

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

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| Facility : | WYANDOTTE DEPT MUNI POWER PLANT | SRN : | B2132 |
| Location : | 2555 VAN ALSTYNE | District : | Detroit |
| | | County : | WAYNE |
| City : | WYANDOTTE | State: | MI |
| Zip Code : | 48192 | Compliance Status : | Compliance |
| Source Class : | MAJOR | Staff : | Stephen Weis |
| FCE Begin Date : | 7/25/2018 | FCE Completion Date : | 7/25/2019 |
| Comments : | FCE for FY 2019 for the Wyandotte Department of Municipal Services Power Plant facility. | | |

List of Partial Compliance Evaluations :

| Activity Date | Activity Type | Compliance Status | Comments |
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| 07/25/2019 | Scheduled Inspection | Compliance | Compliance inspection of the Wyandotte Department of Municipal Services Power Plant facility in Wyandotte. The facility is scheduled for inspection in FY 2019. |
| 05/29/2019 | CEMS Test Observation | Compliance | Review of 1st quarter 2019 excess emissions report. |
| 05/29/2019 | Other | Compliance | Review of annual and semi-annual ROP and MACT reports for 2018. |
| 05/13/2019 | Other | Compliance | Review of RY2018 MAERS submittal. |
| 10/22/2018 | Stack Test Observation | Compliance | Review of compliance emissions test report. |
| 10/17/2018 | Other | Compliance | Review of semi-annual ROP and MACT reports for the first semi-annual period of 2018. |

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| 10/17/2018 | Excess Emissions (CEM) | Compliance | <p>2nd Quarter 2018 Excess Emissions Report.</p> <p>The City of Wyandotte Municipal Services (WMS) submitted the 2nd Quarter 2018 Excess Emissions Report, which was received at the DEQ-AQD Detroit Office on July 19, 2018. There are currently two boilers operating at the WMS Power Plant – Units 5 and 7, which are designated in the Power Plant facility's ROP as EUUNIT5BLR and EUUNIT7BLR.</p> <p>Unit 5 is currently not subject to any emission limitations; the unit is subject to Acid Rain permitting provisions, and the Transport Rule NOx Annual Trading Program, the Transport Rule NOx Ozone Trading Program, and the Transport Rule SO2 Group 1 Trading Program in accordance with the Cross-State Air Pollution Control Rule (CSAPR). Unit 5 is required to calibrate, maintain and operate devices to monitor and record NOx and CO2 emissions and flow on a continuous basis (Special Condition IV.2 in EUUNIT5BLR in the facility's ROP).</p> <p>Unit 7 is subject to a NOx emissions limitation of 0.20 lb/MMBTU heat input per 40 CFR Part 60, Subpart D. Unit 7 is also subject to Acid Rain permitting provisions, and the Transport Rule NOx Annual Trading Program, the Transport Rule NOx Ozone Trading Program, and the Transport Rule SO2 Group 1 Trading Program in accordance with the Cross-State Air Pollution Control Rule (CSAPR). Unit 7 is required to calibrate, maintain and operate devices to monitor and record NOx emissions and oxygen or carbon dioxide on a continuous basis.</p> <p>The 2nd Quarter Excess Emissions Report provides that during the calendar quarter, there were no excess emissions measured from Unit 7. The Continuous Emissions Monitoring System (CEMS) operating on Unit 5 was reported as experiencing 2</p> |
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| 10/17/2018 | Excess Emissions (CEM) | Compliance | hours of downtime out of the 952.63 hours that Unit 5 operated, which corresponds to monitor downtime for 0.21 percent of the boiler's operating time during the 2nd calendar quarter of 2018. Unit 7 was reported as having no periods of downtime during the 2nd calendar quarter, with 123.93 hours of reported operating time: |
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| 10/17/2018 | Excess Emissions (CEM) | Compliance | <p>3rd Quarter 2018 Excess Emissions Report.</p> <p>The City of Wyandotte Municipal Services (WMS) submitted the 3rd Quarter 2018 Excess Emissions Report, which was received at the DEQ-AQD Detroit Office on October 8, 2018. There are currently two boilers operating at the WMS Power Plant – Units 5 and 7, which are designated in the Power Plant facility's ROP as EUUNIT5BLR and EUUNIT7BLR.</p> <p>Unit 5 is currently not subject to any emission limitations; the unit is subject to Acid Rain permitting provisions, and the Transport Rule NOx Annual Trading Program, the Transport Rule NOx Ozone Trading Program, and the Transport Rule SO2 Group 1 Trading Program in accordance with the Cross-State Air Pollution Control Rule (CSAPR). Unit 5 is required to calibrate, maintain and operate devices to monitor and record NOx and CO2 emissions and flow on a continuous basis (Special Condition IV.2 in EUUNIT5BLR in the facility's ROP).</p> <p>Unit 7 is subject to a NOx emissions limitation of 0.20 lb/MMBTU heat input per 40 CFR Part 60, Subpart D. Unit 7 is also subject to Acid Rain permitting provisions, and the Transport Rule NOx Annual Trading Program, the Transport Rule NOx Ozone Trading Program, and the Transport Rule SO2 Group 1 Trading Program in accordance with the Cross-State Air Pollution Control Rule (CSAPR). Unit 7 is required to calibrate, maintain and operate devices to monitor and record NOx emissions and oxygen or carbon dioxide on a continuous basis.</p> <p>The 3rd Quarter Excess Emissions Report provides that during the calendar quarter, there were no excess emissions measured from either Unit 5 or Unit 7, presumably due to low or no usage of these emission units during the calendar quarter. The</p> |
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| 10/17/2018 | Excess Emissions (CEM) | Compliance | Continuous Emissions Monitoring System (CEMS) operating on Unit 5 was reported as experiencing no downtime during the 8.40 hours that Unit 5 operated. Unit 7 was reported as having not operated at all during the 3rd calendar quarter. |
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Name: Steve Wiers Date: 8/26/19 Supervisor: JK