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July 9, 2025

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

**Re: Monthly Progress Report – June 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 June 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



June 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: June 1, 2025 through June 30, 2025.

1. Describe the status of the Work and actions taken toward achieving compliance with the Orders during the reporting period.

- a. Approximately 536,000 gallons of impacted water were treated and discharged to the Publicly Owned Treatment Works (POTW).
- b. Continued counsel communications with the residents' attorney regarding access agreements for fence and sampling work in Sawmill Creek.
- c. Conducted on-site walks to verify new surface expressions of dark brown liquid were not present.
- d. Cleaned and removed seven (7) 6,300-gallon storage tanks from the Site.
- e. Pumping down secondary containments occurred as needed throughout the reporting period.
- f. Five (5) drums of hazardous waste were disposed off-Site by Arcwood Environmental (Arcwood) on June 13, 2025.
- g. One (1) roll-off of hazardous debris waste was disposed off-Site by Arcwood on June 23, 2025.
- h. August Mack submitted a request to restore flow from the ditch to Sawmill Creek, and pump stormwater in the ditch around the Line of Compliance (LOC). Approval from the Ohio Environmental Protection Agency (EPA) was received on June 9, 2025, contingent upon implementation of the Ditch Interim Measure (IM) Monitoring Plan.
- i. Collected one upstream sample for cyanide DR900 analysis at T-0 during a rain event on June 9, 2025.
- j. Submitted Integral's Level III Biological Sampling Plan on June 13, 2025. Approval from Ohio EPA was received on June 30, 2025.
- k. Completed Ditch IM downstream monitoring of Sawmill Creek in accordance with the Ditch IM Monitoring Plan (i.e. Samples collected after 30-min (following first flush) and within 4 -hours of rainfall greater than 0.1-inches). Monitoring occurred once during the reporting period (June 17, 2025). The concentrations of

cyanide at downstream locations were below the IM target concentration of 0.40 mg/L (See **Attachment A** for results).


- l. On June 10, 2025, August Mack submitted a request to decommission the upstream dam, remove the line of compliance dam, connect the upper and lower portions of the stormwater ditch, and allow the stormwater entering the ditch to flow directly into Sawmill Creek via the conveyance pipes. Approval from Ohio EPA was received on June 23, 2025 and contingent on the implementation of the Preliminary Ditch IM Operation and Maintenance (O&M) Plan.
 - m. Submitted Preliminary Ditch IM O&M Plan on June 19, 2025.
 - n. Finalized the Wetland and Downstream Sawmill Creek Sampling Implementation Report, anticipated to be submitted in July 2025.
2. Describe difficulties encountered during the reporting period and actions taken to rectify any difficulties.
- a. No difficulties encountered during this reporting period.
3. Describe activities planned for next month.
- a. Continued on-site treatment and laboratory confirmation sampling of wastewater to be discharged to the POTW.
 - b. Continued pick up and disposal of waste from the Ditch IM implementation and Site investigation activities.
 - c. Continued O&M of the Ditch IM, including regular inspections in accordance with the Orders.
 - d. Completion of the Ditch IM, tentatively expected to begin July 7, 2025.
 - e. On-going water recovery efforts will continue to ensure contaminated water does not flow past the Line of Compliance (LOC) until the completion of the Ditch IM. Once the Ditch IM is completed, contaminated subsurface water will continue to be collected at the sump and redundant sump located underneath the finished ditch liner.
 - f. On-going daily Site walks to identify any additional areas of concern.
 - g. On-going downstream sampling when a measured rainfall event exceeds 0.1-inches.
 - h. Secondary containment fluid management will continue, as needed.
 - i. Submittal of the Wetland and Downstream Sawmill Creek Sampling Implementation Report.
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 implementation (including subsurface conveyance infrastructure) occurred from November 2024 through July 2025.
 - iii. On June 7, 2025, August Mack submitted a request to restore flow from the ditch to Sawmill Creek. Approval from the Ohio EPA was received on June 9, 2025, contingent upon implementation of the Ditch IM Monitoring Plan.
 - iv. Submitted Preliminary Ditch IM O&M Plan on June 19, 2025.
 - v. Received approval from OEPA contingent upon the completion of liner installation and dam removal on June 23, 2025.
 - vi. Received approval from the Ohio EPA on June 23, 2025, to complete the ditch liner, remove the dam at the LOC and the upstream dam, and resume natural flow to sawmill creek. Ditch IM completion activities are set to begin in early July.
 - 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. Wetland and Downstream Sawmill Creek Sampling
 - i. Wetland and Downstream Sawmill Creek Sampling Work Plan submitted on April 18, 2025.
 - ii. Ohio EPA approved the work plan on April 30, 2025.
 - iii. Wetland and Downstream Sawmill Creek sampling started the week of May 12, 2025.

- iv. Wetland and Downstream Sawmill Creek Sampling Implementation Report anticipated to be submitted in early July 2025.
 - f. Corrective Action Framework (CAF)
 - i. Initial CAF Meeting held January 29, 2025.
 - ii. CAF agreement is anticipated to be submitted in July 2025.
 - g. RCRA Facility Investigation (RFI) Work Plan
 - i. RFI Work Plan was submitted on May 30, 2025.
6. Provide an explanation for any deviation from any applicable schedule.
- a. Ditch Interim Measure finalization has been delayed pending final performance confirmation. Work to finalize the interim measure (i.e. dam removal and final liner connections) will commence on July 7, 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 536,000 gallons of wastewater were treated on-Site and discharged to the POTW.
 - b. One (1) roll-off containing hazardous debris was disposed off-Site by Arcwood on June 23, 2025.
 - c. Four (4) drums containing hazardous waste from water treatment operations were disposed off-Site by Arcwood on June 13, 2025
 - d. One (1) drum containing hazardous investigation derived liquid waste from the wetland and Sawmill Creek investigation was disposed off-Site by Arcwood on June 13, 2025.

Attachment A

Ditch Interim Measure – Downstream Monitoring Form – June 17, 2025

	Weekly Ditch IM Monitoring			Project Name:
				MSC Site Response
				Site Address:
				460 West Main Street Canfield, Ohio
				Project Number:
				JZ0412.372
Employee Completing Sampling:			Sampling Date:	
W. Bedel, M. Hamilton, B. Hoffer			Tuesday, June 17, 2025	
Sampling Event Information				
Rain event occurring greater than 0.10 in.? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Is water being pumped/flowing from the top of the liner to Sawmill Creek? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Samples submitted for Lab Analysis (if yes then list samples below)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Sample Information				
Location	Sample ID	Sample Time	Field pH	Free Cyanide (DR900)
T2-0 (near the Mill Creek Park Bikeway)	SW-T2-0-20250617	17:45	8.51	0.20
T2-100 (approximately 100 ft downstream of T2-0)	SW-T2-100-20250617	17:50	8.44	0.12
T2-250 (approximately 250 ft downstream of T2-0)	SW-T2-250	17:55	8.34	0.06
At the location Sawmill Creek crosses Cardinal Drive	SW-Cardinal-20250617	17:40	8.59	0.008
At the location Sawmill Creek crosses Verdant Lane	SW-Verdant-20250617	17:32	8.66	0.022
T-1050	T-1050-20220617	16:45	12.03	285
Notes/Comments				
First Ditch IM Montioring Sampling event. No samples were submitted for off-Site laboratory analysis.				