

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

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| Facility : ALLOY RESOURCE CORPORATION | SRN : N7888 |
| Location : 2281 PORT CITY BLVD | District : Grand Rapids |
| | County : MUSKEGON |
| City : MUSKEGON State: MI Zip Code : 49442 | Compliance Status : Non Compliance |
| Source Class : SM OPT OUT | Staff : Eric Grinstern |
| FCE Begin Date : 8/12/2023 | FCE Completion Date : 8/12/2024 |
| Comments : FY24 FCE | |

List of Partial Compliance Evaluations :

| Activity Date | Activity Type | Compliance Status | Comments |
|---------------|------------------------------------|-------------------|---|
| 06/05/2024 | On-site Inspection | Non Compliance | Unannounced compliance inspection |
| 05/13/2024 | Annual Emissions Report (or MAERS) | Compliance | Submittal appears to account for applicable emission units and emissions. Submittal includes supporting documentation. Emission changes appear to correlate with changes in material throughput relative to the previous year's submittal. Emissions are based on stack testing, which is at the baghouse stack that controls both the reverb and rotary furnaces. The facility assumed a 50/50 split of the stack test emission factors. The facility had an error for HCL, the submittal was sent back to allow for the correction. Supporting data provided by the facility via email and uploaded by staff. |

| Activity Date | Activity Type | Compliance Status | Comments |
|---------------|----------------|-------------------|--|
| 02/08/2024 | MACT (Part 63) | Compliance | Semiannual Report pursuant to 40 CFR 63 Subpart RRR No deviations reported. The facility reported three SSM events during the reporting period. Baghouse CMS records - 17 days-upgraded CMS computer, required reprograming, alarm was working, extra weekly alarm audit performed and manual alarm review conducted during this period, Close calls documented for low carbon feed Fire in rotary exhaust duct, did not impact baghouse or baghouse alarms. Close call event for 11/8 associated with a baghouse malfunction requiring temporary plant shutdown. |
| 08/17/2023 | MACT (Part 63) | Compliance | Semiannual Report pursuant to 40 CFR 63 Subpart RRR The facility documented a computer issue that resulted in the loss of process data for a 10 hour period on 2/1/2023. Additionally the facility lists two days were there were single elevated 3- hour bock temperature occurrences that they list as "close calls" (4/29/2023,5/16/2023). The report states that the event on 5/16/2023 exceeded the established temperature limit for 3 hours, which would be a deviation. The temperature events will be evaluated during an on-site visit in FY24. |

Name: Eric Grinstern Date: 08/12/2024

Supervisor: HH