

April 29, 2026
File No. 27226044.00

Ms. Alexis Slade
Iowa Department of Natural Resources
Land Quality Bureau
6200 Park Avenue, Suite 200
Des Moines, Iowa 50321

Subject: Spring 2026 Semiannual Inspection Report
Climax Molybdenum Company IW Landfill
Permit No. 56-SDP-06-80P-ILF

Dear Alexis,

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:

- Landfilling was last performed in late fall 2025 and is expected to occur again in fall 2026. At least three feet of waste had been placed in the new Phase 4-6 cells at the time of inspection.
- Intermediate cover was being placed on the active cell area at the time of inspection. No significant cap erosion was observed on the active cell area. Cap vegetation was well established on the closed cell area where construction activities did not occur.
- No areas of ponding were observed.
- No leachate seeps were observed.

SUMMARY OF NON-CONFORMANCE WITH PERMIT CONDITIONS

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

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

- Continue to monitor and maintain the landfill cover as necessary.



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

Sincerely,



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





Kevin Jensen
Project Manager
SCS Engineers
kjensen@scsengineers.com
515-368-3155

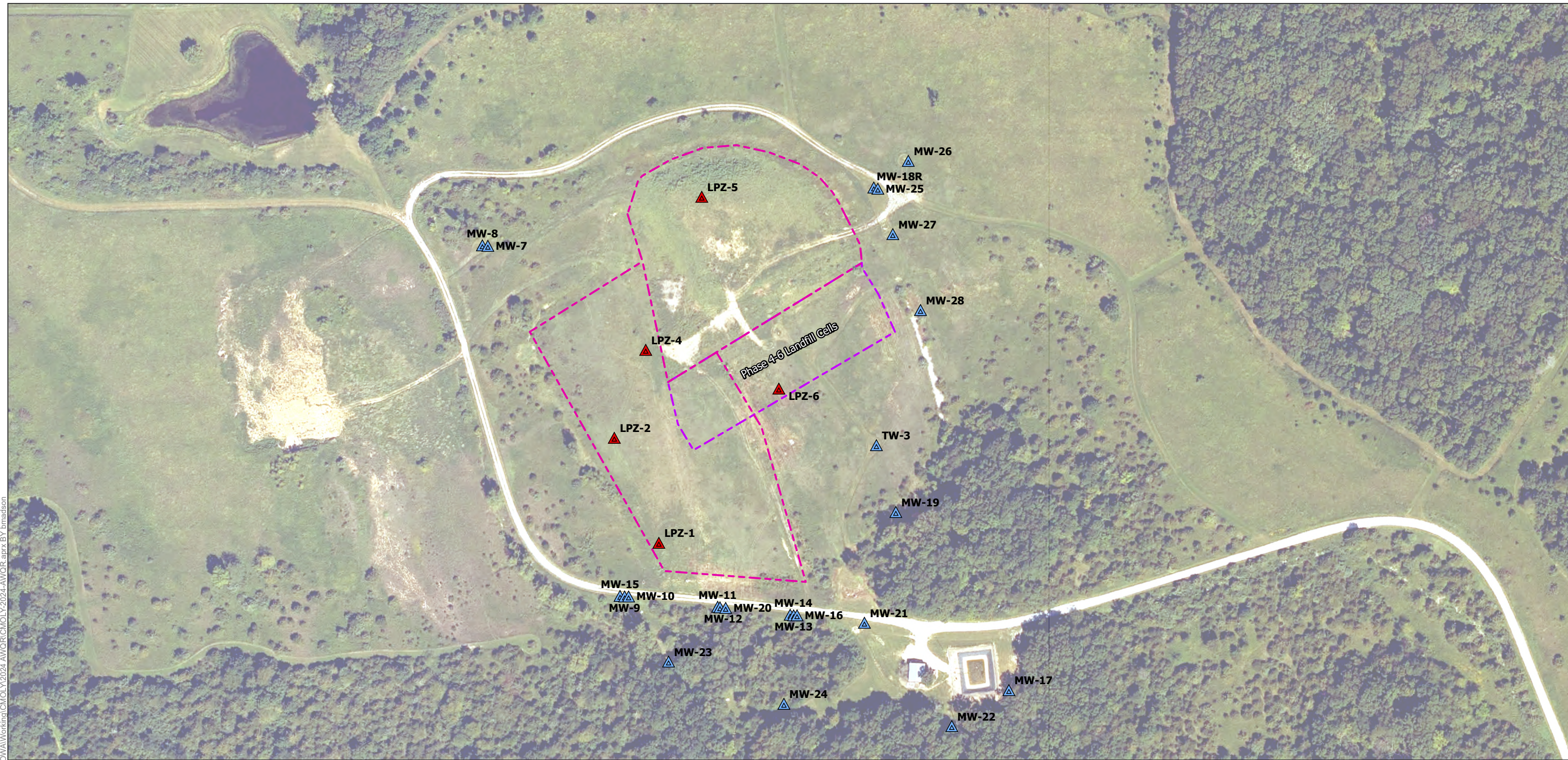
SO/KAJ/CLC

Encl. Figure 1 – Site Map
Attachment A – Sanitary Landfill Inspection Checklist




cc: David Caskey – Climax Molybdenum Company
Iowa DNR Field Office #6

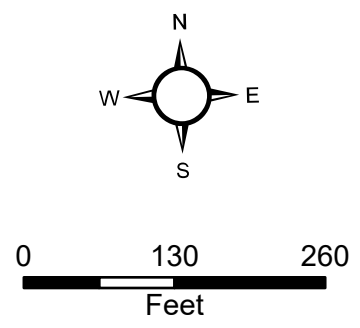
Certification

	I hereby certify that this document was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the state of Iowa.	
		
	Christine L. Collier	Date
	My license renewal date is: December 31, 2027	
	Pages or sheets covered by this seal: All	



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- Legend**
-  Approximate Monitoring Well Location
 -  Approximate Leachate Monitoring Location
 -  Approximate Waste Boundary
 -  Approximate Waste Boundary of Phase 4-6 Cells



1 inch = 166 feet

Site Map	
FIGURE 1 Climax Molybdenum Industrial Landfill Argyle, Iowa	
27226044.00	Apr 2026
SCS ENGINEERS	

ATTACHMENT A
SANITARY LANDFILL INSPECTION CHECKLIST

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

Permit #: 56-SDP-06-80P-ILF

Facility Name: Climax Molybdenum Company (IW) Landfill **Responsible Official:** David Caskey
County: Lee **Address:** 2598 U.S Hwy 61, Fort Madison, IA
Facility Operator: Climax Molybdenum Company **Phone:** (319) 463-7151
Address: 2598 U.S Hwy 61, Fort Madison, IA **Date Last Inspection:** September 8, 2025
Phone: (319) 463-7151 **Date This Inspection:** March 27, 2026

At the Time of this Inspection:

- **Facility personnel present:** Jessi Woods
- **Surface conditions:** Damp
- **Wind direction and speed:** North, 15-20 mph
- **Ambient temperature:** 43° 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
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Fill Cover: final	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10. Special Waste Handling
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. Control of Face	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	11. Recycling Activities
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. Compaction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12. Operator Certification
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. Cover erosion; Ponding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13. Staffing
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5. Drainage into fill	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14. Equipment Backup/Maintenance
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Leachate Mgmt. & Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15. Interior Roads
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. Litter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16. Perimeter fence, gate, signs, wells
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8. Wet Weather Area	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	17. Photos taken
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9. Construction & Demolition Area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18. Follow-up needed? (Yes/No)

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

1. Cap vegetation was well established on areas of the closed cell final cover where construction activities did not disturb the soil. Intermediate cover was being placed and no vegetation was established on the active cell area.
4. No areas of erosion were observed on the closed cell final cover. Intermediate cover was being placed on the recently filled areas at the time of inspection. No significant cap erosion was observed on the active cell area. No areas of ponding were observed.
5. Runoff was being controlled into the active area. Special Provision 2.c. of the sanitary disposal project permit allows for exemption of daily and weekly soil cover applications.
6. No leachate seeps were observed.
12. The Site utilizes a contracted landfill operator.
13. The Site utilizes a contracted landfill operator.
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 needed.

AUTHENTICATION

INSPECTOR	Kevin Jensen and Semir Omerovic	Date: 3/27/2026
REVIEWER	Christine L. Collier, P.E.	Date: 4/20/2026