

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> GEORGIA PACIFIC CHEMICALS LLC	<b>SRN :</b> N1237
<b>Location :</b> 4113 W Four Mile Rd	<b>District :</b> Cadillac
	<b>County :</b> CRAWFORD
<b>City :</b> GRAYLING <b>State:</b> MI <b>Zip Code :</b> 49738	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> SM OPT OUT	<b>Staff :</b> Caryn Owens
<b>FCE Begin Date :</b> 5/22/2017	<b>FCE Completion Date :</b> 5/22/2018
<b>Comments :</b>	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
05/22/2018	Stack Test	Compliance	Formaldehyde at high load 0.002 lb/hr, and low load 0.002 lb/hr. VOCs at high load 0.03 lb/hr, and low load 0.02 lb/hr. DRE for TOC was 99.98% for both high & low loads using Method 320, and 99.97% high load and 99.84% low load using Method 25A. In compliance w/ PTI limits.
04/13/2018	MAERS	Compliance	See MAERS for Further Info. - Checked the SCC codes, all equip. was covered, & checked current vs previous year emission report. Reported emissions are within the permitted limits.
04/11/2018	Scheduled Inspection	Compliance	Scheduled Inspection and Records Review.
04/10/2018	Stack Test Observation	Compliance	Stack Test Observation 4/10/18 & 4/11/18
03/21/2018	ROP Other	Compliance	Stack Test Protocol, testing for formaldehyde, VOCs and TOC reduction at both max load and low load. Low load to simulate start-up operating conditions to show they still meet emission limits.
03/01/2018	Malfunction Abatement Plan	Compliance	Approval Letter sent 3/1/18

Activity Date	Activity Type	Compliance Status	Comments
01/30/2018	NSPS (Part 60)	Compliance	2nd Semi-Annual Report - 40 CFR Part 60 Subparts A, III, VV, & Kb; EE Summary for Formaldehyde Plant, EE sum of Methanol storage tank, & NSPS Reporting. Appears to be in compliance w/ 40 CFR Part 60 Subparts A, III, VV, & Kb. Temp. deviations from routine start-up.
01/30/2018	Rule 912	Compliance	Follow up to 1/9/18 phone call notification. Installed new catalyst, which required a low feed rate for an extended period during 2 startups. lower VOCs to oxidizer resulted in low differential temp across catalyst below normal min. temp of 251. Followed Man. specs to break-in new catalyst.
11/20/2017	Other Non ROP	Compliance	Georgia Pacific is installing a replacement catalytic converter and an adiabatic bed that will reduce methanol emissions. Performance testing will be completed and test protocols will be submitted to AQD within 60 to 90 days after start-up. Claiming exemption R 285(b).
10/09/2017	Rule 912	Compliance	Follow up to 9/22/17 email R 912 notification. Temp of condenser was above the permitted 50 degrees F for 4.8 hours, chiller not operating properly due to fouled air-cooled heat exchanger on chiller & vendor replaced, only losses due to breathing loss occurred.
08/14/2017	NSPS (Part 60)	Compliance	1st Semi-Annual Report - 40 CFR Part 60 Subparts A, III, VV, & Kb; EE Summary for Formaldehyde Plant, EE Summary for Methanol storage tank, and NSPS Reporting. Appears to be in compliance w/ 40 CFR Part 60 Subparts A, III, VV, & Kb. Temp. deviations were from routine start-up.
05/22/2017	MAERS	Compliance	See MAERS for further Info. - Chk'd the SCC codes, all equip. was covered, & chk's current vs previous yr emission report. Reported emissions are within the permitted limits.

Name:

*Caryn Owens*

Date:

*5/22/18*

Supervisor:

*SN*