SCS ENGINEERS

1690 All-State Court
Suite 100
West Des Moines, IA 50265
515-631-6160
File No. 27226086.00

October 29, 2026

Brian Rath, PE
Iowa Department of Natural Resources
Land Quality Bureau
6200 Park Avenue, Suite 200
Des Moines, Iowa 50321

Subject: Fall 2026 Semiannual Inspection Report
Heidelberg-Mason City Cement Manufacturing Waste Landfill
Permit No. 17-SDP-08-99P

Dear Brian:

This brief report documents the semi-annual inspection required by the facility's Iowa Department of Natural Resources (DNR) Sanitary Disposal Project Permit and the Iowa Administrative Code. The inspection was made to evaluate the site's general conformance with the permit and the approved plans and specifications. A site map is attached for reference (Figure 1). A copy of the observation checklist used during the inspection is included in Attachment A. A summary from the inspection is provided below.

Summary of Inspection Observations

The following items were observed:

- Filling operations were occurring in the Phase 2 and 3 area in the southwest portion of the monofill.
- Cap vegetation was well established on the Phase 1 and 2 areas that had cover applied.
- Leachate recirculation was not occurring at the time of inspection. No ponding was observed on areas with cover.
- No areas of erosion were observed.
- No leachate seeps were observed.

Summary of Non-Conformance with Permit Conditions

There were no items of non-conformance noted during the inspection.

The following items do not constitute non-compliance; however, continued monitoring is recommended:

- Areas of cover should continue to be monitored and maintained as needed.

If you have any questions about this report, please contact us as noted below.

Sincerely,

Semir Omerovic
Associate Professional
SCS Engineers
515-988-3237
somerovic@scsengineers.com

Kevin Jensen
Project Manager
SCS Engineers
515-358-3155
kjensen@scsengineers.com

Enclosure(s): Figure 1 – Site Map
Attachment A – Sanitary Landfill Inspection Checklist

CC: Kimberlie Bumgardner – Heidelberg Materials US Cement
Patrick Karamaga – Heidelberg Materials US Cement
Iowa DNR Field Office #2

Certification

LICENSED PROFESSIONAL ENGINEER
CHRISTINE L. COLLIER
17963
IOWA

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Christine L Collier

Date: 10/29/26

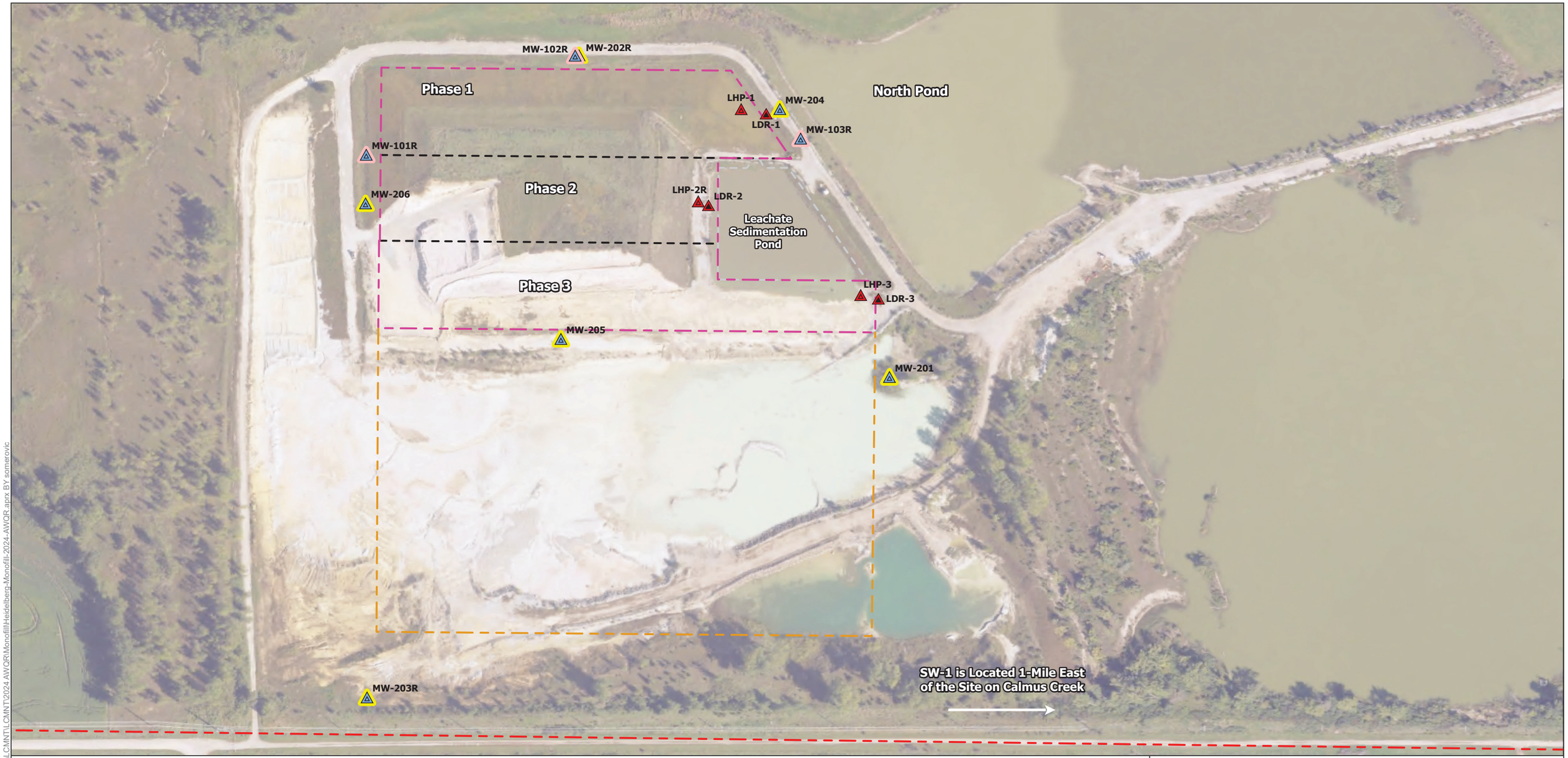
Christine L. Collier, P.E.

License No. 17693

My license renewal date is December 31, 2027.

Pages or sheets covered by this seal:

All.



Legend

- Bedrock Montioring Point
- Clay Monitoring Point
- Monitoring Well
- Leachate Piezometer
- Leak Detection Lysimeter
- Waste Boundary
- Existing Cell Boundary
- FML Liner Boundary
- Future Waste Boundary
- Property Boundary

N
W E
S

0 170 340
Feet

Site Map

Figure 1
Heidelberg Materials US Cement
Mason City, Iowa

27226086.00	Oct 2026

SCS ENGINEERS

C:\Users\SOmerovic\Documents\GIS Folder\Working & Completed\LCM\NT\LCM\NT2024 AWQR\Monofill\Heidelberg-Monofill-2024-AWQR aprx BY somerovic

ATTACHMENT A | SANITARY LANDFILL INSPECTION CHECKLIST

SCS Engineers
1690 All-State Court, Suite 100
Sanitary Landfill Inspection Checklist

Permit #: 17-SDP-08-99P

Facility Name: Heidelberg -Mason City Cement Manufacturing Waste Landfill
County: Cerro Gordo
Facility Operator: Heidelberg Materials US Cement, LLC
Address: 700 25th Street NW, Mason City, Iowa
Phone: (641) 421-3400

Responsible Official: Patrick Karamaga
Address: 700 25th Street NW, Mason City, Iowa
Phone: (641) 421-3442
Date Last Inspection: March 19, 2026
Date This Inspection: October 5, 2026

At the Time of this Inspection:

- **Facility personnel present:** None
- **Wind direction and speed:** Southeast, 5-10 mph
- **Surface conditions:** Damp
- **Ambient temperature:** 70° F

Yes – compliance was being achieved; **No** – compliance was not being achieved,
N/A – not applicable or not observed; **PND** – previously noted deficiency (PND).

Observations

Yes	No	N/A	PND	Item	Yes	No	N/A	PND	Item
☒	☐	☐	☐	1. Fill Cover: final	☐	☐	☒	☐	10. Special Waste Handling
☒	☐	☐	☐	2. Control of Face	☐	☐	☒	☐	11. Recycling Activities
☐	☐	☒	☐	3. Compaction	☒	☐	☐	☐	12. Operator Certification
☒	☐	☐	☐	4. Cover erosion; Ponding	☒	☐	☐	☐	13. Staffing
☒	☐	☐	☐	5. Drainage into fill	☒	☐	☐	☐	14. Equipment Backup/Maintenance
☒	☐	☐	☐	6. Leachate Mgmt. & Control	☒	☐	☐	☐	15. Interior Roads
☐	☐	☒	☐	7. Litter	☒	☐	☐	☐	16. Perimeter fence, gate, signs, wells
☐	☐	☒	☐	8. Wet Weather Area	☐	☐	☒	☐	17. Photos taken
☐	☐	☒	☐	9. Construction & Demolition Area	☐	☒	☐	☐	18. Follow-up needed? (Yes/No)

Comments: The comments below correspond to the numbered observation items listed above.

1. Landfill cover and vegetation on the covered portions of Phase 1 and 2 were in good condition.
2. Filling operations were occurring in the Phase 2 and 3 area in the southwest portion of the monofill.
4. No areas of erosion were observed on the Phase 1 and 2 areas that had cover applied. No ponding was observed on areas with cover.
5. Run-on and runoff were being properly controlled in the active area. Special Provision 2.e. of the sanitary disposal project permit allows for exemption of daily and weekly soil cover applications.
6. No seeps were observed.
12. Operator certificates were current. Permit variance approved 10/24/2003 allows for unloading of waste at the working face when a certified operator is not on duty.
13. Adequate personnel are employed to control landfill operations.
14. Equipment was sufficiently maintained, and backup equipment was available.
15. Access roads leading to the site and within the site were in good condition.
16. The perimeter fence, gate, signs, and wells were in good condition.
18. The landfill cap should continue to be periodically monitored and maintained as necessary.

AUTHENTICATION

INSPECTOR	Semir Omerovic	Date: 10/5/2026
REVIEWER	Christine L. Collier, P.E.	Date: 10/29/2026