

West Des Moines, IA

PROJECT: Climax,Future Cell Const DATE: 3/9/2026
Services LF,IA
27224513.00

SUBJECT: Climax Molybdenum Co Industrial TRANSMITTAL ID: 00012
Landfill_56-SDP-06-
80P_Notification of Three Feet
Waste Over Phase 4-6 Liner

PURPOSE: For Record VIA: Info Exchange

FROM

NAME	COMPANY	EMAIL	PHONE
Christine Collier West Des Moines, IA	SCS Engineers	CCollier@scsengineers.com	+1-515-631-6161

TO

NAME	COMPANY	EMAIL	PHONE
Alexis Slade		alexis.slade@dnr.iowa.gov	
Becky Jolly		becky.jolly@dnr.iowa.gov	

REMARKS:

Alexis -

Please find included for download documentation regarding waste placement over the newly constructed Phases 4-6 cells. Let me know if you have any questions.

Thank you

Christine L. Collier, P.E.
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Transmittal

DATE: 3/9/2026
TRANSMITTAL ID: 00012

DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NOTES
1	3/8/2026	2026.03.09 Climax Molybdenum Co Industrial Landfill_56-SDP-06-80P_Notification of Three Feet Waste Over Phase 4-6 Liner.pdf	

COPIES:

David Caskey (Climax Molybdenum Company)
Mandy Lilla (Climax Molybdenum Company)
Jessi Woods (Climax Molybdenum Company)
Kevin Jensen (SCS Engineers)
Chris Calhoun (SCS Engineers)
Christine Collier (SCS Engineers)

March 9, 2026
 File No. 27224513.00

Ms. Alexis Slade
 Solid Waste and Contaminated Sites Section
 Department of Natural Resources
 6200 Park Avenue, Suite 200
 Des Moines, IA 50321

Subject: Notification of Waste Material Placement over Phases 4, 5, and 6 Liner
 Climax Molybdenum Company Industrial Landfill
 Permit No. 56-SDP-06-80P

Dear Ms. Slade:

SCS Engineers, on behalf of Climax Molybdenum Company (Climax), is submitting this notification of placement of waste material over the constructed Phases 4, 5, and 6 cells of the Climax Molybdenum Company Industrial Landfill (Landfill).

Work was completed to comply with the Revised Permit (DocDNA #112188), and the corresponding Request to Construct documentation (DocDNA #111540), which states that three-feet of sludge will be placed on the basal liner by December 31st of the year following completion of construction, which is December 31, 2026. Benzing Surveying, LLC performed a thickness verification survey on February 6, 2026 to determine the thickness of sludge (waste) over the Phases 4, 5, and 6 cell liner. The survey was performed on the same grid utilized for liner thickness verification during construction, with points located on the waste boundary removed. The results are provided in Table 1.

Table 1. Three Foot Waste Thickness Verification

Point ID	Northing	Easting	Surveyed Leachate Drainage Layer Elevation (ft)	Surveyed Top of Waste Elevation (ft)	Waste Thickness (ft)
2	4163.35	2584.88	664.76	667.86	3.10
3	4215.62	2669.75	664.70	668.36	3.66
4	4267.89	2754.63	666.22	669.28	3.06
7	4271.45	2821.58	666.29	671.65	5.36
8	4247.10	2844.21	666.16	670.9	4.74
9	4174.85	2808.66	662.48	665.5	3.02
10	4248.91	2762.20	663.14	666.71	3.57
11	4209.27	2867.63	666.24	669.85	3.61
12	4200.96	2706.54	659.24	663.88	4.64



Point ID	Northing	Easting	Surveyed Leachate Drainage Layer Elevation (ft)	Surveyed Top of Waste Elevation (ft)	Waste Thickness (ft)
13	4194.59	2703.29	658.54	663.54	5.00
14	4193.51	2701.44	657.91	663.52	5.61
15	4195.83	2692.80	659.36	663.61	4.25
16	4189.50	2674.48	660.44	663.72	3.28
17	4025.01	2549.69	668.97	671.99	3.02
18	4151.96	2623.29	657.17	660.21	3.04
19	4134.98	2613.71	655.07	659.9	4.83
20	4132.39	2610.83	655.12	660.25	5.13
21	4230.14	2811.93	664.52	667.63	3.11
22	4136.14	2582.78	661.17	664.56	3.39
23	4097.12	2515.27	671.12	675.08	3.96
25	4060.88	2612.45	661.11	664.45	3.34
26	4078.32	2642.49	653.56	657.91	4.35
27	4080.17	2645.58	654.64	657.92	3.28
28	4131.65	2734.13	658.27	662.52	4.25
29	4137.30	2743.81	658.14	662.31	4.17
35	4121.24	2716.32	659.65	662.69	3.04
41	4075.73	2554.41	667.06	670.09	3.03
42	4137.46	2661.76	657.39	660.43	3.04
43	4185.53	2746.01	660.47	663.47	3.00

As shown above, a minimum of three feet of material has been placed over the basal portion of the 2025 liner construction area. The Landfill Contractor is currently in the process of placing intermediate cover.

Ms. Alexis Slade

March 9, 2026

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If you have any questions regarding any of the information listed above, please reach out to us at the contact information listed below.

Sincerely,



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