

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : Breitburn Operating L.P. - Rich Field Gas Plant		SRN :	B5462
Location : 7770 McTaggart Rd		District :	Lansing
		County :	LAPEER
City : NORTH BRANCH	State: MI	Zip Code : 48461	Compliance Status : Compliance
Source Class : MAJOR		Staff :	Michelle Luplow
FCE Begin Date : 11/15/2016		FCE Completion Date :	12/14/2017
Comments :			

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
12/06/2017	ROP Monthly	Compliance	Original report was lost in building's mail. Although this report was received 12/6/17, it is not late. October 2017 hydrogen sulfide monitoring report for Rule 403. Report indicates compliance with permit limits. Limit is 2227 lb SO2 (1183 lbs H2S)/ 24 hour consecutive period. Inlet sour gas was diverted to the flare for the entire month of October. Tail gas stream H2S was not diverted to the flare. Breitburn does not have plans to treat sour gas any longer. Highest SO2 emissions were 1259 lbs on October 18. Breitburn's decision to flare all gas coming into the plant has resulted in higher daily SO2 emissions. Total SO2 emissions for October was 36,218 lbs. Michael Fairbanks certified as Responsible Official
11/15/2017	Scheduled Inspection	Compliance	Scheduled, announced partial compliance evaluation inspection conducted as part of a full compliance evaluation.

Activity Date	Activity Type	Compliance Status	Comments
11/03/2017	ROP Monthly	Compliance	September 2017 hydrogen sulfide monitoring report for Rule 403. Report indicates compliance with permit limits. Limit is 2227 lb SO2 (1183 lbs H2S)/ 24 hour consecutive period. Inlet sour gas was diverted to the flare for the entire month of September. Tail gas stream H2S was not diverted to the flare. Breitburn does not have plans to treat sour gas any longer. Highest SO2 emissions were 1613 lbs on September 28. Breitburn's decision to flare all gas coming into the plant has resulted in higher daily SO2 emissions. Total SO2 emissions for September was 36,654 lbs. Michael Fairbanks certified as Responsible Official
10/03/2017	ROP Monthly	Compliance	August 2017 hydrogen sulfide monitoring report for Rule 403. Report indicates compliance with permit limits. Limit is 2227 lb SO2 (1183 lbs H2S)/ 24 hour consecutive period. Inlet sour gas was diverted to the flare for the entire month of August, 8/16/17 H2S content determined by Drager (vs GC) because of power outage. Tail gas stream H2S was not diverted to the flare. Breitburn does not have plans to treat sour gas anymore. Highest SO2 emissions were 1613 lbs on August 1st. Breitburn's decision to flare all gas coming into the plant has resulted in higher daily SO2 emissions. Total SO2 emissions for August was 38,513 lbs. Michael Fairbanks certified as Responsible Official
10/03/2017	ROP Semi 1 Cert	Compliance	Semi-annual certification 1/1/17 - 6/30/17 - no deviations reported based on the MI-ROP-B5462-2014b. Michael Fairbanks, Responsible Official.

Activity Date	Activity Type	Compliance Status	Comments
08/29/2017	ROP Monthly	Compliance	July 2017 hydrogen sulfide monitoring report for Rule 403. Report indicates compliance with permit limits. Limit is 2227 lb SO2 (1183 lbs H2S)/ 24 hour consecutive period. Inlet sour gas was diverted to the flare for the entire month of July. Tail gas stream H2S was not diverted to the flare. Breitburn does not have plans to treat sour gas anymore. Highest SO2 emissions were 1625 lbs on July 31st. Breitburn's decision to flare all gas coming into the plant has resulted in higher daily SO2 emissions. Total SO2 emissions for July was 31,865 lbs. Michael Fairbanks certified as Responsible Official
07/17/2017	ROP Monthly	Compliance	June 2017 hydrogen sulfide monitoring report for Rule 403. Report indicates compliance with permit limits. Limit is 2227 lb SO2 (1183 lbs H2S)/ 24 hour consecutive period. Inlet sour gas was diverted to the flare for the entire month of June. Tail gas stream H2S was not diverted to the flare. Breitburn does not have plans to treat sour gas anymore. Highest SO2 emissions were 1075 lbs on June 16th. Breitburn's decision to flare all gas coming into the plant has resulted in higher daily SO2 emissions. Total SO2 emissions for June was 29,981 lbs. Michael Fairbanks certified as Responsible Official
06/26/2017	ROP Monthly	Compliance	May 2017 hydrogen sulfide monitoring report for Rule 403. Report indicates compliance with permit limits. Limit is 2227 lb SO2 (1183 lbs H2S)/ 24 hour consecutive period. Inlet sour gas was diverted to the flare for the entire month of May. Tail gas stream H2S was not diverted to the flare. Breitburn does not have plans to treat sour gas anymore. Highest SO2 emissions were 1141 lbs on May15th. Breitburn's decision to flare all gas coming into the plant has resulted in higher daily SO2 emissions. Total SO2 emissions for May was 32,489 lbs. Michael Fairbanks certified as Responsible Official.

Activity Date	Activity Type	Compliance Status	Comments
06/26/2017	ROP Other	Compliance	EUGAS-TREATING SC IX.3 & IX.4. Prior to June 1 of each year, Breitburn is required to review the emergency procedures plan with appropriate local emergency personnel. Attached is signed document of all those in attendance at meeting with North Branch Fire Dept on 5/24/17
05/19/2017	ROP Monthly	Compliance	April 2017 hydrogen sulfide monitoring report for Rule 403. Report indicates compliance with permit limits. Limit is 2227 lb SO2 (1183 lbs H2S)/ 24 hour consecutive period. Inlet sour gas was diverted to the flare for the entire month of April. Tail gas stream H2S was not diverted to the flare. Breitburn does not have plans to treat sour gas anymore. Highest SO2 emissions were 1206.1 lbs on April 7th. Breitburn's decision to flare all gas coming into the plant has resulted in higher daily SO2 emissions. Total SO2 emissions for April was 32,500 lbs. Michael Fairbanks certified as Responsible Official.
05/03/2017	ROP Monthly	Compliance	March 2017 hydrogen sulfide monitoring report for Rule 403. Report indicates compliance with permit limits. Limit is 2227 lb SO2 (1183 lbs H2S)/ 24 hour consecutive period. Inlet sour gas was diverted to the flare for the entire month of March. Tail gas stream H2S was not diverted to the flare. Breitburn does not have plans to treat sour gas anymore. Highest SO2 emissions were 1300 lbs on March 6th. Breitburn's decision to flare all gas coming into the plant has resulted in higher daily SO2 emissions. Total SO2 emissions for March was 35,465 lbs. Drager tubes were used to determine H2S content on 3/8/17 because the field lost power. Michael Fairbanks certified as Responsible Official.

Activity Date	Activity Type	Compliance Status	Comments
03/27/2017	ROP Monthly	Compliance	February 2017 hydrogen sulfide monitoring report for Rule 403. Report indicates compliance with permit limits. Limit is 2227 lb SO2 (1183 lbs H2S)/ 24 hour consecutive period. Inlet sour gas was diverted to the flare for the entire month of February. Tail gas stream H2S was not diverted to the flare. Breitburn does not have plans to treat sour gas anymore. Highest SO2 emissions were 1315.7 lbs on February 4th. Breitburn's decision to flare all gas coming into the plant has resulted in higher daily SO2 emissions. Total SO2 emissions for February was 33,143 lbs. Michael Fairbanks certified as Responsible Official.
03/02/2017	ROP Monthly	Compliance	January 2017 hydrogen sulfide monitoring report for Rule 403. Report indicates compliance with permit limits. Limit is 2227 lb SO2 (1183 lbs H2S)/ 24 hour consecutive period. Inlet sour gas was diverted to the flare for the entire month of January. Tail gas stream H2S was not diverted to the flare. Breitburn does not have plans to treat sour gas anymore. Highest SO2 emissions were 1258.1 lbs on January 30th. Breitburn's decision to flare all gas coming into the plant has resulted in higher daily SO2 emissions. Total SO2 emissions for January was 37,370 lbs. H2S content was determined by Drager January 4th and 5th because the GC was froze off. Michael Fairbanks, Responsible Official.
03/02/2017	MAERS	Compliance	Check MAERS for any review comments. Certified by Michael Fairbanks 2/17/2017.
03/02/2017	ROP Annual Cert	Compliance	Annual Compliance Certification for January 1, 2016 through December 31, 2016. Michael Fairbanks, Responsible Official. No deviations reported for the year.
03/02/2017	ROP SEMI 2 CERT	Compliance	Semi-annual certification - no deviations reported based on the MI-ROP-B5462-2014b version of the ROP. Michael Fairbanks, Responsible Official.

Activity Date	Activity Type	Compliance Status	Comments
01/17/2017	ROP Monthly	Compliance	<p>December 2016 hydrogen sulfide monitoring report for Rule 403. Report indicates compliance with permit limits. Limit is 2227 lb SO<sub>2</sub> (1183 lbs H<sub>2</sub>S)/ 24 hour consecutive period. Inlet sour gas was diverted to the flare for the entire month of December. Tail gas stream H<sub>2</sub>S was not diverted to the flare. Breitburn does not have plans to treat sour gas anymore. Highest SO<sub>2</sub> emissions were 1778.5 lbs on December 14th. Breitburn's decision to flare all gas coming into the plant has resulted in higher daily SO<sub>2</sub> emissions. Total SO<sub>2</sub> emissions for December was 39,535 lbs. H<sub>2</sub>S content was determined by Drager Dec 14th and 15th. Michael Fairbanks, Responsible Official.</p>
12/16/2016	ROP Monthly	Compliance	<p>November 2016 hydrogen sulfide monitoring report for Rule 403. Report indicates compliance with permit limits. Limit is 2227 lb SO<sub>2</sub> (1183 lbs H<sub>2</sub>S)/ 24 hour consecutive period. Inlet sour gas was diverted to the flare for the entire month of November. Tail gas stream H<sub>2</sub>S was not diverted to the flare. Breitburn does not have plans to treat sour gas anymore. Highest SO<sub>2</sub> emissions were 1089.3 lbs on November 28. Breitburn's decision to flare all gas coming into the plant has resulted in higher daily SO<sub>2</sub> emissions. Total SO<sub>2</sub> emissions for November was 27,708 lbs. Michael Fairbanks, Responsible Official.</p>

Activity Date	Activity Type	Compliance Status	Comments
11/22/2016	ROP Monthly	Compliance	<p>October 2016 hydrogen sulfide monitoring report for Rule 403. Report indicates compliance with permit limits. Limit is 2227 lb SO<sub>2</sub> (1183 lbs H<sub>2</sub>S)/ 24 hour consecutive period. Inlet sour gas was diverted to the flare for the entire month of October. Tail gas stream H<sub>2</sub>S was not diverted to the flare. Breitburn does not have plans to treat sour gas anymore. Highest SO<sub>2</sub> emissions were 1243.5 lbs on October 27. Breitburn's decision to flare all gas coming into the plant has resulted in higher daily SO<sub>2</sub> emissions. Total SO<sub>2</sub> emissions for October was 27,531 lbs. Michael Fairbanks, Responsible Official.</p>

Name:

Michael Fairbanks

Date:

12/14/17

Supervisor:

B.M.

