M4854
manila
FCE

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility :	Sumpter Generating Plant	**SRN :**	M4854
Location :	8509 RAWSONVILLE RD	**District :**	Detroit
		County :	WAYNE
City :	BELLEVILLE **State:** MI **Zip Code :** 48111	**Compliance Status :**	Compliance
Source Class :	MAJOR	**Staff :**	Samuel Liveson
FCE Begin Date :	8/22/2022	**FCE Completion Date :**	8/22/2023
Comments :	FCE for Fiscal Year 2023		

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
08/22/2023	On-site Inspection	Compliance	Fiscal Year 2023 Inspection
08/21/2023	ROP Annual Cert	Compliance	ROP annual certification covering calendar year 2022 received on 3/14/2023. Zero (0) deviations reported.
08/21/2023	ROP SEMI 2 CERT	Compliance	ROP semiannual deviation report covering the period 7/1/2022 through 12/31/2022 received on 3/14/2023. Zero (0) deviations reported.
08/21/2023	Excess Emissions (CEM)	Compliance	2Q 2023 Excess Emissions Report and Quality Assurance Procedures Data Assessment Report for Units 1-4. The EER indicates there were no excess NOx emissions and there was no monitor downtime for units 1, 2, and 4. Unit 3 experienced CEMS downtime for 5 hours out of 145 hours operated during the quarter. On 6/30/2023 the CEMS data was invalidated for 5 hours due to a high temperature recorded in the CEMS chiller.

Activity Date	Activity Type	Compliance Status	Comments
08/21/2023	Stack Test	Compliance	CO Stack Test (Unit 2) and NOx RATA (Units 1 through 4) reports received July 24, 2023 for testing/sampling conducted from June 13 through 16, 2023. Please see report M485468778. CO emission rate measured 0.005 lb/MMBtu, below the limit of 0.057 lb/MMBtu. NOx relative accuracies for each combustion turbine were less than the percent threshold for 40 CFR Parts 60 and 75.
08/21/2023	Stack Test Observation	Compliance	Review of 2023 NOx RATA on Units 1 through 4 and CO Test on Unit 2
06/15/2023	Excess Emissions (CEM)	Compliance	4Q 2022 Excess Emissions Report and Quality Assurance Procedures Data Assessment Report for Units 1-4. The EER indicates there were no excess NOx emissions and there was no monitor downtime for units 1-4.
06/15/2023	Excess Emissions (CEM)	Compliance	1Q 2023 Excess Emissions Report and Quality Assurance Procedures Data Assessment Report for Units 1-4. The EER indicates there were no excess NOx emissions and there was no monitor downtime for units 1-4.
05/25/2023	Annual Emissions Report (or MAERS)	Compliance	MAERS report submitted electronically on 3/14/2023 and the ROP Certification received on 3/14/2023. Please see report M485467516.
05/25/2023	Other	Compliance	Review of 2022 MAERS submittal.
12/19/2022	Excess Emissions (CEM)	Compliance	3Q 2022 Excess Emissions Report and Quality Assurance Procedures Data Assessment Report for Units 1-4. The EER indicates there were no excess NOx emissions and there was no monitor downtime for units 1-4.
11/03/2022	ROP Semi 1 Cert	Compliance	No deviations from ROP conditions were reported for the semi-annual reporting period.
11/03/2022	Excess Emissions (CEM)	Compliance	2Q 2022 Excess Emissions Report and Quality Assurance Procedures Data Assessment Report for Units 1-4. The EER indicates there were no excess NOx emissions and there was no monitor downtime for units 1-4.

Activity Date	Activity Type	Compliance Status	Comments
09/21/2022	Stack Test	Compliance	RATA (Units 1 through 4) and CO Stack Test (Unit 1) reports received via email August 16, 2022, and hard copy received August 25, 2022. CO stack test emission results were measured as 0.006 lb CO/MMBtu. This is below the facility permit limit of 0.057 lb CO/MMBtu per MI-ROP-M4854-2021, FG-TURBINES, SC I.2. All RATA results appear to pass. The highest NOx lb/MMBtu relative accuracy (RA) for any unit 1-4 was 6.45% on unit 4. The highest NOx ppmvd RA was 5.24% on unit 1. Values demonstrated compliance with Part 60 and Part 75 requirements.

Name: [signature] **Date:** 11/19/2024 **Supervisor:** JK