

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> J.B. Sims Generating Station	<b>SRN :</b> B1976
<b>Location :</b> 1231 N. Third St.	<b>District :</b> Grand Rapids
	<b>County :</b> OTTAWA
<b>City :</b> GRAND HAVEN <b>State:</b> MI <b>Zip Code :</b> 49417	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> Steve Lachance
<b>FCE Begin Date :</b> 7/20/2015	<b>FCE Completion Date :</b> 7/21/2016
<b>Comments :</b> FCE for FY '016 (SLachance, 7/21/16)	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
07/21/2016	Scheduled Inspection	Compliance	Unannounced, Scheduled Inspection for FY '016 FCE. See CA_B197635643. (SLachance, 7/21/16)
06/01/2016	Site Review	Compliance	MATS testing for HCl and PM; Visible Emissions Readings; and other site observations. See CA_B197634751. (SLachance, 6/1/16)
04/27/2016	Other	Compliance	Review of Q1 2016 Excess Emissions/CEMS Performance Reports (SLachance, 4/27/16)
04/25/2016	ROP Other	Compliance	Review of Q1 2016 Excess Emissions/CEMS Performance Reports; see CA_B197634304 (SLachance, 4/25/16)
04/18/2016	Sample Results Review	Compliance	Results of Hg Testing pursuant to MATS, 40 CFR 63 Subpart UUUUU, as reported to CEDRI, indicate an average of 0.747 lb Hg/trillion Btu thermal heat input. Applicable limit appears to be 1.2 lb Hg/trillion Btu per 40 CFR 63 Subpart UUUUU, Table 2.1.c. (SLachance, 4-18-16)
03/22/2016	Other	Compliance	Review of the required ROP Reports (Annual and Semi-Annual Deviations, CAM Excursions and CAM Monitor Downtime) for the periods ending 12/31/15 (SLachance, 3/22/16)

Activity Date	Activity Type	Compliance Status	Comments
03/22/2016	ROP Annual Cert	Compliance	Updated per discussion via report received 3/14/16; that report is reviewed. See CA_B197633840. (SLachance, 3/22/16)
03/22/2016	ROP SEMI 2 CERT	Compliance	Updated per discussion via report received 3/14/16; that report is reviewed. See CA_B197633840. (SLachance, 3/22/16)
03/22/2016	CAM Excursions/Exceedances	Compliance	Updated per discussion via report received 3/14/16; that report is reviewed. See CA_B197633840. (SLachance, 3/22/16)
03/22/2016	CAM monitor downtime	Compliance	Updated per discussion via report received 3/14/16; that report is reviewed. See CA_B197633840. (SLachance, 3/22/16)
03/22/2016	ROP Annual Cert	Compliance	See CA_B197633840. (SLachance, 3/22/16)
03/22/2016	ROP SEMI 2 CERT	Compliance	See CA_B197633840. (SLachance, 3/22/16)
03/22/2016	CAM Excursions/Exceedances	Compliance	See CA_B197633840. (SLachance, 3/22/16)
03/22/2016	CAM monitor downtime	Compliance	See CA_B197633840. (SLachance, 3/22/16)
03/09/2016	Meeting Notes	Compliance	On-site Meeting/Reporting Review; see CA_B197633628. (SLachance, 3/10/16)
02/17/2016	MAERS	Compliance	Audited as part of FCE for FY'016. No changes to data as submitted, only to "AQD-only" fields. See auditing details and comments in Audit Console, e-MAERS. (SLachance, 2/17/16)
01/25/2016	Excess Emissions (CEM)	Compliance	4th Quarter 2015 Excess Emissions and CEMS Performance Reports; see CA_B197633080. (SLachance, 1/22/16)
01/25/2016	Stack Test	Compliance	Particulate Matter Testing Report, conducted 11/18/15 on Unit 3; result indicates 0.009 lb/mmBtu, compared to ROP limit of 0.03 lb/mmBtu. Emissions are 30% of allowed. Test conditions - 70 MW, about 4% opacity; consistent with site observations on 11/18/15. See report. Subject to possible further review by AQD-TPU. (SLachance, 1/15/16) 2/29/16 memo from AQD-TPU indicates acceptability of reported results. (3/3/16)

Activity Date	Activity Type	Compliance Status	Comments
01/25/2016	Other	Compliance	Review of 2015 Q4 CEMS Performance and Excess Emissions Reports
11/18/2015	Stack Test Observation	Compliance	Stack Testing for PM as required by ROP. Day 1. Lemos Laboratories. TGasloli of AQD-TPU on-site with no reported testing issues. Operators indicate no operational issues; soot blowing during Run 1. Control Room indicates 70 MW and 5% opacity (Run 1.) Very windy. (SLachance, 11/18/15)
10/29/2015	Other	Compliance	Review of 3rd Quarter 2015 Excess Emissions and CEMS Performance Reports
10/29/2015	CEM RATA	Compliance	2015 RATA Report; subject to further review by DEQ-AQD-TPU, but reported results indicate acceptable performance of the Unit 3 CEMS. (SLachance, 10/29/15)
10/29/2015	Excess Emissions (CEM)	Compliance	3rd Quarter 2015 Excess Emissions and CEMS Performance Reports; see CA_B197631977. (SLachance, 10/29/15)
08/20/2015	ROP Other	Compliance	Resubmittal of 1st quarter Stack and Inlet CEM Data Reports; incorporates minor adjustment of COMS downtime due to "lost communication chip". See CA_B197629411. (SLachance, 8/20/15)
08/17/2015	Complaint Investigation	Compliance	Sampling Event; Observation of various boat surfaces and sampling from Bow and Stern of the boat in Slip 137.
08/17/2015	CAM Excursions/Exceedances	Compliance	Required ROP Semi 1 Reports; see CA_B197630502. (SLachance, 8/7/15)
08/17/2015	CAM monitor downtime	Compliance	Required ROP Semi 1 Reports; see CA_B197630502. (SLachance, 8/7/15)
08/07/2015	ROP Semi 1 Cert	Compliance	Required ROP Semi 1 Reports; see CA_B197630502. (SLachance, 8/7/15)
08/07/2015	Other	Compliance	Review of Reports Required per ROP for the Semi-Annual Period Ending 6/30/15. Includes report of deviations, CAM excursions and CAM Monitor Downtime. (SLachance, 8/7/15)

Activity Date	Activity Type	Compliance Status	Comments
08/03/2015	Other	Compliance	Review of Q2 Excess Emissions/CEMS Performance Reports
08/03/2015	Excess Emissions (CEM)	Compliance	Quarterly Excess Emissions Report for Q2 2015. See CA_B197630428. (SLachance, 8/3/15)
07/20/2015	Scheduled Inspection	Compliance	FCE for FY '015.

Name:  Date: 7/25/16 Supervisor: 