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May 9, 2025

Christopher Biro
Ohio Environmental Protection Agency
Northeast District Office
2110 East Aurora Road
Twinsburg, Ohio 44087

**Re: Monthly Progress Report – April 2025
Material Sciences Corporation
460 W Main Street
Canfield, Ohio 44406
OHD000810283
August Mack Project Number: JZ0412.372**

Dear Mr. Biro,

On behalf of Material Sciences Corporation, August Mack Environmental, Inc. (August Mack) is submitting the attached Monthly Progress Report. This submittal was prepared in accordance with the Director's Final Findings and Orders, which were effective on December 31, 2024. This submittal includes information regarding Site activities in April 2025.

Should you have any questions or need any additional information, please do not hesitate to contact us,

Sincerely,

Brandon C. Lewis, CP, CHMM
Regional Director, Ohio Offices

Bryant Hoffer, CHMM, LPG
Senior Manager, Geologist



April 2025
MONTHLY PROGRESS REPORT
Material Sciences Corporation
460 W Main Street
Canfield, Ohio 44406

Submitted To: Christopher Biro, Environmental Specialist – Ohio EPA
Prepared By: August Mack Environmental, Inc.
On Behalf of: Material Sciences Corporation
Reporting Period: April 1, 2025 through April 30, 2025.

1. Describe the status of the Work and actions taken toward achieving compliance with the Orders during the reporting period.
 - a. Fourteen (14) storage tanks (BT-617004, BT-623049, 577F, 505G, 579D—sampled twice, 586A, BT-621020, BT-623053, P6017, P6023, P6042, P6006, 543H) were characterized for disposal. Approximately 86,690 gallons of wastewater were picked up and disposed of by Arcwood Environmental Services.
 - b. 59 Drums containing groundwater, soil, and debris were removed from the Site for off-site disposal at an approved facility.
 - c. Approximately 267,830 gallons of wastewater were treated on-site and discharged to Publicly Owned Treatment Works (POTW).
 - d. Counsel communications with the resident's attorney regarding fence and sampling work in the tributary to Sawmill Creek.
 - e. Conducted daily on-site walks to determine if new surface expressions of brown liquid were present.
 - f. Site walk with Ohio EPA to review locations relating to implementation of the Wetland and Sawmill Creek Sampling Work Plan
 - g. The ditch liner has been repaired and inspected to address areas where brown liquid was observed on 3/6/2025. Details will be included in the Ditch Interim Measure (IM) completion report.
2. Describe difficulties encountered during the reporting period and actions taken to rectify any difficulties.
 - a. On April 5th, heavy rainfall caused the wetland to flood back into the Line of Compliance (LOC). To better understand downstream conditions due to the flooding event, samples were collected at the T2-50 and T2-Cardinal locations (resulting in 0.18 and 0.15 mg/L of free cyanide, respectively). Laboratory analytical data discussed during the April 11th technical call and the laboratory report was provided to Ohio EPA on April 23rd. Water management and collection continued from the LOC until the waters receded back to the wetland.

- b. On the evening of April 20th, an overfill occurred while transferring water from Tank 516H to other tanks on-Site. A manifold valve was inadvertently left open leading to Tank 505G which caused the overfill. The tank was located near the ditch and staged within secondary containment. An estimated 200-400-gallons made it outside of the secondary containment. Liquid from the overfill flowed into the ditch due to the grade at the Site. A vacuum/sump pump was used to remove as much liquid on top of the liner as practical. The rocks within the liner were rinsed over multiple days, including approximately 6,500-gallons of municipal water from a tanker truck on April 23rd. All rinse water was collected at the LOC.
3. Describe activities planned for next month.
- a. Continued disposal of recovered water to manage on-Site storage capacity.
 - b. Continued pick up and disposal of soil wastes from Interim Measure implementation and Site investigation activities at Arcwood Environmental Services in Indianapolis, Indiana.
 - c. Continued on-site treatment and laboratory confirmation sampling of wastewater to be discharged via the POTW.
 - d. Continued implementation of the ditch liner interim measure, including regular inspections in accordance with the Orders.
 - e. Storage tank sampling, as needed, for waste characterization.
 - f. On-going water recovery efforts will continue to ensure contaminated water does not flow past the LOC until the completion of the Interim Measure.
 - g. On-going daily Site walks to identify any additional areas of concern.
 - h. Secondary containment fluid management will continue, as needed, to ensure no releases if leaks occur from tanks.
 - i. Finalize and submit the Corrective Action Framework (CAF) milestone document.
 - j. Finalize and submit the RCRA Facility Investigation Work Plan (RFI WP) by May 30, 2025.
 - k. Implementation of the Wetland and Creek Sampling Work Plan.
4. Identify changes in key Personnel.
- a. No changes in personnel during this reporting period.
5. List target and actual completion dates for each element of activity, including project completion.
- a. Initial Site Investigation (ISI)
 - i. ISI conducted beginning in October 2024.
 - ii. ISI Report submitted to Ohio EPA on December 12, 2024.
 - b. Ditch Interim Measure

- i. Plan Submitted to Ohio EPA on October 7, 2024 with revisions per Ohio EPA requests submitted and subsequently approved on November 15, 2024.
 - ii. Interim Measure (including subsurface conveyance infrastructure) 95% complete and waiting for Ohio EPA approval to finish (removal of LOC and finish final piece of liner). Anticipated completion of May 2025, with ongoing liner inspections.
- c. Vapor Intrusion
 - i. Indoor Air Sampling in facility building in December 2024.
 - ii. TCE Interim Measure Implementation in February 2025.
 - iii. The TCE Interim Measures Implementation Report submitted on March 31, 2025.
- d. Water Treatment
 - i. Water treatment pilot testing was completed in December 2024.
 - ii. A Permit to Install (PTI) was submitted January 22, 2025.
 - 1. A revised PTI was submitted January 27, 2025.
 - 2. Ohio EPA approved the PTI on January 29, 2025.
- e. Tributary to Sawmill Creek
 - i. Wetland and Sawmill Creek Sampling Work Plan submitted on April 18, 2025.
 - ii. Ohio EPA approved the work plan on April 30, 2025
 - iii. Wetland and Sawmill Creek sampling anticipated to start the week of May 12, 2025.
- f. Corrective Action Framework (CAF)
 - i. Initial CAF Meeting held January 29, 2025.
 - ii. CAF agreement is anticipated to complete by August Mack in Spring 2025.
- g. RCRA Facility Investigation (RFI) Work Plan
 - i. RFI Work Plan anticipated to be submitted by May 30, 2025.
- 6. Provide an explanation for any deviation from any applicable schedule.
 - a. Ditch IM finalization has been delayed but is anticipated to be complete in May 2025.
- 7. Indicate how much contaminated soil was removed and contaminated ground water was pumped and indicate where such contaminated media were disposed.
 - a. Approximately 86,690 gallons of wastewater were picked up and disposed of by Arcwood Environmental Services.
 - b. Approximately 267,830 gallons of wastewater were treated on-Site and discharged to the POTW.

- c. 28 drums containing hazardous ground and decontamination water were picked up and disposed of by Arcwood Environmental Services.
- d. 7 drums containing hazardous debris were picked up and disposed of by Arcwood Environmental Services.
- e. 1 drum containing non-hazardous material from a hydraulic fluid spill was picked up and disposed of by Arcwood Environmental Services.
- f. 12 drums containing non-hazardous ground and decontamination water were picked up and disposed of by Arcwood Environmental Services.
- g. 11 drums containing hazardous soils were picked up and disposed of by Arcwood Environmental Services.