutes.	LAC 33:III.501.C.4
				NO <sub>x</sub> (5.61 lbs/hr)	29.23 lbs			
				VOC Olefins (12.36 lbs/hr)	77.47 lbs 2.38 lbs			
S3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09)	2893-V6A	South Flare EQT 0160	12/18/08	SO <sub>2</sub> (1.32 lbs/hr)	1.25 lbs**	Flaring sweet fuel gas through Unit 21 fuel gas absorber. The duration of the incident was 337 minutes.	LAC 33:III.501.C.4
				NO <sub>x</sub> (5.61 lbs/hr)	35.92 lbs			
				VOC Olefins (12.36 lbs/hr)	95.21 lbs 2.93 lbs			
T3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09)	2893-V6A	South Flare EQT 0160	12/22/08	SO <sub>2</sub> (1.32 lbs/hr)	0.81 lbs**	Shell lost off- gas compressor. The duration of the incident was 120 minutes.	LAC 33:III.501.C.4
				NO <sub>x</sub> (5.61 lbs/hr)	27.18 lbs			
				VOC Olefins (12.36 lbs/hr)	72.05 lbs 2.22 lbs			
U3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09)	2893-V6A	South Flare EQT 0160	12/22/08	SO <sub>2</sub> (1.32 lbs/hr)	0.96 lbs**	Shell off-gas compressor shutdown. Opened Unit 21 FGA to flare. The duration of the incident was 120 minutes.	LAC 33:III.501.C.4
				NO <sub>x</sub> (5.61 lbs/hr)	30.48 lbs			
				VOC Olefins (12.36 lbs/hr)	80.79 lbs 2.49 lbs			
V3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09)	2893-V6A	South Flare EQT 0160	12/29/08	SO <sub>2</sub> (1.32 lbs/hr)	0.78 lbs**	Shell off-gas compressor shutdown and routed 16mm gas from U26 to the fuel system. Opened flare to relieve pressure 21PC5431C to minimize olefin flaring. The duration of the incident was 134 minutes.	LAC 33:III.501.C.4
				NO <sub>x</sub> (5.61 lbs/hr)	26.19 lbs			
				VOC Olefins (12.36 lbs/hr)	69.42 lbs 2.14 lbs			
W3.	General Condition	2893-V6A	South Flare EQT 0160	1/4/08	NO <sub>x</sub> (5.61 lbs/hr)	16.33 lbs	Fuel gas mix drum pressure	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	XI.C First Quarter Report – 2008 (6/27/08)				VOC Olefins (12.36 lbs/hr)	41.66 lbs 6.89 lbs	to flare opened as sweet fuel gas to flare was already open 100% due to units shutting down for turnaround work. Put unit 42 boiler on fuel gas to help with pressure. The duration of the incident was 108 minutes.	
X3.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Thermal Oxidizer No. 1 EQT 0159	7/1/10	SO <sub>2</sub> (56.86 lbs/hr)	(*Not Reported)	The thermal oxidizer exceeded its maximum hourly SO <sub>2</sub> permit limit for 2 hours due to low boiler feed water level.	LAC 33:III.501.C.4
Y3.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Thermal Oxidizer No. 2 EQT 0161	7/14/10	SO <sub>2</sub> (56.86 lbs/hr)	(*Not Reported)	The thermal oxidizer exceeded its maximum hourly SO <sub>2</sub> permit limit for 1 hour due to the unit unexpectedly tripping during operation.	LAC 33:III.501.C.4
Z3.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Vacuum Heater A/B EQT 0187 EQT 0188	8/6/10	CO (3.10 lbs/hr) (3.10 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 1 hour due to low oxygen levels in the heater.	LAC 33:III.501.C.4
A4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Coker Charge Heater EQT 0173	8/23/10	NO <sub>x</sub> (18.38 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
B4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Thermal Oxidizer No. 2 EQT 0161	9/21/10	SO <sub>2</sub> (56.86 lbs/hr)	(*Not Reported)	This thermal oxidizer exceeded its maximum hourly SO <sub>2</sub> permit limit for 1 hour due to the unit unexpectedly tripping during operation.	LAC 33:III.501.C.4
C4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	9/28/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
D4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	9/28/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
E4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	9/28/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
F4.	Louisiana General Condition	2580- 00013-V0	Crude Atmospheric Heater B	9/28/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)		EQT 0148				hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	
G4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0157	10/4/10	NO <sub>x</sub> (42.72 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 36 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
H4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/4/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
I4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/6/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 6 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
J4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/7/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 5 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
K4.	Louisiana General Condition XI.C and Part 70 General	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/7/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Condition R.3 Second Half Report 2010 (3/31/11)						3 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	
L4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	10/8/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 6 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
M4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	DHT Reactor Charge Heater EQT 0161	10/9/10	NO <sub>x</sub> (4.49 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
N4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	10/9/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
O4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010	2580- 00013-V0	DHT Reactor Charge Heater EQT 0155	10/10/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 7 hours due to the heaters burners	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	(3/31/11)						performing below expectations.	
P4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/13/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 4 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
Q4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/14/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
R4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/14/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 12 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
S4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/14/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
T4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/15/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
U4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/15/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 10 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
V4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/15/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
W4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/15/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
X4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/16/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 9 hours due to the heater running near the permitted firing rate in conjunction with the burners	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							performing below expectations.	
Y4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/16/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
Z4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/16/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
A5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/17/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 7 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
B5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/18/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 4 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
C5.	Louisiana General Condition XI.C and Part 70 General	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/19/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Condition R.3 Second Half Report 2010 (3/31/11)						6 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	
D5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	10/21/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
E5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	GDU Splitter Reboiler EQT 0179	10/21/10	NO <sub>x</sub> (8.44 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
F5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	10/22/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 13 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
G5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	10/23/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	(3/31/11)						the permitted firing rate in conjunction with the burners performing below expectations.	
H5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Coker Charge Heater EQT 0173	10/23/10	NO <sub>x</sub> (18.38 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
I5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/23/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 10 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
J5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Coker Charge Heater EQT 0173	10/28/10	NO <sub>x</sub> (18.38 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
K5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Atmospheric Heater A/B EQT 0185 EQT 0186	11/4/10	CO (7.37 lbs/hr) (7.37 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 1 hour due to low oxygen levels in the heater.	LAC 33:III.501.C.4
L5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half	3039-V7	GME Crude Atmospheric Heater A/B EQT 0185 EQT 0186	11/4/10	CO (7.37 lbs/hr) (7.37 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 1 hour due to low oxygen	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Report 2010 (3/31/11)						levels in the heater.	
M5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Atmospheric Heater A/B EQT 0185 EQT 0186	11/4/10	CO (7.37 lbs/hr) (7.37 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 13 hours due to the cleaning of burner tips while running.	LAC 33:III.501.C.4
N5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	11/5/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
O5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Atmospheric Heater A/B EQT 0185 EQT 0186	11/5/10	CO (7.37 lbs/hr) (7.37 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 2 hours due to the cleaning of burner tips while running.	LAC 33:III.501.C.4
P5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	11/6/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 8 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
Q5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	11/7/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 9 hours due to the heater running near the permitted	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							firing rate in conjunction with the burners performing below expectations.	
R5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/7/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations	LAC 33:III.501.C.4
S5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Vacuum Heater A/B EQT 0187 EQT 0188	11/7/10	CO (3.10 lbs/hr) (3.10 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 3 hours due to low oxygen levels in the heater.	LAC 33:III.501.C.4
T5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Vacuum Heater A/B EQT 0187 EQT 0188	11/7/10	CO (3.10 lbs/hr) (3.10 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 2 hours due to low oxygen levels in the heater.	LAC 33:III.501.C.4
U5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Vacuum Heater A/B EQT 0187 EQT 0188	11/8/10	CO (3.10 lbs/hr) (3.10 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 1 hour due to low oxygen levels in the heater.	LAC 33:III.501.C.4
V5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/11/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							burners performing below expectations.	
W5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/12/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
X5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Vacuum Heater A/B EQT 0187 EQT 0188	11/12/10	CO (3.10 lbs/hr) (3.10 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 3 hours due to low oxygen levels in the heater.	LAC 33:III.501.C.4
Y5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/16/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
Z5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/17/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 5 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
A6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-VO	Crude Atmospheric Heater B EQT 0148	11/17/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 8 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
B6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-VO	Crude Atmospheric Heater B EQT 0148	11/18/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 12 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
C6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-VO	Crude Atmospheric Heater B EQT 0148	11/18/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
D6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-VO	Crude Atmospheric Heater B EQT 0148	11/19/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 9 hours due to the heater running near the permitted firing rate in conjunction with the burners performing	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							below expectations.	
E6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	11/20/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
F6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	11/26/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 29 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
G6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	11/27/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
H6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	11/28/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							with the burners performing below expectations.	
16.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/28/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
16.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/28/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 5 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
16.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/11/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
16.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/30/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 54 hours due to the heater running near the permitted	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INGIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							firing rate in conjunction with the burners performing below expectations.	
M6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/1/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
N6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/1/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
O6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/1/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 5 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
P6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/3/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heater	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Report 2010 (3/31/11)						running near the permitted firing rate in conjunction with the burners performing below expectations.	
Q6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater A EQT 0147	12/1/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
R6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	12/3/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 5 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
S6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V8	HCU Fractionator Heater EQT 0199	12/5/10	NO <sub>x</sub> (11.56 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
T6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater A EQT 0147	12/5/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							conjunction with the burners performing below expectations.	
U6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/5/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
V6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/6/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
W6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	FCCU Refrigerator Vent EQT 0163	12/6/10	CO (0.04 lbs/hr)	(*Not Reported)	This source exceeded its maximum hourly CO permit limit due to elevated CO levels during startup using torch oil.	LAC 33:III.501.C.4
X6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/8/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							expectations.	
Y6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Vacuum Heater A/B EQT 0187 EQT 0188	12/8/10	CO (3.10 lbs/hr) (3.10 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 1 hour due to low oxygen levels in the heater.	LAC 33:III.501.C.4
Z6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Atmospheric Heater A/B EQT 0185 EQT 0186	12/9/10	CO (7.37 lbs/hr) (7.37 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 1 hour due to low oxygen levels in the heater.	LAC 33:III.501.C.4
A7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/9/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
B7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/9/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
C7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/13/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							firing rate in conjunction with the burners performing below expectations.	
D7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/13/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
E7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/9/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
F7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 155	12/14/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
G7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/16/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							burners performing below expectations.	
H7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/17/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
I7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/17/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
J7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/22/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
K7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/23/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							conjunction with the burners performing below expectations.	
L7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/23/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
M7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/23/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
N7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/23/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
O7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010	3039-V8	HCU Fractionator Heater EQT 0199	12/23/10	NO <sub>x</sub> (11.56 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit/limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	(3/31/11)						performing below expectations.	
P7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/25/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 8 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
Q7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/25/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
R7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/26/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
S7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/26/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit/limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							with the burners performing below expectations.	
T7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/26/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
U7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/26/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 11 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
V7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/26/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
W7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/27/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							firing rate in conjunction with the burners performing below expectations.	
X7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/28/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
Y7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/28/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
Z7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/29/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
A8.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/29/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Report 2010 (3/31/11)						running near the permitted firing rate in conjunction with the burners performing below expectations.	
B8.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V8	HCU Fractionator Heater EQT 0199	12/30/10	NO <sub>x</sub> (11.56 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
C8.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V8	HCU Fractionator Heater EQT 0199	12/30/10	NO <sub>x</sub> (11.56 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 5 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
D8.	Second Quarter 2010 NSPS Subpart J Report (7/30/10)	(*Not Reported)	Unit 243 Fuel Gas (*need EQT)	6/29/10	H <sub>2</sub> S (160 ppmv three hour average)	185.5 ppmv	(*Unknown Cause)	40 CFR 60 Subpart J
E8.	Second Quarter 2010 NSPS Subpart J Report (7/30/10)	(*Not Reported)	Unit 25 Charge Heater (*need EQT)	4/19/10 5/13/10 5/25/10 5/26/10	The Concentration of DGA must be kept >= 40 wt%	39.7 wt% 39.9 wt% 39.7 wt% 39.8 wt%	(*Process Problems)	40 CFR 60 Subpart J
F8.	Second Quarter 2010 NSPS Subpart J Report (7/30/10)	(*Not Reported)	Unit 5 Coker Charge Heater (*need EQT)	4/26/10	The Concentration of DGA must be kept >= 40 wt%	39.44 wt%	(*Unknown Cause)	40 CFR 60 Subpart J
G8.	Third Quarter 2010 NSPS Subpart J Report (10/29/10)	(*Not Reported)	Unit 5 Coker Charge Heater (*need EQT)	9/23/10	The Concentration of DGA must be kept >= 40 wt%	39.5 wt%	(*Unknown Cause)	40 CFR 60 Subpart J
H8.	Third Quarter 2010 NSPS Subpart J Report (10/29/10)	(*Not Reported)	Unit 25 Charge Heater (*need EQT)	7/18/10 8/10/10	The Concentration of DGA must be kept >= 40 wt%	38.6 wt% 37.8 wt%	(*Not Reported)	40 CFR 60 Subpart J
I8.	Third Quarter 2010 NSPS Subpart J Report (10/29/10)	(*Not Reported)	Unit 59 South Emergency Flare (*need EQT)	8/31/10	H <sub>2</sub> S (230 mg/dscm concentration)	2.44 lbs	Crude Unit 10 stabilizer overhead PSV lifted for 1 minute to the	40 CFR 60 Subpart J 40 CFR 60.104(a)(1)

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							south flare.	
J8.	Fourth Quarter 2010 NSPS Subpart J Report (1/28/11)	(*Not Reported)	Unit 5 Coker Charge Heater (*need EQT)	10/27/10	The Concentration of DGA must be kept >= 40 wt%	38.4 wt%	(*Unknown Cause)	40 CFR 60 Subpart J
K8.	Fourth Quarter 2010 NSPS Subpart J Report (1/28/11)	(*Not Reported)	Unit 25 Charge Heater (*need EQT)	10/16/10	The Concentration of DGA must be kept >= 40 wt%	37.7 wt%	(*Not reported)	40 CFR 60 Subpart J
				11/19/10		37.7 wt%		
L8.	Fourth Quarter 2010 NSPS Subpart J Report (1/28/11)	(*Not Reported)	Unit 59 South Emergency Flare (*need EQT)	10/29/10	H <sub>2</sub> S (230 mg/dscm concentration)	(*Not Reported)	Isobutane sample station 1' flare was left open 10% after sampling.	40 CFR 60 Subpart J
M8.	Fourth Quarter 2010 NSPS Subpart J Report (1/28/11)	(*Not Reported)	Unit 59 South Emergency Flare (*need EQT)	11/23/10	H <sub>2</sub> S (230 mg/dscm concentration)	8.2 lbs	Due to an unexpected change in the feed composition to U15, the high pressure stripper column 151102 overfilled with liquid causing an overpressure scenario.	40 CFR 60 Subpart J
N8.	Consent Degree Semiannual Progress Report (7/29/11)	2580-00013-V1	HGO Charge Heater Unit 15 (*need EQT)	1/23/11	NOx (68.36 lbs/hr)	68.6-277.3 lbs/hr for six hours	(*Not Reported)	LAC 33:III.501.C.4
O8.	Consent Degree Semiannual Progress Report (7/29/11)	2580-00013-V1	Rose Hot Oil Heater (EQT 0170)	1/25/11	NOx (27.11 lbs/hr)	54.5-59.4 lb/hr for two hours	(*Not Reported)	LAC 33:III.501.C.4
P8.	Compliance Stack Test Results (5/9/11)	2580-00013-V2	Boiler No.1 (EQT 0171)	3/24-25/11	CO (1.40 max lb/hr)	(*Not Reported)	Exceeded the maximum pounds per hour permit limit for CO during a compliance test.	LAC 33:III.501.C.4 2580-00013-V2
Q8.	Refinery MACT II First Semiannual Compliance Report (7/28/11) Second Quarter 40 CFR 60 Subpart J	2580-00013-V2	Thermal Oxidizer No.1 EQT 0159 or Thermal Oxidizer No.2 EQT 0161 or Thermal Oxidizer	4/8/11	SO <sub>2</sub> (250 ppm)	SO <sub>2</sub> range was 1238.4-1243.8 ppm for 12 hours	None reported	Specific Requirement Nos. (EQT 0159) 1243 and 1246 or (EQT 0161) 1282 and 1285 or (EQT 0174) 1445 and 1449 (*provide EQT for

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Report (7/29/11)		No.3 EQT 0174 (*provide EQT for Unit 34)					Unit 34)
R8.	Refinery MACT II First Semiannual Compliance Report (7/28/11) Second Quarter 40 CFR 60 Subpart J Report (7/29/11)	2580- 00013-V2	Thermal Oxidizer No.1 EQT 0159 or Thermal Oxidizer No.2 EQT 0161 or Thermal Oxidizer No.3 EQT 0174 (*provide EQT for Unit 45)	4/8/11	SO <sub>2</sub> (250 ppm)	SO <sub>2</sub> range was 964.6-986.4 ppm for 11 hours	None reported	Specific Requirement Nos. (EQT 0159) 1243 and 1246 or (EQT 0161) 1282 and 1285 or (EQT 0174) 1445 and 1449 (*provide EQT for Unit 45)
S8.	Louisiana General Condition XI.C and Part 70 General Condition R Report (9/30/11)	2580- 00013-V1	FCCU Regenerator Vent EQT 0155	2/2/11	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	CO promoter was over injected into the system causing the NO <sub>x</sub> emissions to increase above the maximum permitted lbs/hr limit.	LAC 33:III.501.C.4
T8.	Louisiana General Condition XI.C and Part 70 General Condition R Report (9/30/11)	2580- 00013-V1	FCCU Regenerator Vent EQT 0155	2/21/11	CO (*permit limit)	(*Not Reported)	This source exceeded its maximum hourly CO ppm limit due to accelerated CO levels during unit shutdown.	LAC 33:III.501.C.4
U8.	Louisiana General Condition XI.C and Part 70 General Condition R Report (9/30/11)	2580- 00013-V1	North Flare EQT 0162	2/21/11	NO <sub>x</sub> (2.90 lbs/hr) CO (3.15 lbs/hr) SO <sub>2</sub> (13.71 lbs/hr) VOC (21.05 lbs/hr) H <sub>2</sub> S (0.13 lbs/hr) PM <sub>10</sub> (0.19 lbs/hr)	7.321 lbs 6.155 lbs 0.025 lbs** 0.403 lbs** <0.001 lbs** 0.560 lbs	A pressure relief valve released fuel gas to the north flare via 43PC5355.	LAC 33:III.501.C.4
V8.	Louisiana General Condition XI.C and Part 70 General Condition R Report (9/30/11)	2580- 00013-V2	South Flare EQT 0160	4/8/11	NO <sub>x</sub> (155.87 lbs/hr) CO (141.36 lbs/hr) SO <sub>2</sub> (3.78 lbs/hr) VOC (601.19 lbs/hr) H <sub>2</sub> S (0.02 lbs/hr)	286.251 lbs 240.684 lbs 14.422 lbs 15.773 lbs 0.156 lbs	A pressure relief valve released sweet fuel gas to the south flare via 21PC6431.	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
					PM <sub>10</sub> (11.91 lbs/hr)	21.907 lbs		
W8.	Louisiana General Condition XI.C and Part 70 General Condition R Report (9/30/11)	2580-00013-V2	South Flare EQT 0160	4/9/11	NOx (155.87 lbs/hr)	573.221 lbs	A pressure relief valve released sweet fuel gas to the south flare via 21PC6431.	LAC 33:III.501.C.4
					CO (141.36 lbs/hr)	481.973 lbs		
					SO <sub>2</sub> (3.78 lbs/hr)	2.031 lbs**		
					VOC (601.19 lbs/hr)	31.586 lbs		
					H <sub>2</sub> S (0.02 lbs/hr)	0.022 lbs		
					PM <sub>10</sub> (11.91 lbs/hr)	43.869 lbs		
X8.	Louisiana General Condition XI.C and Part 70 General Condition R Report (9/30/11)	2580-00013-V2	South Flare EQT 0160	4/10/11	NOx (155.87 lbs/hr)	464.383 lbs	A pressure relief valve released sweet fuel gas to the south flare via 21PC6431.	LAC 33:III.501.C.4
					CO (141.36 lbs/hr)	390.461 lbs		
					SO <sub>2</sub> (3.78 lbs/hr)	1.908 lbs**		
					VOC (601.19 lbs/hr)	25.588 lbs		
					H <sub>2</sub> S (0.02 lbs/hr)	0.021 lbs		
					PM <sub>10</sub> (11.91 lbs/hr)	35.540 lbs		
Y8.	Louisiana General Condition XI.C and Part 70 General Condition R Report (9/30/11)	2580-00013-V2	South Flare EQT 0160	4/11/11	NOx (155.87 lbs/hr)	387.605 lbs	A pressure relief valve released sweet fuel gas to the south flare via 21PC6431.	LAC 33:III.501.C.4
					CO (141.36 lbs/hr)	325.905 lbs		
					SO <sub>2</sub> (3.78 lbs/hr)	13.344 lbs		
					VOC (601.19 lbs/hr)	21.358 lbs**		
					H <sub>2</sub> S (0.02 lbs/hr)	0.145 lbs		
					PM <sub>10</sub> (11.91 lbs/hr)	29.664 lbs		
Z8.	Louisiana General Condition XI.C and Part 70 General Condition R Report (9/30/11)	2580-00013-V2	North Flare EQT 0162	3/9/11	NOx (2.90 lbs/hr)	9.253 lbs	A pressure relief valve released fuel gas to the north flare via 43PCS355.	LAC 33:III.501.C.4
					CO (3.15 lbs/hr)	7.780 lbs		
					SO <sub>2</sub> (13.71 lbs/hr)	0.454 lbs**		
					VOC (21.05 lbs/hr)	0.510 lbs**		
					H <sub>2</sub> S (0.13 lbs/hr)	0.005 lbs**		
					PM <sub>10</sub> (0.19 lbs/hr)	0.708 lbs		
A9.	Louisiana General Condition XI.C and Part 70 General Condition R Report (9/30/11)	2580-00013-V2	North Flare EQT 0162	4/9/11	NOx (2.90 lbs/hr)	24.271 lbs	A pressure relief valve released fuel gas to the north flare via 43PCS355.	LAC 33:III.501.C.4
					CO (3.15 lbs/hr)	20.408 lbs		
					SO <sub>2</sub> (13.71 lbs/hr)	0.036 lbs**		
					VOC (21.05)	1.337 lbs**		

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
					H <sub>2</sub> S (0.13 lbs/hr)	<0.001 lbs**		
					PM <sub>10</sub> (0.19 lbs/hr)	1.857 lbs		
B9.	Louisiana General Condition XI.C and Part 70 General Condition R Report (9/30/11)	2580-00013-V2	North Flare EQT 0162	4/10/11	NOx (2.90 lbs/hr)	22.877 lbs	A pressure relief valve released fuel gas to the north flare via 43PCS355.	LAC 33:III.501.C.4
				CO (3.15 lbs/hr)	19.235 lbs			
				SO <sub>2</sub> (13.71 lbs/hr)	0.334 lbs**			
				VOC (21.05 lbs/hr)	1.261 lbs**			
				H <sub>2</sub> S (0.13 lbs/hr)	<0.001 lbs**			
				PM <sub>10</sub> (0.19 lbs/hr)	1.751 lbs			
C9.	Louisiana General Condition XI.C and Part 70 General Condition R Report (9/30/11)	2580-00013-V2	North Flare EQT 0162	4/11/11	NOx (2.90 lbs/hr)	12.233 lbs	A pressure relief valve released fuel gas to the north flare via 43PCS355.	LAC 33:III.501.C.4
				CO (3.15 lbs/hr)	10.285 lbs			
				SO <sub>2</sub> (13.71 lbs/hr)	0.027 lbs**			
				VOC (21.05 lbs/hr)	0.674 lbs**			
				H <sub>2</sub> S (0.13 lbs/hr)	<0.001 lbs**			
				PM <sub>10</sub> (0.19 lbs/hr)	0.936 lbs			
D9.	Louisiana General Condition XI.C and Part 70 General Condition R Report (9/30/11)	3039-V9	North Ground Flare EQT 0282	3/10/11	NOx (11.83 lbs/hr)	66.507 lbs	A pressure relief valve released fuel gas to the north ground flare via 243PC0180-V2.	LAC 33:III.501.C.4
				CO (9.90 lbs/hr)	55.920 lbs			
				SO <sub>2</sub> (1.51 lbs/hr)	0.851 lbs**			
				VOC (21.05 lbs/hr)	3.665 lbs**			
				H <sub>2</sub> S (0.05 lbs/hr)	0.009 lbs**			
				PM <sub>10</sub> (0.90 lbs/hr)	5.090 lbs			
E9.	Louisiana General Condition XI.C and Part 70 General Condition R Report (9/30/11)	3039-V9	North Ground Flare EQT 0282	3/16/11	NOx (11.83 lbs/hr)	126.615 lbs	A control valve released fuel gas to the north ground flare via 55PC6878.	LAC 33:III.501.C.4
				CO (9.90 lbs/hr)	106.460 lbs			
				SO <sub>2</sub> (1.51 lbs/hr)	5.228 lbs			
				VOC (21.05 lbs/hr)	6.977 lbs**			
				H <sub>2</sub> S (0.05 lbs/hr)	0.057 lbs			
				PM <sub>10</sub> (0.90 lbs/hr)	9.690 lbs			
F9.	Louisiana General Condition XI.C and Part 70 General Condition R	3039-V9	North Ground Flare EQT 0282	6/4/11	NOx (11.83 lbs/hr)	137.096 lbs	A pressure relief valve released fuel gas to the north ground flare via 243PC0180-V2.	LAC 33:III.501.C.4
				CO (9.90 lbs/hr)	115.273 lbs			
				SO <sub>2</sub> (1.51 lbs/hr)	0.210 lbs**			

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Report (9/30/11)				VOC (21.05 lbs/hr)	7.554 lbs**		
					H <sub>2</sub> S (0.05 lbs/hr)	0.002 lbs**		
					PM <sub>10</sub> (0.90 lbs/hr)	10.492 lbs		

\*\* Amount of pollutant emitted was not above permitted limit, and therefore, it is not a violation of the applicable permit. It is only for informational purposes.

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

### IX.

The Respondent reported the following deviations from fugitive emission requirements:

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS		
A.	2005 First Semiannual Chapter 51 Fugitive Emission Report (5/13/05)	(*Not Reported)	Unit 5 (*need EQT)	October 2005	Due to database error 6 pumps were not monitored in October as required.	Louisiana MACT Determination for Refineries dated July 26, 1994		
B.		2887-V2	Unit 10 FUG 0016					
C.		2887-V2	Unit 11 FUG 0017					
D.		2887-V2	Unit 25 FUG 0030	April 2005			Unit drains were not monitored annually as required in April 2005. The valves were monitored in November 2005.	Louisiana MACT Determination for Refineries dated July 26, 1994
E.		2891-V2	Unit 41 FUG 0049	November 2005			Three leaking valves were not re- monitored within sixty days as required.	Louisiana MACT Determination for Refineries dated July 26, 1994
F.	2005 First Semiannual NSPS Subpart GGG, NESHAP Subpart CC, and LAC 33:III.2121 Fugitive Emission Report (5/13/05)	2887-V2	Unit 7 FUG 0013	October 2005	Due to database error 13 pumps were not monitored in October as required.	40 CFR 60 Subpart GGG		
G.		2887-V2	Unit 9 FUG 0015			40 CFR 63 Subpart CC		
H.		2887-V2	Unit 14 FUG 0019			LAC 33:III.2121		
I.		2887-V2	Unit 22 FUG 0027			40 CFR 63 Subpart CC		
J.		2887-V2	Unit 27 FUG 0032			40 CFR 63 Subpart CC		
K.		2887-V2	Unit 28 FUG 0033			LAC 33:III.2121		
L.		2887-V2	Unit 46 FUG 0040			40 CFR 60 Subpart GGG		
M.		2891-V2	Unit 63 FUG 0050			LAC 33:III.2121		

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
N.	2005 Second Semiannual NSPS Subpart GGG, NESHAP Subpart CC, and LAC 33:III.2121 Fugitive Emission Report (11/14/05)	2887-V2	Unit 50 FUG 0044	September 2005	The Respondent added: 29 drains due to reclassification; 3 pumps due to reclassification; and 29 valves due to retagging. (*were these components previously monitored)	LAC 33:III.2121
O.	2005 Second Semiannual NSPS Subpart GGG, NESHAP Subpart CC, and LAC 33:III.2121 Fugitive Emission Report Supplement (2/14/06)	2887-V2	Unit 9 FUG 0015	December 2005	After retagging, the facility added: 4 compressors; 7 drains; and 460 valves in December. (*were these components previously monitored)	40 CFR 63 Subpart CC
P.	2006 First Semiannual Louisiana Consolidated Fugitive Emission Program Chapter 51 Report (8/15/06)	2887-V2	Unit 16 FUG 021	1/1/06- 6/30/06	After retagging, the facility added: 56 connectors; 52 valves; and 3 drains in June. (*were these components previously monitored)	Specific Requirement 142 Louisiana MACT Determination for Refineries dated July 26, 1994
Q.		2891-V4	Unit 41 FUG 049		After retagging, the facility added: 14 connectors; 13 valves; and 11 drains in May. (*were these components previously monitored)	Specific Requirement 1421 Louisiana MACT Determination for Refineries dated July 26, 1994
R.		2887-V2	Unit 50 FUG 041		After retagging, the facility added: 401 connectors; 326 valves; 17 PRVs; 4 pumps; and 18 drains in April. (*were these components previously monitored)	Specific Requirement 179 Louisiana MACT Determination for Refineries dated July 26, 1994
S.		2887-V2	Unit 67 FUG 051		After retagging, the facility added: 372 connectors; 296 valves; 16 drains; 9 PRDs; and 4 pumps in May. (*were these components previously monitored)	Specific Requirement 288 Louisiana MACT Determination for Refineries dated July 26, 1994
T.		2887-V2	Unit 8 FUG 014		After retagging, the facility added: 2 compressors; 27 drains; and 102 valves in June. (*were these components previously monitored)	40 CFR 63 Subpart CC
U.	LAC 33:III Chapter 21 Report (8/15/06)	2887-V2	Unit 14 FUG 019	1/1/06- 6/30/06	After retagging, the facility added: 25 drains; 1,042 valves in June. (*were these components previously monitored)	LAC 33:III.2121

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
V.		2887-V2	Unit 15 FUG 020		The facility reclassified 1 compressor as non-exempt and added after retagging: 14 drains; 2 pumps; and 616 valves in March. (*were these components previously monitored)	Specific Requirement 176 40 CFR 60 Subpart GGG LAC 33:III.2121
W.		2887-V2	Unit 22 FUG 027		After retagging, the facility added: 4 PRV; and 317 valves in March. (*were these components previously monitored)	Specific Requirement 202 40 CFR 63 Subpart CC LAC 33:III.2121
X.		2887-V2	Unit 23 FUG 028		After retagging, the facility added: 17 drains; and 9 valves in May. (*were these components previously monitored)	LAC 33:III.2121
Y.		2887-V2	Unit 43 FUG 039		After retagging, the facility added: 1 drain; and 140 valves in April. (*were these components previously monitored)	LAC 33:III.2121
Z.	2006 First Semiannual Monitoring Report for Permit 2887-V2 (9/25/05)	2887-V2	Unit 55 GDU Unit pump 55-1506-01 (*need FUG)	2/18/06	First attempt at repair not made within 5 days.	Louisiana MACT Determination for Refineries dated July 26, 1994
AA.	2006 First Semiannual Monitoring Report (9/25/05) and 2006 First Semiannual Louisiana Consolidated Fugitive Emission Program Chapter 51 Report (8/15/06)	2891-V4	Unit 5 FUG 0006	1/4/06- 6/30/06	Connectors were not monitored within one year of previous monitoring event. Connectors were scheduled to be monitored in May. Connectors will be monitored in August as retagging was completed in July 2006	Louisiana MACT Determination for Refineries dated July 26, 1994
BB.		2891-V4	Unit 41 FUG 0049		Connectors were not monitored within one year of previous monitoring event. Connectors were scheduled to be monitored in January. Connectors were monitored in May and no leaks were found.	
CC.		2891-V4	Unit 63 FUG 0050		Connectors were not monitored within one year of previous monitoring event. Connectors were scheduled to be monitored in June. Connectors will be monitored in August upon completion of retagging.	
DD.		2887-V2	Unit 12 FUG 0018		Connectors were not monitored within one year of previous monitoring event. Connectors were scheduled to be monitored in February. Connectors will be monitored in August.	
EE.	2006 Second Semiannual Louisiana Consolidated Fugitive	2887-V2	Unit 5 FUG 006	7/1/06- 12/31/06	After retagging, the facility added: 1 compressor; 858 connectors;	Louisiana MACT Determination for Refineries dated July 26,

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Emission Program m Chapter 51 Report (2/15/07)				1 drain; 15 PRVs; 7 pumps; and 1423 valves In November. (*were these components previously monitored)	1994
FF.		2887-V2	Unit 11 FUG 017		After retagging, the facility added: 344 valves; 297 connectors; 4 drains; and 2 PRVs In November. (*were these components previously monitored)	Louisiana MACT Determination for Refineries dated July 26, 1994
GG.		2887-V2	Unit 12 FUG 018		After retagging, the facility added: 4 compressors; 1582 connectors; 14 drains; 3PRVs; and 1539 valves In November. (*were these components previously monitored)	Louisiana MACT Determination for Refineries dated July 26, 1994
HH.		2887-V2	Unit 16 FUG 021		After retagging, the facility added: 56 connectors; 52 valves; and 3 drains In June. (*were these components previously monitored)	Louisiana MACT Determination for Refineries dated July 26, 1994
II.		2887-V2	Unit 26 FUG 031		After retagging, the facility added: 1228 connectors; 2 PRVs; and 800 valves In November. (*were these components previously monitored)	Louisiana MACT Determination for Refineries dated July 26, 1994
II.	2006 Second Semiannual Louisiana Consolidated Fugitive Emission NSPS Subpart GGG, NESHAP Subpart CC, and LAC 33:III Chapter 21 Report (2/15/07)	2887-V3	Unit 7 FUG 013	7/1/06- 12/31/06	After retagging, the facility added: 1 drain; and 122 valves In October. (*were these components previously monitored)	Specific Requirement 147 40 CFR 60 Subpart GGG LAC 33:III.2121
KK.		2887-V3	Unit 17 FUG 022		After retagging, the facility added: The facility added 100 valves In August. (*were these components previously monitored)	Specific Requirement 184 40 CFR 60 Subpart GGG LAC 33:III.2121
LL.		2887-V3	Unit 20 FUG 025		After retagging, the facility added: 10 drains and 123 valves In November. (*were these components previously monitored)	Specific Requirement 195 LAC 33:III.2121
MM.		2887-V3	Unit 27 FUG 032		After retagging, the facility added: 1,321 valves; 47 drains; and 10 PRVs In October. (*were these components previously	40 CFR 63 Subpart CC

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
					monitored)	
NN.		2887-V3	Unit 28 FUG 033		After retagging, the facility added: 129 valves; 2 compressors; and 2 PRVs In November. (*were these components previously monitored)	Specific Requirement 218 LAC 33:III.2121
OO.		2887-V3	Unit 32 FUG 0035		After retagging, the facility added: 30 drains; 1 pump; and 12 valves In November. (*were these components previously monitored)	Specific Requirement 221 LAC 33:III.2121
PP.		2887-V3	Unit 33 FUG 0033		After retagging, the facility added: 21 drains; and 41 valves In August. (*were these components previously monitored)	Specific Requirement 225 LAC 33:III.2121
QQ.		(*Not reported)	Unit 34 (*need FUG)		After retagging, the facility added: 16 drains; and 140 valves In November. (*were these components previously monitored)	LAC 33:III.2121
RR.		(*Not reported)	Unit 36 (*need FUG)		After retagging, the facility added: 35 drains; and 65 valves In November. (*were these components previously monitored)	LAC 33:III.2121
SS.		(*Not reported)	Unit 39 (*need FUG)		After retagging, the facility added: 34 drains; 4 pumps; and 35 valves In November. (*were these components previously monitored)	LAC 33:III.2121
TT.		(*Not reported)	Unit 42 (*need FUG)		After retagging, the facility added: 37 drains; and 66 valves In November. (*were these components previously monitored)	LAC 33:III.2121
UU.		(*Not reported)	Unit 45 (*need FUG)		After retagging, the facility added: 34 drains; and 115 valves In November. (*were these components previously monitored)	LAC 33:III.2121
VV.		(*Not reported)	Unit 46 (*need FUG)		After retagging, the facility added: 42 drains; 1 pump; and 451 valves In November. (*were these components previously monitored)	40 CFR 60 Subpart GGG

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
WW.		(*Not reported)	Unit 47 (*need FUG)		After retagging, the facility added: 31 drains; 3 PRVs; and 25 valves In November. (*were these components previously monitored)	LAC 33:III.2121
XX.		2887-V3	Unit 59 FUG 43		After retagging, the facility added: 7 drains; and 128 valves In August. (*were these components previously monitored)	Specific Requirement 244 40 CFR 63 Subpart CC LAC 33:III.2121
YY.		(*Not reported)	Unit 64 (*need FUG)		After retagging, the facility added: 10 drains; 1 pump; and 104 valves In November. (*were these components previously monitored)	LAC 33:III.2121
ZZ.		2887-V3	Unit 65 FUG 0045		After retagging, the facility added 7 drains in August. (*were these components previously monitored)	Specific Requirement 256 LAC 33:III.2121
A3.		2887-V3	Unit 66 FUG 0045		After retagging, the facility added: 102 valves; and 27 PRVs In October. (*were these components previously monitored)	Specific Requirement 259 40 CFR 60 Subpart GGG LAC 33:III.2121
B3.	2006 Annual Compliance Certification for Permit 2640-V5 (3/23/07)	2640-V5	FUG 0006	prior to July 2006	10 hubs, 1 dry box, and 1 catch basin were not inspected.	Specific Requirement 21 40 CFR 60.692(1-7)
C3.		2640-V5	FUG 0009		Retagging project identified previously unmonitored components.	Specific Requirement 23 LAC 33:III.2121.E.1
D3.		2640-V5	GRP 26 (*need FUG)		Retagging project identified previously unmonitored components.	Specific Requirements 74; 98-100; 106-109; 113- 115; 120-121; LAC 33:III.5109.A
E3.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/14/07)	(*Not Reported)	Unit 63 Interconnect ing Pipeway (*need EQT)	During an April weekly pump inspection	3 pumps were not inspected.	40 CFR 60 Subpart GGGa Louisiana MACT Determination for Refineries dated July 26, 1994
F3.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/14/07)	(*Not Reported)	Unit 63 Interconnect ing Pipeway (*need EQT)	During an June weekly pump inspection	8 pumps were not inspected.	40 CFR 60 Subpart GGGa Louisiana MACT Determination for Refineries dated July 26, 1994
G3.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/14/07)	(*Not Reported)	Unit 34 Sulfur Plant No. 2	2/28/07	A valve (Tag No. 340177) was not repaired within 15 days.	Louisiana MACT Determination for Refineries dated July 26, 1994
H3.	Louisiana Consolidated Fugitive Emission Program First	(*Not Reported)	Unit 12	2/19/08	An OEL was discovered on the booster gas knock out drum.	Louisiana MACT Determination for Refineries dated July 26,

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Semiannual Report (8/14/08)					1994 or 40 CFR 60.592.a
I3.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/14/08)	(*Not Reported)	Unit 27 Tag#275287 Tag#275809	1/15/08	Leak found: 01/15/2008 First Attempt of Repair: 01/17/2008 Leak Repaired: 02/06/2008 Leak not repaired within 15 days.	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592.a
J3.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/14/08)	(*Not Reported)	Unit 27 Tag#275360; Tag#275746 Tag#276053 Tag#276078 Tag#276159 Tag#276161 Tag#276572 Tag#276588 Tag#276594 Tag#276601 A Tag#276639 Tag#276659 Tag#276689 Tag#276698 Tag#276708	1/17/08	Leak found: 01/17/2008 First Attempt of Repair: 01/28/2008 Leak Repaired: 01/28/2008 5 day initial attempt of repair not completed.	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592.a
K3.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/14/08)	(*Not Reported)	Unit 27 Tag#276082 Tag#276590 Tag#276597 Tag#276601 Tag#276699	1/17/08	Leak found: 01/17/2008 First Attempt of Repair : 01/28/2008 Leak Repaired: 01/30/2008 5 day initial attempt of repair not completed.	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592.a
L3.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/14/08)	(*Not Reported)	Unit 27 Tag#276106	1/17/08	Leak found: 01/17/2008 First Attempt of Repair: 01/28/2008 Leak Repaired: 01/31/2008 5 day initial attempt of repair not completed.	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592.a
M3.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/14/08)	(*Not Reported)	Unit 27 Tag#276158 Tag#276681	1/15/08	Leak found: 01/17/2008 First Attempt of Repair: 01/28/2008 Leak Repaired: 01/29/2008 5 day initial attempt of repair not completed.	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592.a
N3.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/14/08)	(*Not Reported)	Unit 27 Tag#275880	1/15/08	Leak found: 01/15/2008 First Attempt of Repair: 01/17/2008 Leak Repaired: 02/04/2008 Leak not repaired within 15 days.	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592.a
O3.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/14/08)	(*Not Reported)	Unit 27 Tag#276142	1/09/08	Leak found: 01/09/2008 First Attempt of Repair: 01/09/2008 Leak Repaired: 01/29/2008 Leak not repaired within 15 days.	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592.a
P3.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/14/08)	(*Not Reported)	Unit 27 Tag#276660	1/17/08	Leak found: 01/17/2008 First Attempt of Repair: 01/28/2008 Leak Repaired: 02/06/2008 5 day initial attempt of repair not completed and Leak not repaired within 15 days.	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592.a
Q3.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report	(*Not Reported)	Unit 27 Tag#276672 Tag#276745	1/17/08	Leak found: 01/17/2008 First Attempt of Repair: 01/26/2008 Leak Repaired: 02/06/2008 5 day initial attempt of repair not	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592.a

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	(8/14/08)				completed and Leak not repaired within 15 days.	
R3.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/14/08)	(*Not Reported)	Unit 27 Tag#276745	1/18/08	Leak found: 01/18/2008 First Attempt of Repair: 01/29/2008 Leak Repaired: 02/06/2008 5 day initial attempt of repair not completed and Leak not repaired within 15 days.	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592.a
S3.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/14/08)	(*Not Reported)	Unit 27 Tag#276755	1/18/08	Leak found: 01/18/2008 First Attempt of Repair: 01/28/2008 Leak Repaired: 01/29/2008 5 day initial attempt of repair not completed.	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592.a
T3.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report LAC 33:III.Chapter 51 (8/14/08)	(*Not Reported)	Unit 27 Tag#276847	1/18/08	Leak found: 01/18/2008 First Attempt of Repair: 01/28/2008 Leak Repaired: 01/28/2008 5 day initial attempt of repair not completed.	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592.a
U3.	Fugitive Emission Program Semiannual Report Units Subject to NSPS Subpart GGG, NESHAP Subpart CC and LAC 33:III.2121 (8/14/08)	(*Not Reported)	Unit 46 Fuel Gas purge line	6/2/08	During an internal audit an OEL was discovered on the fuel gas purge line.	40 CFR 60 Subpart GGGa Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592a
V3.	Fugitive Emission Program Semiannual Report Units Subject to NSPS Subpart GGG, NESHAP Subpart CC and LAC 33:III.2121 (8/14/08)	(*Not Reported)	Unit 7 Tag#076083 Tag#076767 Unit 09 Tag#097015 Unit 10 Tag#104345 Tag#107296	1/2/08	Leak found: 01/02/2008 First Attempt of Repair: 01/02/2008 Leak Repaired: 02/07/2008 Leak not repaired within 15 days.	40 CFR 60 Subpart GGGa Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592a
W3.	Fugitive Emission Program Semiannual Report Units Subject to NSPS Subpart GGG, NESHAP Subpart CC and LAC 33:III.2121 (8/14/08)	(*Not Reported)	Unit 7 Tag#076126 Unit 10 Tag#103718	1/2/08	Leak found: 01/02/2008 First Attempt of Repair: 01/03/2008 Leak Repaired: 02/07/2008 Leak not repaired within 15 days.	40 CFR 60 Subpart GGGa Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592a
X3.	Louisiana Consolidated Fugitive Emission Program Second Semiannual Report LAC 33:III.Chapter 51 (8/14/08)	(*Not Reported)	(*need FUG)	Week of August 25, 2008	During a third party audit on the week of August 25, two valves were identified as not in the system. (*were these components previously monitored)	40 CFR 60 Subpart GGGa Louisiana MACT Determination for Refineries dated July 26, 1994
Y3.	Louisiana Consolidated Fugitive Emission Program Second Semiannual Report LAC 33:III.Chapter 51 (8/14/08)	(*Not Reported)	(*need FUG)	Week of August 25, 2008	Three open-ended lines were identified.	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592.a
Z3.	Louisiana Consolidated Fugitive Emission Program Second Semiannual Report LAC 33:III.Chapter 51 (8/14/08)	(*Not Reported)	(*need FUG)	During Second Semiannual Reporting Period	Internal audits revealed open-ended lines on 3 occasions.	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592.a

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
A4.	Louisiana Consolidated Fugitive Emission Program Second Semiannual Report LAC 33:III.Chapter 51 (8/14/08)	N/A	N/A	Week of August 25, 2008	Purge material from a VOC sampling event was found in an uncovered bucket.	Louisiana MACT Determination for Refineries dated July 26, 1994
B4.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/15/11)	2580-00013-V0 or 3039-V8*	Valve Tag # 097345 (*need FUG)	1/6/11	First attempts at repair not completed within 5 days of a valve that was found leaking on 1/6/11 and repaired 1/12/11 due to failure of the data logger to properly download.	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592a
C4.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/15/11)	2580-00013-V0 or 3039-V8	Pump Tag # 103913 (*need FUG)	1/1/11-6/30/11	Pump was on DOR and was isolated and out of service. The pump was repaired and put back into service without notification to the LDAR contractor.	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592a
D4.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/15/11)	3039-V9	FUG 0060	1/1/11-6/30/11	On 6/27/11, the refinery experienced an unexpected shutdown in Unit 215. The unit was restarted on 7/19/11. During the shutdown, the unit was de-pressured and de-inventoried. Therefore, no LDAR monitoring could be conducted. Work scheduled for the unit included the monthly pump run and the previous leaker run for the following pumps: tag nos. 2150136, 2150168, 2150201, 2150224, 2150514, 2150534, 2150618, 2150642, 2150710, 2150728, 2152697, and 2152720 and the following previous leakers: 2150127, 2150167, 2150434, 2150436, 2150438, 21504408, 2150472, 2151087, 2151175, 2151176, 2151210, 2151416, 2151953, 2152179, 2152286, 2152655, 2153475, and 2153530A.	40 CFR 60.592a
E4.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/15/11)	2580-00013-V0 or 3039-V8	(*Not Reported)	1/1/11-6/30/11	6 open-ended lines were identified and corrected at the time of discovery.	Louisiana MACT Determination for Refineries dated July 26, 1994 or 40 CFR 60.592a
F4.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/15/11)	2580-00013-V2	FUG 0027	1/13/11	Unit 22 shutdown for a turnaround on 1/13/11 with open leaks. The unit was restarted on 1/27/11. The leaks were resolved as soon as repair technicians were allowed back in the unit.	Louisiana MACT Determination for Refineries dated July 26, 1994
G4.	Louisiana Consolidated Fugitive Emission Program First Semiannual Report (8/15/11)	2580-00013-V1	FUG 0019 and FUG 0020	First week of February 2011	Units 14 and 15 experienced unplanned shutdowns with leaks. The leaks were resolved as soon as repair technicians were allowed back in the unit.	Louisiana MACT Determination for Refineries dated July 26, 1994
H4.	Louisiana Consolidated Fugitive Emission Program Second Semiannual Report (2/15/11)	3039-V7 3039-V8	Valve Tag # 2051806 (*need FUG)	12/27/10	Valve was not repaired within 15 days due to miscommunication on repair technique.	40 CFR 60 Subpart GGGa Louisiana MACT Determination for Refineries dated July 26, 1994
I4.	Louisiana Consolidated Fugitive Emission Program Second	3039-V7 3039-V8	(*need FUG)	7/1/10-12/31/10	16 open-ended lines were identified and corrected at the time of discovery.	40 CFR 60 Subpart GGGa Louisiana MACT Determination for

	REPORT (date)	PERMIT NUMBER	EMISSION POINT	INCIDENT DATE	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Semiannual Report (2/15/11)					Refineres dated July 26, 1994

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

X.

The Respondent failed to meet the following reporting requirements:

	REPORT (date)	PERMIT NUMBER	REPORTING REQUIREMENT	DUE DATE	SUBMITTAL DATE	REGULATORY or PERMIT REQUIREMENTS
A.	2005 Second Semiannual Monitoring Report for Permit 2891-V2 (3/29/05)	2891-V2	Notify the Department 30 days prior to removing a tank for service.	6/30/05	(*Additional Information required)	40 CFR 63.654(h)(2)(ii)
B.	2006 Annual Compliance Certification for Permit 2640-V5 (3/23/07)	2640-V5	Within 60 days of initial startup, submit certification that the equipment necessary to comply with 40 CFR 60 Subpart QQQ has been installed and the required initial inspections have been conducted.	7/9/06	7/21/09	Specific Requirement 199 40 CFR 60.690
C.	2007 Specific Requirement Report	3039-V2	Annual Report of sum of fugitive emission for GRP0028 GME Fugitive Cap.	3/31/08	N/A	Specific Requirement 571
D.	2007 Specific Requirement Report	3039-V2	Annual Report of the heat input of the individual equipment and the overall total heat and the emissions for GRP0029 GME Heater/Boiler Cap.	3/31/08	N/A	Specific Requirement 572
E.	2007 Specific Requirement Report	3039-V2	Annual Report of the heat input of each thermal oxidizer and the overall total heat input and the emissions for GRP0030 GME Thermal Oxidizer Cap.	3/31/08	N/A	Specific Requirement 573
F.	Unauthorized Discharge Notification (1/8/10)	3039-V6	Prompt notification shall be provided within a time frame not to exceed 24 hours after learning of the discharge.	1/6/10	1/8/10	LAC 33:1.3917.A
G.	Unauthorized Discharge Notification Report (1/27/10)	2891-V6	For information required by Subsection B of LAC 33:1.Chapter 39 that is not available at the time of submittal of the written notification report due to an ongoing investigation, updates of the status of the ongoing investigation of the unauthorized discharge	3/28/10	No updates submitted.	LAC 33:1.3925.A.3

	REPORT (date)	PERMIT NUMBER	REPORTING REQUIREMENT	DUE DATE	SUBMITTAL DATE	REGULATORY or PERMIT REQUIREMENTS
			shall be submitted every 60 days until the investigation has been completed and the results of the investigation have been submitted.			
H.	Unauthorized Discharge Notification Report (1/30/10)	2893-V9	For information required by Subsection B of LAC 33:1.Chapter 39 that is not available at the time of submittal of the written notification report due to an ongoing investigation, updates of the status of the ongoing investigation of the unauthorized discharge shall be submitted every 60 days until the investigation has been completed and the results of the investigation have been submitted.	3/31/10	No updates submitted.	LAC 33:1.3925.A.3
I.	Unauthorized Discharge Notification Report (1/31/10)	2887-V7	For information required by Subsection B of LAC 33:1.Chapter 39 that is not available at the time of submittal of the written notification report due to an ongoing investigation, updates of the status of the ongoing investigation of the unauthorized discharge shall be submitted every 60 days until the investigation has been completed and the results of the investigation have been submitted.	4/1/10	No updates submitted.	LAC 33:1.3925.A.3
J.	Unauthorized Discharge Notification Report (2/1/10) (Revised 9/29/10)	2640-V5	For information required by Subsection B of LAC 33:1.Chapter 39 that is not available at the time of submittal of the written notification report due to an ongoing investigation, updates of the status of the ongoing investigation of the unauthorized discharge shall be submitted every 60 days until the investigation has been completed and the results of the investigation have been submitted.	4/2/10	Revised report submitted 9/29/10 did not provide results of the investigation.	LAC 33:1.3925.A.3
K.	Unauthorized Discharge Notification Report (1/16/10)	2887-V7	For information required by Subsection B of LAC 33:1.Chapter 39 that is not available at the time of submittal of the written notification report due to an ongoing investigation, updates of the status of the	3/17/10	No updates submitted.	LAC 33:1.3925.A.3

	REPORT (date)	PERMIT NUMBER	REPORTING REQUIREMENT	DUE DATE	SUBMITTAL DATE	REGULATORY or PERMIT REQUIREMENTS
			ongoing investigation of the unauthorized discharge shall be submitted every 60 days until the investigation has been completed and the results of the investigation have been submitted.			
L.	Unauthorized Discharge Notification Report (1/25/10)	2893-V11	For information required by Subsection B of LAC 33:1.Chapter 39 that is not available at the time of submittal of the written notification report due to an ongoing investigation, updates of the status of the ongoing investigation of the unauthorized discharge shall be submitted every 60 days until the investigation has been completed and the results of the investigation have been submitted.	3/26/10	No updates submitted.	LAC 33:1.3925.A.3
M.	Unauthorized Release Notification Report (1/18/10)	3039-V6	For information required by Subsection B of LAC 33:1.Chapter 39 that is not available at the time of submittal of the written notification report due to an ongoing investigation, updates of the status of the ongoing investigation of the unauthorized discharge shall be submitted every 60 days until the investigation has been completed and the results of the investigation have been submitted.	3/1/10	No updates submitted.	LAC 33:1.3925.A.3
N.	Unauthorized Discharge Notification Report (11/9/10)	(*Not Reported)	For information required by Subsection B of LAC 33:1.Chapter 39 that is not available at the time of submittal of the written notification report due to an ongoing investigation, updates of the status of the ongoing investigation of the unauthorized discharge shall be submitted every 60 days until the investigation has been completed and the results of the investigation have been submitted.	1/8/11	No updates submitted.	LAC 33:1.3925.A.3
O.	Unauthorized Discharge Notification Report (12/2/10)	2580-00013-V0	For information required by Subsection B of LAC 33:1.Chapter 39 that is not available at the time of submittal of the written notification report due to an	1/31/11	No updates submitted.	LAC 33:1.3925.A.3

	REPORT (date)	PERMIT NUMBER	REPORTING REQUIREMENT	DUE DATE	SUBMITTAL DATE	REGULATORY or PERMIT REQUIREMENTS
			ongoing investigation, updates of the status of the ongoing investigation of the unauthorized discharge shall be submitted every 60 days until the investigation has been completed and the results of the investigation have been submitted.			
P.	Unauthorized Discharge Notification Report (5/21/10)	2893-V11	For information required by Subsection B of LAC 33:1.Chapter 39 that is not available at the time of submittal of the written notification report due to an ongoing investigation, updates of the status of the ongoing investigation of the unauthorized discharge shall be submitted every 60 days until the investigation has been completed and the results of the investigation have been submitted	7/20/10	No updates submitted.	LAC 33:1.3925.A.3
Q.	Unauthorized Discharge Notification Report (8/27/10)	3039-V7	For information required by Subsection B of LAC 33:1.Chapter 39 that is not available at the time of submittal of the written notification report due to an ongoing investigation, updates of the status of the ongoing investigation of the unauthorized discharge shall be submitted every 60 days until the investigation has been completed and the results of the investigation have been submitted	10/26/10	No updates submitted.	LAC 33:1.3925.A.3
R.	Unauthorized Discharge Notification Report (9/17/10)	2893-V11 3039-V7	For information required by Subsection B of LAC 33:1.Chapter 39 that is not available at the time of submittal of the written notification report due to an ongoing investigation, updates of the status of the ongoing investigation of the unauthorized discharge shall be submitted every 60 days until the investigation has been completed and the results of the investigation have been submitted	11/16/10	No updates submitted.	LAC 33:1.3925.A.3

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

XI.

The Respondent reported the following permit deviations:

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	DESCRIPTION	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
A.	2005 Annual Compliance Certification for Permit 2887-V2 (3/31/06)	2887-V2	Unit 10 FUG 0016	2/15/05	None reported	Intermittent; flash column bypassed for 12.5 hours; samples collected had benzene concentrations of <10 ppm.	Flash column bypassed for 12.5 hours.	Specific Requirement Nos. 125 and 126 40 CFR 61.349(b) and (c)
B.	2006 Consolidated First Quarter General Condition XI.C Report (6/30/06)	(*Not Reported)	Unit 22 (*EQT needed)	1/25/06	VOC (39.7 lbs)	The non-condensable gases were in the SGP Depentanizer during startup which caused the Depentanizer to over pressurize and relieve to the South Flare (EQT 0160).	Unit alarms were inadvertently disabled.	LAC 33:III.905
C.	2006 Annual Compliance Certification for Permit 2640-V5 (3/23/07)	2640-V5	Unit 55 GRP 0026	through December 2006	None reported	-	Equip a closed purge system.	Specific Requirement 101
			FUG 0006	prior to July 2006	-	-	1 catch basin did not have a water seal.	Specific Requirement 180
D.	Semiannual Certification and Inspection Report for 40 CFR 60 Subpart QQQ (11/20/07)	(*Not Reported)	Unit 5-Coker Unit (*need EQT)	May 2007	None Reported	A catch basin in Unit 5 was without any type of vapor control. In May 2007, a water seal control was placed in the catch basin thus complying with QQQ regulations.	(*None Reported)	40 CFR 60 Subpart QQQ (*specific CFR requirement)
E.	Semiannual Certification and Inspection Report for 40 CFR 60 Subpart QQQ (11/20/07)	(*Not Reported)	Unit 35-BFW Treating Unit (*need EQT)	May 2007	None Reported	A catch basin in Unit 36 was without any type of vapor control. In May 2007, a water seal control was placed in the catch basin thus complying with QQQ regulations.	(*None Reported)	40 CFR 60 Subpart QQQ (*specific CFR requirement)

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	DESCRIPTION	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
F.	40 CFR 60 Subpart QQQ Semiannual Certification and Inspection Report (7/28/11)	(*Not Reported)	API #1 Back Bay (*need EQT)	9/21/10	(*Additional information required)	2 vent lines routed from the separator back bay into a covered sump downstream. The sump vents to atmosphere without control.	(*None Reported)	40 CFR 60 Subpart QQQ (*specific CFR requirement)
G.	40 CFR 60 Subpart QQQ Semiannual Certification and Inspection Report (7/28/11)	(*Not Reported)	API #1 Back Bay (*need EQT)	9/21/10	(*Additional information required)	Two sample hatches were not equipped with latching mechanisms.	(*None Reported)	40 CFR 60 Subpart QQQ (*specific CFR requirement)
H.	40 CFR 63 Subpart CC Refinery MACT Semiannual Report (7/22/11)	2580-00013-V1	Sour Naphtha Tank EQT 0129	1/5/11	None reported	2 vacuum breaker gaskets required replacement.	(*None Reported)	Specific Requirement No. 990
I.	40 CFR 63 Subpart CC Refinery MACT Semiannual Report (7/22/11)	2580-00013-V1	Sour Naphtha Tank EQT 0129	1/5/11	None reported	Three socks needed to be fabricated and installed on the support legs.	(*None Reported)	Specific Requirement No. 992
J.	40 CFR 63 Subpart CC Refinery MACT Semiannual Report (7/22/11)	2580-00013-V1	Ballast Water Tank EQT 0107	1/10/11	None reported	2 vacuum breaker gaskets required replacement.	(*None Reported)	Specific Requirement No. 669
K.	40 CFR 63 Subpart CC Refinery MACT Semiannual Report (7/22/11)	2580-00013-V1	Sour Kerosene Tank EQT 0132	1/12/11	None reported	2 vacuum breaker gaskets required replacement.	(*None Reported)	Specific Requirement No. 1033
L.	40 CFR 60 Subpart QQQ Semiannual Certification and Inspection Report (7/28/11)	(*Not Reported)	Tank 100-4 (*need EQT)	3/1/11 & 4/11/11	*Additional information required	Gasket on a vacuum breaker on Tank 100-4 was missing.	(*None Reported)	40 CFR 60 Subpart QQQ (*specific CFR requirement)
M.	40 CFR 63 Subpart CC Refinery MACT Semiannual Report (7/22/11)	2580-00013-V1	Sour Kerosene Tank EQT 0133	4/25/11	None reported	Vacuum breakers were open while the roof was not landed. Repaired 6/7/11.	(*None Reported)	Specific Requirement No. 1054
N.	2011 Annual Tank Second Seal Gap Measurement and Inspection Reports (6/16/11)	2580-00013-V2	Sour Kerosene Tank EQT 0133	5/3/11	None reported	Vacuum breakers were open with the roof not on the bottom.	(*None Reported)	Specific Requirement No. 948
O.	2011 Annual Tank Second Seal Gap Measurement and Inspection Reports (6/16/11)	2580-00013-V2	Gasoline Tank EQT 0226	5/4/11	None reported	One vacuum breaker was missing a gasket.	(*None Reported)	Specific Requirement No. 1578

Each deviation from a permit requirement(s) 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).

## 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 sixty (60) days after receipt of this **COMPLIANCE ORDER**, a written report that includes required information as denoted by an asterisk (\*) in paragraphs V and XI of the Findings of Fact and the following table:

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	OPERATING PARAMETER/ DESCRIPTION	POLLUTANTS INVOLVED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
A.	2005 Consolidated Second Quarter General Condition IX.C and R.3 Report (9/16/05)	2893-V0	North Flare EQT 0162	6/25/05	The Gas Con debutanizer over pressured during startup.	VOC (7.9 lbs/hr)	6.9 lbs	(*cause)	(*More information required)
B.	2005 Consolidated Fourth Quarter General Condition IX.C Report (12/21/05)	(*Not Reported)	Tank 500-1 (*EQT needed)	11/5/05	One of the leg pins which supports the floating roof of the tank came out and crude oil seeped out.	Benzene (*permit limit)	0.01 lbs	(*cause)	(*More information required)
						VOC (*permit limit)	15 lbs		
C.	2005 Consolidated Second Quarter General Condition IX.C and R.3 Report (9/16/05)	2893-V0	North Flare EQT 0162	6/25/05	The Gas Con debutanizer over pressured during startup.	VOC (7.9 lbs/hr)	6.9 lbs	(*cause)	(*More information required)
D.	General Condition XI.C First Quarter Report – 2007 (6/22/07)	(*Not Reported)	Rundown line in 63 pipeway (*More information required)	1/3/07	2 pin holes in butane rundown line in 63 pipeway between pipe supports.	VOC	106.67 lbs	(*cause and maintenance)	(*More information required)
E.	General Condition XI.C First Quarter Report – 2007 (6/22/07)	(*Not Reported)	28-1305 Reactor Product Trlm Condenser (*More information required)	1/7/07	Pin hole leak was discovered in reactor product trlm condenser.	Butane (*permit limit)	178 lbs	(*cause and maintenance)	(*More information required)
F.	General Condition XI.C First Quarter Report – 2007 (9/24/07)	(*Not Reported)	Unit 28 3' butane line (*More information required)	4/10/07	3' butane line from Unit 28, which ties into the butane rundown line, developed a pinhole leak.	SO <sub>2</sub>	0.00 lbs	(*cause and maintenance)	(*More information required)
						NO <sub>x</sub>	0.00 lbs		
						VOC	3.93 e -05 lbs		
						Benzene	0.00 lbs		
						H <sub>2</sub> S	1.11 e -08 lbs		
						C1 + C2	4.91 e -02 lbs		
Butane	6 lbs								

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	OPERATING PARAMETER/ DESCRIPTION	POLLUTANTS INVOLVED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
G.	General Condition XI.C First Quarter Report – 2007 (12/21/07)	(*Not Reported)	C4 (*More information required)	9/18/07	Leak on C4 product to tank farm line. The piping had an area of corrosion.	Olefins VOC NO <sub>x</sub> SO <sub>2</sub> CO	0.307 lbs 34.95 lbs 10.2 lbs 0.14 lbs 55.1 lbs	(*cause and maintenance)	(*More information required)
H.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	(*Not Reported)	26-1304 Aftercooler Trim Cooler (*More information required)	1/16/08	26-1304 Aftercooler Leak. Picked up high LEL reading at Cat Cooling Tower. Investigation was done for the PGC Aftercooler Trim Cooler and found process side of the exchangers were leaking into the cooling water side of the exchanger.	HRVOC VOC H <sub>2</sub> S CO	68.51 lbs 261.27 lbs 3.27 lbs 0.12 lbs	(*cause and maintenance)	(*More information required)
I.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	(*Not Reported)	56-1802 makeup compressor discharge scrubber (*More information required)	1/19/08	Small Leak found on 56-1802 makeup compressor discharge scrubber on a 2" hydrogen valve. The compressor was already in a shutdown position. Isolated compressor and purged with Nitrogen.	Hydrogen N <sub>2</sub> O <sub>2</sub>	7.79 lbs 0.47 lbs 0.04 lbs	(*cause and maintenance)	(*More information required)
J.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	(*Not Reported)	Flange on small stabilizer reboiler (*More information required)	2/1/08	A small stabilizer reboiler leak, a leak of stabilizer bottoms to atmosphere, was discovered during the unit start-up from Turnaround. A hot boiling crew was called up to tighten	HRVOC VOC Benzene	16.81 lbs 42.70 lbs 0.45 lbs	(*cause and maintenance)	(*More information required)

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	OPERATING PARAMETER/ DESCRIPTION	POLLUTANTS INVOLVED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
					the flange and the leak stopped.	H <sub>2</sub> S	0.01 lbs		
K.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	(*Not Reported)	Channel head of depropanizer overhead exchanger (*More information required)	2/5/08	A small leak developed on the channel head of the depropanizer overhead exchanger during unit start-up from turnaround. The exchanger was hot bolted and the leak stopped.	HRVOC	7.46 lbs	(*cause and maintenance)	(*More information required)
						VOC	1119.30 lbs		
L.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	(*Not Reported)	Unit 33 bleeder (*More information required)	2/15/08	Following shutdown of the Unit 33 SWS, a bleeder downstream of the steam pressure controller was opened. The steam was isolated, allowing vapor from the tower to escape from the bleeder.	H <sub>2</sub> S	1.4 lbs	(*cause and maintenance)	(*More information required)
M.	General Condition XI.C First Quarter Report – 2008 (6/27/08)	(*Not Reported)	Channel head of depropanizer overhead exchanger, 22-1306-04 (*More information required)	3/17/08	A small leak developed on the channel head of the depropanizer overhead exchanger, 22-1306-04, during a depropanizer column upset due to a malfunctioning differential pressure transmitter on the overhead accumulator. The overhead pressure increased from	HRVOC	3.61 lbs	(*cause and maintenance)	(*More information required)
						VOC	316.05 lbs		

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	OPERATING PARAMETER/ DESCRIPTION	POLLUTANTS INVOLVED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
					approximately 210 psig to 290 psig. The exchanger was hot bolted and the leak stopped.	Ethane	1.65 lbs		
N.	General Condition X1.C First Quarter Report - 2008 (6/27/08)	(*Not Reported)	26-1305-01 debute reflux pump discharge 1/2" block valve (*More information required)	3/18/08	26-1305-01 debute reflux pump discharge 1/2" block valve broke.	HRVOC	74.62 lbs	(*cause and maintenance)	(*More information required)
						VOC	121.22 lbs		
						H <sub>2</sub> S	0.03 lbs		
O.	General Condition X1.C Second Quarter Report - 2008 (9/26/08)	(*Not Reported)	(*More information required)	4/27/08	The swivel joint on the south unloading arm for olefin discharge is leaking to atmosphere. Shutdown south rack and put do not operate tag. The duration of the incident was 15 minutes.	Olefin	<1 gallon	(*cause and maintenance)	(*More information required)
P.	General Condition X1.C Third Quarter Report- 2008 (12/18/08)	(*Not Reported)	Crude reflux pump 10-1530-01 (*More information required)	7/2/08	A small pin-hole leak on the seal flush tubing was noticed on the crude reflux pump, 10-1530-01. The cause of the leak appears to be corrosion. The pump was shutdown and the line was drained in approximately 10 minutes.	HRVOC	14.97 lbs	(*cause and maintenance)	(*More information required)
						VOC	15.64 lbs		
						Benzene	0.01 lbs		
Q.	General Condition X1.C Third Quarter Report- 2008 (12/18/08)	(*Not Reported)	(*More information required)	9/25/08	While performing a pressure survey in the FCCU, operator and unit engineer noticed a small leak from the	VOC	14.99 lbs	(*cause and maintenance)	(*More information required)
						HRVOC	13.27 lbs		
						Hydrogen	0.01 lbs		

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	OPERATING PARAMETER/ DESCRIPTION	POLLUTANTS (INVOLVED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
					weld between the reactor overhead line and RV 25PSV3061. The duration of the incident was 1440 minutes.	Ethane	0.14 lbs		
						Methane	0.16 lbs		
						H <sub>2</sub> S	0.04 lbs		
R.	General Condition XI.C Fourth Quarter Report – 2008 (2/12/09)	(*Not Reported)	Main Fractionator Overhead 25PSV3031-2 (*More information required)	10/5/08	Operator noticed a small leak from the bellows of 25PSV3031-2, Main fractionator Overhead. The duration of the incident was 54 minutes.	VOC	2.28 lbs	(*cause and maintenance)	(*More information required)
						HRVOC	1.38 lbs		
						Methane	0.07 lbs		
						Ethane	0.06 lbs		
S.	General Condition XI.C Fourth Quarter Report – 2008 (2/12/09)	(*Not Reported)	Tank 200-3 (*EQT needed)	12/5/08	Tank 200-3 developed a leak around the weld on the inlet nozzle of the alkylate run down line at the tank. Leak due to metal failure.	VOC	157.5 lbs	(* maintenance)	(*More information required)
						Olefins	7.50 lbs		
T.	General Condition XI.C Fourth Quarter Report – 2008 (2/12/09)	(*Not Reported)	Sample pot vent line (*More information required)	12/18/08	Liquid butane started coming out of the spark arrester at the top of the excess sample pot vent line. Blend was shutdown.	Butane	24.05 lbs	(*cause and maintenance)	(*More information required)
U.	General Condition XI.C Fourth Quarter Report – 2008 (2/12/09)	(*Not Reported)	Splitter Overhead Condenser (*More information required)	12/20/08	Alky Unit-small leak on Splitter Overhead Condenser Isolation block valve. The duration of the incident was 60 minutes.	VOC	0.02 lbs	(*cause and maintenance)	(*More information required)
V.	Title V 1 <sup>st</sup> Half 2009 Semiannual Monitoring Form. (9/18/09)	2891-V6	(*Resubmit each Semiannual Monitoring Form with completed Deviation Summary Report. As with all Title V air permit application forms and compliance certifications, deviation reports must contain certification by a responsible official of truth, accuracy, and completeness. Also, any previous deviation reports must minimally contain the information necessary to complete the "Deviations Summary Report" presented as in annual compliance certification form. Therefore, if these two conditions are not satisfied, then the deviations inappropriately reported before must be appropriately reported.)					Part 70 General Condition K	

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	OPERATING PARAMETER/ DESCRIPTION	POLLUTANTS INVOLVED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
W.	Title V 1 <sup>st</sup> Half 2009 Semiannual Monitoring Form. (9/18/09)	2893-V9							Part 70 General Condition K
X.	Title V 1 <sup>st</sup> Half 2009 Semiannual Monitoring Form. (9/18/09)	2887-V7							Part 70 General Condition K
Y.	Title V 1 <sup>st</sup> Half 2009 Semiannual Monitoring Form. (9/18/09)	2640-V5							Part 70 General Condition K
Z.	General Condition XI.C - First Half Report - 2009. (9/18/09)	2893-V9	South Flare Stack EQT 0160 North Flare Stack EQT 0162	First Half 2009	Permit limit exceedances/ unpermitted exceedances			(*Additional information required for each excess emission event reported in this report. Indicate whether emissions reported are total emissions during the event or emissions surpassing permitted limitation. Include all steps leading to the excess emissions event and indicate the root cause of each event. Also, specify what steps were taken to reduce, eliminate, and prevent recurrences of each excess emission event.)	LAC 33:III.501.C.2 and/or LAC 33:III.501.C.4
AA.	General Condition XI.C - Second Half Report - 2009 (2/17/10)	2893-V11	(*Indicate emission point and corresponding permit for each excess emission event)	Second Half 2009	Permit limit exceedances/ unpermitted emissions			(*Additional information required for each excess emission event reported in this report. Indicate whether emissions reported are total emissions during the event or emissions surpassing permitted limitation. Include all steps leading to the excess emissions event and indicate the root cause of each event. Also, specify what steps were taken to reduce, eliminate, and prevent recurrences of each excess emission event.)	LAC 33:III.501.C.2 and/or LAC 33:III.501.C.4
BB.	Title V 2 <sup>nd</sup> Half 2009 Semiannual Monitoring Form (2/19/10)	2893-V11							Part 70 General Condition K
CC.	Title V 2 <sup>nd</sup> Half 2009 Semiannual Monitoring Form (2/19/10)	2887-V7							Part 70 General Condition K
DD.	Title V 2 <sup>nd</sup> Half 2009 Semiannual Monitoring Form (2/19/10)	2640-V6							Part 70 General Condition K
EE.	Title V 2 <sup>nd</sup> Half 2009 Semiannual Monitoring Form (2/19/10)	2891-V7							Part 70 General Condition K

(\*Resubmit each Semiannual Monitoring Form with completed Deviation Summary Report. As with all Title V air permit application forms and compliance certifications, deviation reports must contain certification by a responsible official of truth, accuracy, and completeness. Also, any previous deviation reports must minimally contain the information necessary to complete the "Deviations Summary Report" presented as in annual compliance certification form. Therefore, if these two conditions are not satisfied, then the deviations inappropriately reported before must be appropriately reported.)

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	OPERATING PARAMETER/ DESCRIPTION	POLLUTANTS INVOLVED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
FF.	Title V 2 <sup>nd</sup> Half 2009 Semiannual Monitoring Form (2/19/10)	3039-V6							Part 70 General Condition K
GG.	Louisiana Consolidated Fugitive Emission Program Semiannual Report. (8/13/09)	(* Not Reported)	Sample Station in Unit 28	12/1/08	(*Need to know what type of equipment and how many missed inspections)		Did not add new component to LDAR monitoring program.		LAC 33:III.2121
HH.	Louisiana Consolidated Fugitive Emission Program Semiannual Report. (8/13/09)	(* Not Reported)	Penex Unit Unit 9	(*Need specific dates)	(*Need pollutants and quantities)		A potential non-compliance was discovered regarding a component in Unit 9, Penex unit. Tag # 098226 was an open leak when the unit was shut down on January 18, 2009. While not in operation, the unit is depressurized. Marathon believes that the times during which condition were not representative should not be counted. The leak was resolved as soon as start-up occurred on January 21, 2009.		40 CFR 63 Subpart CC
II.	Title V 1 <sup>st</sup> Half 2010 Semiannual Monitoring Form (9/17/10)	2893-V11							Part 70 General Condition K
IJ.	Title V 1 <sup>st</sup> Half 2010 Semiannual Monitoring Form (9/17/10)	2887-V7							Part 70 General Condition K
KK.	Title V 1 <sup>st</sup> Half 2010 Semiannual Monitoring Form (9/17/10)	2640-V6						(*Resubmit each Semiannual Monitoring Form with completed Deviation Summary Report. As with all Title V air permit application forms and compliance certifications, deviation reports must contain certification by a responsible official of truth, accuracy, and completeness. Also, any previous deviation reports must minimally contain the information necessary to complete the "Deviations Summary Report" presented as in annual compliance certification form. Therefore, if these two conditions are not satisfied, then the deviations inappropriately reported before must be appropriately reported.)	Part 70 General Condition K
LL.	Title V 1 <sup>st</sup> Half 2010 Semiannual Monitoring Form (9/17/10)	2891-V7							Part 70 General Condition K
MM.	Title V 1 <sup>st</sup> Half 2010 Semiannual Monitoring Form (9/17/10)	3039-V6							Part 70 General Condition K
NN.	General Condition XI.C - First Half Report - 2010 (9/30/10)	3039-V7 2580-00013-V0	(*Indicate emission point and corresponding permit for each excess emission event)	First Half 2010	Permit limit exceedances/ unpermitted emissions		(*Additional information required for each excess emission event reported in this report. Indicate whether emissions reported are total emissions during the event or emissions surpassing permitted limitation. Include all steps leading to the excess emissions event and indicate the root cause of each event. Also, specify what steps were taken to reduce, eliminate, and prevent recurrences of each excess emission event.)		LAC 33:III.501.C.2 and/or LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	OPERATING PARAMETER/ DESCRIPTION	POLLUTANTS INVOLVED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
OO.	40 CFR 63 Subpart CC Refinery MACT Semiannual Report (7/22/11)	2580-00013-V1	Gasoline Tank EQT 0113	1/5/11	Secondary seal had 7 tears that needed to be repaired. LAC 33:III.2103.D.2. e requires the administrative authority to be notified within 7 days if conditions are not up to the standards of LAC 33:III.2103.D.2. (*Provide a copy of the associated 7 day notification that was submitted to the Department.)	Not reported	Not reported	(*More information required)	LAC 33:III.2103.D.2
PP.	Second Quarter 40 CFR 60 Subpart J Report (7/29/11)	2580-00013-V2	Unit 25 Charge Heater (*need EQT)	5/1/11	Respondent reported for 23.5 hours the DGA wt% was 36.9	Concentration of DGA must be kept ≥40 wt%	(*More information required)	(*More information required)	(*More information required)
QQ.	Second Quarter 40 CFR 60 Subpart J Report (7/29/11)	(*Not Reported)	Unit 259 North Emergency Ground Flare (*need EQT)	5/31/11	The respondent reported for 0.40 hours the range for H <sub>2</sub> S was 14.5 pounds	H <sub>2</sub> S (*permit limit)	(*amount of H <sub>2</sub> S in ppm or gr/dscf or mg/dscm)	(*More information required)	(*More information required)
RR.	Third Quarter 2010 NSPS Subpart J Report (10/29/10)	(*Not Reported)	Unit 259 North Emergency Ground Flare (*need EQT)	9/3/10	Leak in 215-1309 stripper overhead fans. Depressured to the NGF	H <sub>2</sub> S (*permit limit) VOC (*permit limit)	13.0 lbs 603 lbs	(*More information required)	(*More information required)
SS.	Third Quarter 2010 NSPS Subpart Ja Report (10/29/10)	(*Not Reported)	Unit 234 Thermal Oxidizer (*need EQT)	7/2/10	Control Equipment Failure	SO <sub>2</sub> (*permit limit)	385.3 ppm	(*More information required)	(*More information required)

III.

To submit to the Enforcement Division, within sixty (60) days after receipt of this **COMPLIANCE ORDER**, a written report for each unauthorized discharge that satisfies the requirements of LAC 33:I.3925.A.3 including, but not limited to LAC 33:I.3925.B.4, for the unauthorized discharges included in paragraph V of the Findings of Fact and the following unauthorized discharges:

Report	Date of Unauthorized Discharge
Unauthorized Discharge Notification for LA State Police No. 11-04218	7/16/11
Unauthorized Discharge Notification for T93826 2/15/07	2/8/07
Unauthorized Discharge Notification for T95545	4/21/07
Unauthorized Discharge Notification for T96834	6/6/07
Unauthorized Discharge Notification for T97250	6/20/07
Unauthorized Discharge Notification for T98487	8/7/07
Unauthorized Discharge Notification for T102884 and T102326	1/15/08
Unauthorized Discharge Notification for T107159	7/13/08
Unauthorized Discharge Notification for T112890	1/23/09
Unauthorized Discharge Notification for T115023	5/16/09
Unauthorized Discharge Notification Report for T120846	1/16/10
Unauthorized Discharge Notification Report for T121042	1/9/10
Unauthorized Discharge Notification Report for T121073	1/26/10
Unauthorized Discharge Notification Report for T121169	1/30/10
Unauthorized Discharge Notification Report for T121186	1/31/10
Unauthorized Discharge Notification Report for T121187	2/1/10

Report	Date of Unauthorized Discharge
Unauthorized Discharge Notification Report for T121972	3/6/10 3/7/10
Unauthorized Discharge Notification Report for T123579	5/18/10
Unauthorized Discharge Notification Report for T125901	8/22/10
Unauthorized Discharge Notification Report for T126299	9/11/10
Unauthorized Discharge Notification Report for T127437	11/2/10
Unauthorized Discharge Notification Report for T127727	11/18/10
Unauthorized Discharge Notification Report	11/30/10

IV.

To submit to the Air Permits Division, within ninety (90) days after receipt of this **COMPLIANCE ORDER**, the appropriate permit modification application for Title V Permit No. 2580-00013-V4 and/or 3039-V3, as necessary, to reflect the current operations and emissions from each source at the facility including, but not limited to emission of hydrogen cyanide for the FCC Regenerator Vent, EQT 0165, in Title V Permit No. 2580-00013-V4. The Respondent shall submit a copy of the cover letter to the Enforcement Division.

V.

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: Tonya Landry  
Re: Enforcement Tracking No. AE-CN-11-01307  
Agency Interest No. 3165

**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-11-01307  
Agency Interest No. 3165

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 Tonya Landry at (225) 219-3785 within ten (10) days of receipt of this **NOTICE OF POTENTIAL PENALTY**.

#### III.

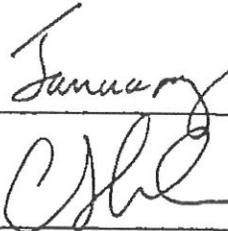
The Department is required by La. R.S. 30:2025(E)(3)(a) to consider the gross revenues of the Respondent and the monetary benefits of noncompliance to determine whether a penalty will be assessed and the amount of such penalty. Please forward the Respondent's most current annual gross revenue statement 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.

IV:

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

Baton Rouge, Louisiana, this 03 day of January, 2013.

  
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Cheryl Sonnier Nolan  
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: Tonya Landry