



Jessica Wilczek, P.E.

Manager of Engineering and Environmental Affairs
Main: (970) 929-2308
jwilczek@archrsc.com

January 10, 2025side

Mr. Leigh Simmons
Colorado Division of Reclamation, Mining and Safety
Office of Mined Land Reclamation
1313 Sherman Street, Room 215
Denver, CO 80203

Re: Mountain Coal Company, LLC - West Elk Mine, CDRMS Permit No. C-1980-007: Pond and Mine Site
Quarterly Self-Inspection Reports – 4th Quarter 2024

Dear Mr. Simmons:

Attached are Mountain Coal Company, LLC's (MCC) Pond, Outfalls, Refuse Pile and Mine Site quarterly self-inspection reports for the 4th Quarter 2024.

This submittal includes the 2024 Fall Semi Annual Stormwater inspections as well as documentation that ponds were cleaned of sediment this fall.

Should you have questions or require additional information, please contact me at (970) 929-2308.

Sincerely,

A handwritten signature in blue ink that reads "Jessica Wilczek".

Jessica Wilczek, P.E.
Manager of Engineering and Environmental Affairs
Mountain Coal Company, L.L.C – West Elk Mine

Mountain Coal Company, L.L.C.

A subsidiary of Arch Resources, Inc.

West Elk Mine
5174 Highway 133
Somerset, CO 81434
(970) 929-2200
archrsc.com

Mountain Coal Company, LLC- West Elk Mine
Quarterly Self Mine Site Inspection Report

12/31/2024

4th Quarter

Date

Quarter/ Year

Surface Material Storage (under C-1)

C. Hiatt

Location

Inspector

Features	Problems		Maintenance		Repairs		Comments
Erosion:	Yes	No	Yes	No	Yes	No	
Rills and Gullies		X		X		X	
Vegetation		X		X		X	
Other		X		X		X	
Drainage:	Yes	No	Yes	No	Yes	No	
Ditches and Channels		X		X		X	
Berms		X		X		X	
Linings		X		X		X	
BMPs		X		X		X	
Culverts		X		X		X	
Other		X		X		X	
Structural:	Yes	No	Yes	No	Yes	No	
Side slopes and Stability		X		X		X	
Cracks or Settling		X		X		X	
Seepage		X		X		X	
Other		X		X		X	
Reclamation:	Yes	No	Yes	No	Yes	No	
Seedbed Material		X		X		X	
Subsoil		X		X		X	
Vegetation		X		X		X	
Mulch		X		X		X	
Other		X		X		X	
General Compliance & Miscellaneous	Yes	No	Yes	No	Yes	No	
Signs and Markers		X		X		X	
Roads		X		X		X	
Other		X		X		X	
Additional Comments:							
Action Required or Needed:							

4th Quarter

Quarter/ Year

C. Hiatt

Inspector

Features	Problems		Maintenance		Repairs		Comments
Erosion:	Yes	No	Yes	No	Yes	No	
Rills and Gullies		X		X		X	
Vegetation		X		X		X	
Other		X		X		X	
Drainage:	Yes	No	Yes	No	Yes	No	
Ditches and Channels		X		X		X	
Berms		X		X		X	
Linings		X		X		X	
Temp. Structures		X		X		X	
Culverts		X		X		X	
Other		X		X		X	
Structural:	Yes	No	Yes	No	Yes	No	
Side slopes and Stability		X		X		X	
Cracks or Settling		X		X		X	
Seepage		X		X		X	
Monitoring-Visual		X		X		X	
Other		X		X		X	
Reclamation:	Yes	No	Yes	No	Yes	No	
Seedbed Material		X		X		X	
Subsoil		X		X		X	
Vegetation		X		X		X	
Mulch		X		X		X	
Other		X		X		X	
General Compliance & Miscellaneous	Yes	No	Yes	No	Yes	No	
Signs and Markers		X		X		X	
Other		X		X		X	
Additional Comments:							
Action Required or Needed:							

Mountain Coal Company, LLC- West Elk Mine
Quarterly Self Mine Site Inspection Report

11/8/2024

4th Quarter

Date

Quarter/ Year

General Mine Site

C. Hiatt

Location

Inspector

Features	Problems		Maintenance		Repairs		Comments
Erosion:	Yes	No	Yes	No	Yes	No	
Rills and Gullies		X		X		X	
Vegetation		X		X		X	
Other		X		X		X	
Drainage:	Yes	No	Yes	No	Yes	No	
Ditches and Channels		X		X		X	
Berms		X		X		X	
Linings		X		X		X	
BMPs		X		X		X	
Culverts		X		X		X	
Other		X		X		X	
Structural:	Yes	No	Yes	No	Yes	No	
Side slopes and Stability		X		X		X	
Cracks or Settling		X		X		X	
Seepage		X		X		X	
Monitoring-Survey		X		X		X	
Other		X		X		X	
Reclamation:	Yes	No	Yes	No	Yes	No	
Seedbed Material		X		X		X	
Subsoil		X		X		X	
Vegetation		X		X		X	
Mulch		X		X		X	
Other		X		X		X	
Miscellaneous	Yes	No	Yes	No	Yes	No	
Signs and Markers		X		X		X	
Spontaneous Combustion		X		X		X	
Roads		X		X		X	
Other		X		X		X	
Additional Comments:							
Action Required or Needed:							

Mountain Coal Company, LLC- West Elk Mine
Quarterly Self Mine Site Inspection Report

11/21/2024

4th Quarter

Date

Quarter/ Year

Material Storage Bench, Topsoil Pile #5

C. Hiatt

Location

Inspector

Features	Problems		Maintenance		Repairs		Comments							
Erosion:	Yes	No	Yes	No	Yes	No								
Rills and Gullies		X		X		X								
Vegetation		X		X		X								
Other		X		X		X								
Drainage:	Yes	No	Yes	No	Yes	No								
Ditches and Channels		X		X		X								
Berms		X		X		X								
Linings		X		X		X								
BMPs		X		X		X								
Culverts		X		X		X								
Other		X		X		X								
Structural:	Yes	No	Yes	No	Yes	No								
Side slopes and Stability		X		X		X								
Cracks or Settling		X		X		X								
Seepage		X		X		X								
Other		X		X		X								
Reclamation:	Yes	No	Yes	No	Yes	No								
Seedbed Material		X		X		X								
Subsoil		X		X		X								
Vegetation		X		X		X								
Mulch		X		X		X								
Other		X		X		X								
Miscellaneous	Yes	No	Yes	No	Yes	No								
Signs and Markers		X		X		X								
Roads		X		X		X								
Other		X		X		X								
Additional Comments:														
Action Required or Needed:														

Mountain Coal Company, LLC- West Elk Mine
Quarterly Self Mine Site Inspection Report

10/1/2024

4th Quarter

Date

Quarter/Year

RPE & RPEE

C. Hiatt

Location

Inspector

Features	Problems		Maintenance		Repairs		Comments
Erosion:	Yes	No	Yes	No	Yes	No	
Rills and Gullies		X		X		X	
Vegetation		X		X		X	
Other		X		X		X	
Drainage:	Yes	No	Yes	No	Yes	No	
Ditches and Channels		X		X		X	
Berms		X		X		X	
Linings		X		X		X	
BMPs		X		X		X	
Culverts		X		X		X	
Other		X		X		X	
Structural:	Yes	No	Yes	No	Yes	No	
Side slopes and Stability		X		X		X	
Compaction		X		X		X	
Underdrains		X		X		X	
Cracks or Settling		X		X		X	
Seepage		X		X		X	
Monitoring-Survey		X		X		X	
Other		X		X		X	
Reclamation:	Yes	No	Yes	No	Yes	No	
Seedbed Material		X		X		X	
Subsoil		X		X		X	
Vegetation		X		X		X	
Mulch		X		X		X	
Other		X		X		X	
Miscellaneous	Yes	No	Yes	No	Yes	No	
Signs and Markers		X		X		X	See Comments
Spontaneous Combustion		X		X		X	
Roads		X		X		X	
Other		X		X		X	
Additional Comments:	Signs have been Installed/ Road is in good shape						
	Ditches reestablished and been put to bed for winter						
Action Required or Needed:							

Mountain Coal Company, LLC- West Elk Mine
Quarterly Self Mine Site Inspection Report

10/1/2024

4th Quarter

Date

Quarter/Year

Sylvester Gulch Facilities Area

C. Hiatt

Location

Inspector

Features	Problems		Maintenance		Repairs		Comments							
Erosion:	Yes	No	Yes	No	Yes	No								
Rills and Gullies		X		X		X								
Vegetation		X		X		X								
Other		X		X		X								
Drainage:	Yes	No	Yes	No	Yes	No								
Ditches and Channels		X		X		X								
Berms		X		X		X								
Linings		X		X		X								
BMPs		X		X		X								
Culverts		X		X		X								
Other		X		X		X								
Structural:	Yes	No	Yes	No	Yes	No								
Side slopes and Stability		x		x		x								
Cracks or Settling		X		X		X								
Seepage		X		X		X								
Monitoring-Survey		X		X		X								
Other		X		X		X								
Reclamation:	Yes	No	Yes	No	Yes	No								
Seedbed Material		X		X		X								
Subsoil		X		X		X								
Vegetation		X		X		X								
Mulch		X		X		X								
Other		X		X		X								
General Compliance & Miscellaneous	Yes	No	Yes	No	Yes	No								
Signs and Markers		X		X		X								
Roads		X		X		X								
Other		X		X		X								
Additional Comments:														
Action Required or Needed:														

Mountain Coal Company, LLC- West Elk Mine
Quarterly Self Mine Site Inspection Report

12/20/2024

4th Quarter

Date

Quarter/ Year

North Soils Storage Area (NSSA)

C. Hiatt

Location

Inspector

Features	Problems		Maintenance		Repairs		Comments							
	Yes	No	Yes	No	Yes	No								
Erosion:														
Rills and Gullies		X		X		X								
Vegetation		X		X		X								
Other		X		X		X								
Drainage:														
Ditches and Channels		X		X		X								
Berms		X		X		X								
Linings		X		X		X								
BMPs		X		X		X								
Culverts		X		X		X								
Other		X		X		X								
Structural:														
Side slopes and Stability		X		X		X								
Cracks or Settling		X		X		X								
Seepage		X		X		X								
Other		X		X		X								
Reclamation:														
Seedbed Material		X		X		X								
Subsoil		X		X		X								
Vegetation		X		X		X								
Mulch		X		X		X								
Other		X		X		X								
General Compliance & Miscellaneous														
Signs and Markers		X		X		X								
Roads		X		X		X								
Other		X		X		X								
Additional Comments:														
Action Required or Needed:														

4th Quarter

Quarter/ Year

C. Hiatt

Inspector

Features	Problems		Maintenance		Repairs		Comments
Erosion:	Yes	No	Yes	No	Yes	No	
Rills and Gullies		X		X		X	
Vegetation		X		X		X	
Other		X		X		X	
Drainage:	Yes	No	Yes	No	Yes	No	
Ditches and Channels		X		X		X	
Berms		X		X		X	
Linings		X		X		X	
BMPs		X		X		X	
Culverts		X		X		X	
Other		X		X		X	
Structural:	Yes	No	Yes	No	Yes	No	
Side slopes and Stability		X		X		X	
Compaction		X		X		X	
Underdrains		X		X		X	
Cracks or Settling		X		X		X	
Seepage		X		X		X	
Monitoring-Survey		X		X		X	
Other		X		X		X	
Reclamation:	Yes	No	Yes	No	Yes	No	
Seedbed Material		X		X		X	
Subsoil		X		X		X	
Vegetation		X		X		X	
Mulch		X		X		X	
Other		X		X		X	
General Compliance & Miscellaneous	Yes	No	Yes	No	Yes	No	
Signs and Markers		X		X		X	
Spontaneous Combustion		X		X		X	
Roads		X		X		X	
Other		X		X		X	
Additional Comments:							
Action Required or Needed:							

Mountain Coal Company, LLC- West Elk Mine
Quarterly Self Mine Site Inspection Report

10/1/2024

4th Quarter

Date

Quarter/ Year

Upper Sly Gulch Road

C. Hiatt

Location

Inspector

Features	Problems		Maintenance		Repairs		Comments							
Erosion:	Yes	No	Yes	No	Yes	No								
Rills and Gullies		X		X		X								
Vegetation		X		X		X								
Other		X		X		X								
Drainage:	Yes	No	Yes	No	Yes	No								
Ditches and Channels		X		X		X								
Berms		X		X		X								
Linings		X		X		X								
BMPs		X		X		X								
Culverts		X		X		X								
Other		X		X		X								
Structural:	Yes	No	Yes	No	Yes	No								
Side slopes and Stability		X		X		X								
Cracks or Settling		X		X		X								
Seepage		X		X		X								
Monitoring-Survey		X		X		X								
Other		X		X		X								
Reclamation:	Yes	No	Yes	No	Yes	No								
Seedbed Material		X		X		X								
Subsoil		X		X		X								
Vegetation		X		X		X								
Mulch		X		X		X								
Other		X		X		X								
General Compliance & Miscellaneous	Yes	No	Yes	No	Yes	No								
Signs and Markers		X		X		X								
Roads		X		X		X								
Other		X		X		X								
Additional Comments:														
Road is in good condition to head into winter/Road has been well maintained through summer.														
Action Required or Needed:														

Mountain Coal Company, LLC- West Elk Mine
Quarterly Self Mine Site Inspection Report

11/13/2023

4th Quarter

Date

Quarter/ Year

Deer Creek Shaft & Monument Dam Borrow Area

C. Hiatt

Location

Inspector

Features	Problems		Maintenance		Repairs		Comments
Erosion:	Yes	No	Yes	No	Yes	No	
Rills and Gullies		X		X		X	
Vegetation		X		X		X	
Other		X		X		X	
Drainage:	Yes	No	Yes	No	Yes	No	
Ditches and Channels		X		X		X	
Berms		X		X		X	
Linings		X		X		X	
BMPs		X		X		X	
Culverts		X		X		X	
Other		X		X		X	
Structural:	Yes	No	Yes	No	Yes	No	
Side slopes and Stability		X		X		X	
Cracks or Settling		X		X		X	
Seepage		X		X		X	
Monitoring-Survey		X		X		X	identified mirror and piezometers
Other		X		X		X	
Reclamation:	Yes	No	Yes	No	Yes	No	
Seedbed Material		X		X		X	
Subsoil		X		X		X	
Vegetation		X		X		X	
Mulch		X		X		X	
Other		X		X		X	
Miscellaneous	Yes	No	Yes	No	Yes	No	
Signs and Markers		X		X		X	
Roads		X		X		X	
Other		X		X		X	
Additional Comments:							
Road been well maintained through the summer.							
Action Required or Needed:							

11/18/2024
Date

4th 2023
Quarter/Year
C. Hiatt
Inspector

Pond ID	FW-1	SG-1	RPE West	RPE East	NSSA	Deepwell
Pond Type	Fresh Water	Sediment	Sediment	Sediment	Sediment	Fault Water
Sediment Level %	N/A	5%	5%	5%	5%	<5%
Water Level (Approx.)	90%	10%	10%	10%	0	20%
Discharge? Y/N	N/A	N	N	N	N	N

Features	Problems?*		Maintenance?*		Repairs?*		Comments
* If Yes add comments							
Erosional:	Yes	No	Yes	No	Yes	No	
Rill & Gullies		X		X		X	
Inadequate Vegetation		X		X		X	
Outlet Channel Erosion		X		X		X	
Burrows		X		X		X	
Other		X		X		X	
Structural:							
Differential Settling		X		X		X	
Cracks and Slides		X		X		X	
Seepage		X		X		X	
Other		X		X		X	
Appurtenant Structures							
Defective Spillways		X		X		X	
De-Watering Device clogged		X		X		X	
Faulty Gates, Baffles, Pumps		X		X		X	
Other		X		X		X	
Additional Comments:	Water is recycled from the sediment ponds for use as dust control on roadways, as well as pumped to the CPP (as needed) and/or into the sealed area of the mine for storage and later use per MCC's adjudicated water storage right						
Action Needed:	Ponds have been cleaned since last inspection						

11/18/2024
Date

4th 2023
Quarter/Year
C. Hiatt
Inspector

Pond ID	FW-2 North	FW-2 South	MB-3	MB-4	MB-5 North	MB-5 South
Pond Type	Fresh Water	Fresh Water	Sediment	Sediment	Sediment	Sediment
Sediment Level %	N/A	N/A	<5%	<5%	<5%	<5%
Water Level (Approx.)	Full	Full	15%	25%	15%	40%
Discharge? Y/N	N/A	N/A	N	N	N	N

Features	Problems?*		Maintenance?*		Repairs?*		Comments
* If Yes add comments							
Erosional:	Yes	No	Yes	No	Yes	No	
Rill & Gullies		X		X		X	
Inadequate Vegetation		X		X		X	
Outlet Channel Erosion		X		X		X	
Burrows		X		X		X	
Other		X		X		X	
Structural:							
Differential Settling		X		X		X	
Cracks and Slides		X		X		X	
Seepage		X		X		X	
Other		X		X		X	
Appurtenant Structures							
Defective Spillways		X		X		X	
De-Watering Device clogged		X		X		X	
Faulty Gates, Baffles, Pumps		X		X		X	
Other		X		X		X	
Additional Comments:	Water is recycled from the sediment ponds for use as dust control on roadways, as well as pumped to the CPP (as needed) and/or into the sealed area of the mine for storage and later use per MCC's adjudicated water storage right						
Action Needed:	Ponds have been cleaned since last inspection						

Storm Water Management System Semi-Annual Inspection Form

Inspection Team Member(s):					Jessica Wilczek										
Feature	Location	Date	Time	Is the Outfall discharging at the time of inspection?		Is there a presence of floating materials, visible oil sheen, discoloration, turbidity, odor, etc. in the stormwater discharge?		Is there a presence of illicit discharges or other non-permitted discharges such as domestic wastewater, noncontact cooling water, or process wastewater?		Are the control measures effective?		Is maintenance needed in and around stormwater outfalls, including flow dissipation measures to prevent scouring? If so, fill in the Control Measures Requiring Maintenance table below.		Per the inspectors judgement, is the site in compliance with the terms and Condition of the Permit?	
				Select One		Select One		Select One		Select One		Select One		Select One	
Outfall 005	MB-3	9/23/24	9:20 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 007	WWTP	10/2/24	10:41 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 008	MB-4	9/23/24	9:24 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 009	MB-5	9/23/24	9:35 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 011	Sly Gulch Fan	9/23/24	9:45 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 012	Dr. Crk Shaft	9/23/24	11:30 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 014	SG-1	9/23/24	10:00 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 015	RPE Pond	9/23/24	9:37 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 017	Deepwell Pond	9/23/24	9:51 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 019	NSSA Pond	9/23/24	10:00 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 020	CSLY-3	10/29/24	12:50 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 021	CSLY-4	10/29/24	12:54 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 022	CSLY-5	10/29/24	12:59 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 023	CSLY-6	10/29/24	1:05 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 024	CSLY-7	10/29/24	1:08 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 025	CSLY-8	10/30/24	10:21 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 026	CSLY-9	10/30/24	10:07 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 027	CSLY-11	10/29/24	1:12 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 028	CSLY-13	10/30/24	11:45 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 029	CSLY-14	10/30/24	11:51 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 030	CSLY-17	10/29/24	11:33 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 031	CSLY-19	10/30/24	11:57 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 032	CSLY-21	10/29/24	11:20 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 033	CSLY-22	10/30/24	12:05 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 034	CSLY-23	10/30/24	12:06 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 035	TLO	10/29/24	10:45 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 036	E1-11.5	10/22/24	12:31 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 037	E2-9	10/22/24	12:32 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO

Storm Water Management System Semi-Annual Inspection Form

Outfall 038	E3-06	10/22/24	12:33 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 039	E4-15	10/16/24	1:12 PM	Phase II Bond Release was granted with SL-16. Permit Modification Six submitted 3/11/2024 removed this outfall.											
Outfall 040	E4-16	10/16/24	1:16 PM	Phase II Bond Release was granted with SL-16. Permit Modification Six submitted 3/11/2024 removed this outfall.											
Outfall 041	E4-17	10/22/24	12:35 PM	Phase II Bond Release was granted with SL-16. Permit Modification Six submitted 3/11/2024 removed this outfall.											
Outfall 042	E4-18	10/22/24	12:34 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 043	E5-1, 2, 3	10/16/24	12:35 PM	Phase II Bond Release was granted with SL-16. Permit Modification Six submitted 3/11/2024 removed this outfall.											
Outfall 046	E5-4	10/16/24	12:36 PM	Phase II Bond Release was granted with SL-16. Permit Modification Six submitted 3/11/2024 removed this outfall.											
Outfall 047	E5-5	10/16/24	12:37 PM	Phase II Bond Release was granted with SL-16. Permit Modification Six submitted 3/11/2024 removed this outfall.											
Outfall 048	E5-6, 7	10/16/24	12:38 PM	Phase II Bond Release was granted with SL-16. Permit Modification Six submitted 3/11/2024 removed this outfall.											
Outfall 050	E5-8	10/16/24	12:39 PM	Phase II Bond Release was granted with SL-16. Permit Modification Six submitted 3/11/2024 removed this outfall.											
Outfall 051	E5-9, 10	10/16/24	12:40 PM	Phase II Bond Release was granted with SL-16. Permit Modification Six submitted 3/11/2024 removed this outfall.											
Outfall 053	E5-11	10/16/24	12:41 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 054	E5-12, 13	10/16/24	1:06 PM	Phase II Bond Release was granted with SL-16. Permit Modification Six submitted 3/11/2024 removed this outfall.											
Outfall 056	E5-14	10/16/24	1:07 PM	Phase II Bond Release was granted with SL-16. Permit Modification Six submitted 3/11/2024 removed this outfall.											
Outfall 057	E5-15	10/16/24	1:07 PM	Phase II Bond Release was granted with SL-16. Permit Modification Six submitted 3/11/2024 removed this outfall.											
Outfall 058	E5-16	10/16/24	1:08 PM	Phase II Bond Release was granted with SL-16. Permit Modification Six submitted 3/11/2024 removed this outfall.											
Outfall 059	E5-17	10/16/24	1:09 PM	Phase II Bond Release was granted with SL-16. Permit Modification Six submitted 3/11/2024 removed this outfall.											
Outfall 060	E5-18	10/16/24	1:10 PM	Phase II Bond Release was granted with SL-16. Permit Modification Six submitted 3/11/2024 removed this outfall.											
Outfall 061	E5-20	10/22/24	12:37 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 062	E6-1, 2, 3	10/23/24	11:25 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 065	E6-4	10/23/24	11:25 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 066	E6-5	10/16/24	1:26 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 067	E6-6	10/16/24	1:27 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 068	E6-7	10/16/24	1:27 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 069	E6-8, 9	10/16/24	1:28 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 071	E6-10	10/22/24	1:18 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 072	E6-11	10/22/24	1:14 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 073	E6-12	10/22/24	1:21 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 074	E6-13	10/23/24	1:19 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 075	E6-14	10/23/24	1:20 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 076	E7-1	10/23/24	11:21 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 077	E7-2	10/23/24	12:36 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 078	E7-3	10/23/24	11:20 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 079	E7-4	10/23/24	11:19 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 080	E7-5	10/16/24	1:30 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 081	E7-6	10/23/24	11:16 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 082	E7-7	10/23/24	11:16 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 083	E7-8	10/22/24	1:17 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 084	E7-9	10/22/24	1:13 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 085	E7-10	10/22/24	1:12 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 086	E7-11	10/22/24	1:22 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO

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Outfall 087	E7-12	10/23/24	1:21 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 088	E8-1	10/23/24	11:52 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 089	E8-2	10/23/24	11:52 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 090	E8-3	10/23/24	11:51 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 091	E8-4	10/23/24	11:51 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 092	E8-5	10/23/24	11:49 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 093	E8-6	10/23/24	11:46 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 094	E8-7	10/23/24	11:47 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 095	E8-8	10/23/24	11:48 AM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 098	SS1-1	10/4/24	1:31 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 099	SS1-2	10/2/24	12:34 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 100	SS1-3	10/2/24	12:35 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 101	SS1-4	10/2/24	12:31 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 102	SS1-5	10/2/24	12:30 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 103	SS1-6	10/2/24	12:29 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 104	SS1-7	10/2/24	12:27 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 117	SS3-1&2	10/21/24	3:27 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 118	SS3-3	10/21/24	3:28 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Outfall 123	SS4-1&2	10/21/24	3:30 PM	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO

Outfall 124	SS4-3	Not Constructed													

Control Measures Requiring Maintenance:

Date Observed	Location	Control Measure	Maintenance Required	Date Complete

Additional Notes:

All inspections were completed by Jessica Wilczek. If an outfall was discharging then it was within 24 hours of a storm.

Jessica Wilczek
Signature

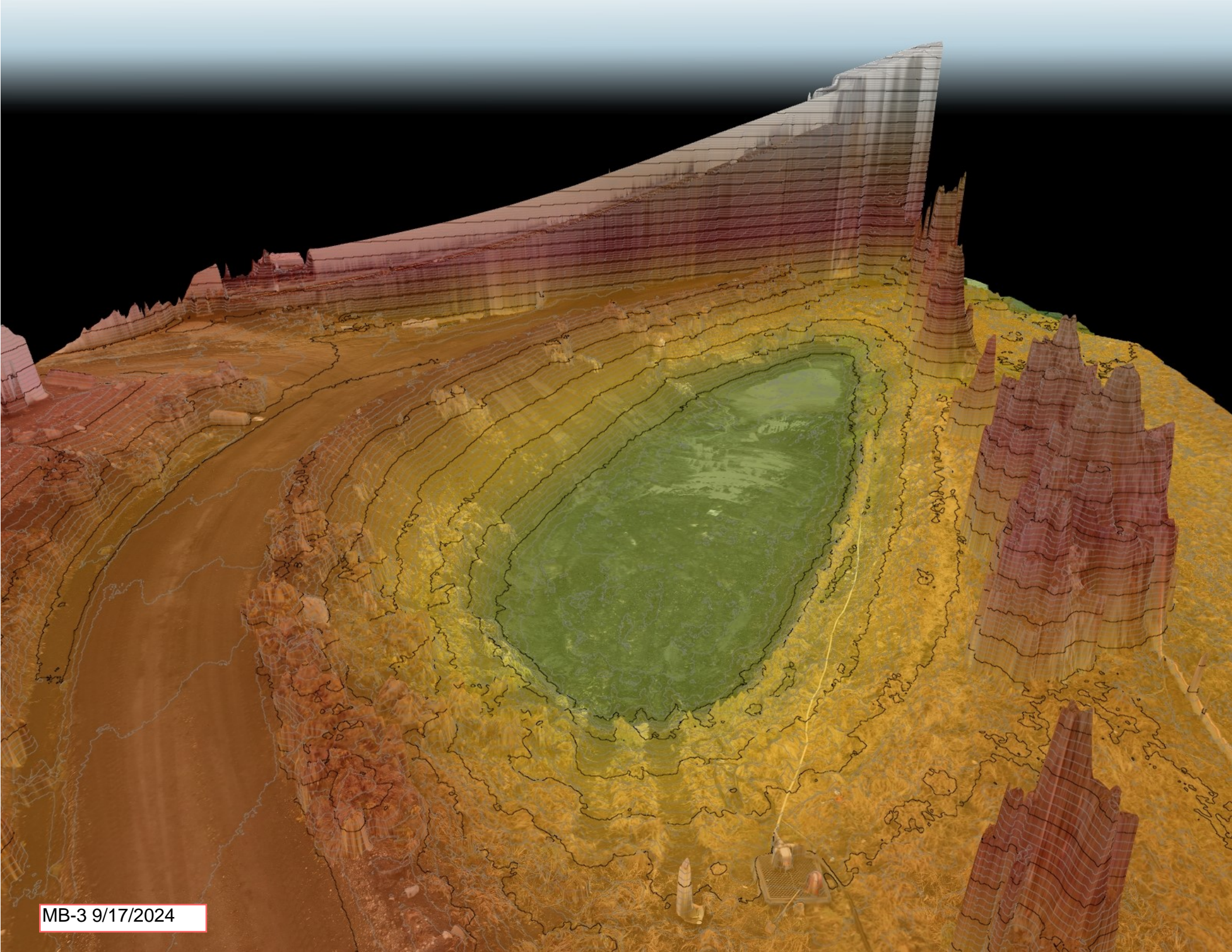
Jessica Wilczek
Signature Duly Authorized Representative

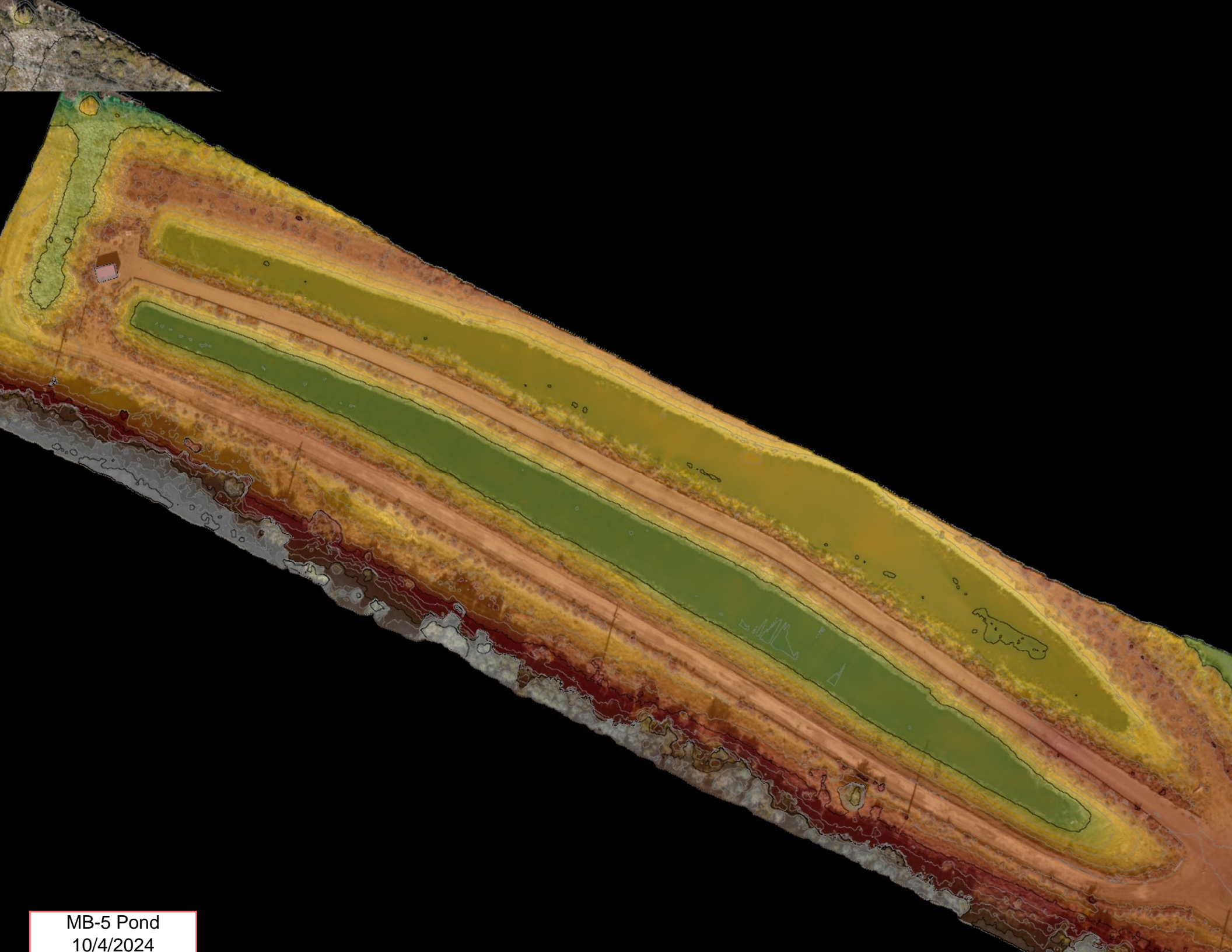
Engineering Manager
Title

Engineering Manager
Title

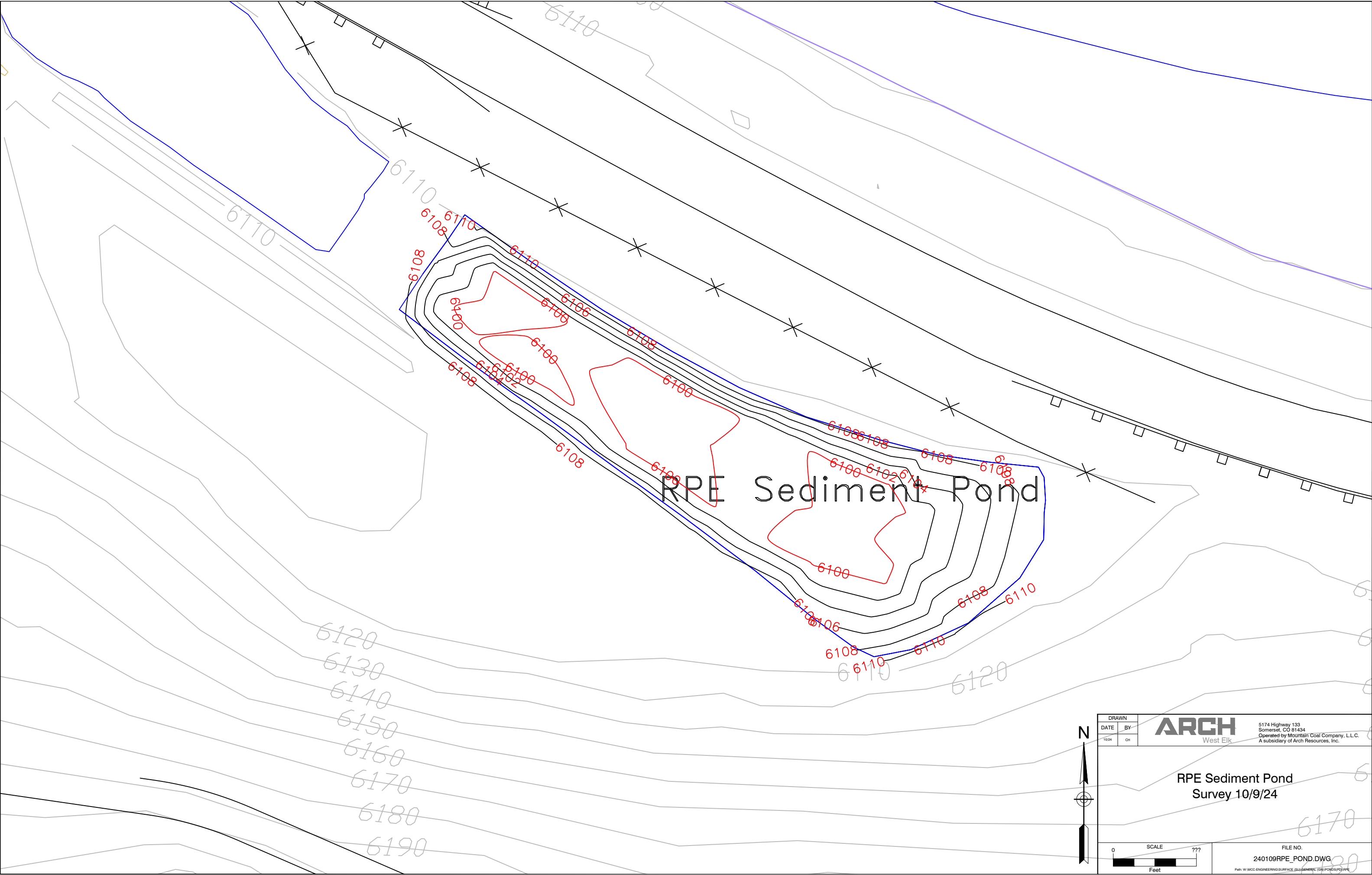
12/31/24
Date

12/31/24
Date





MB-5 Pond
10/4/2024

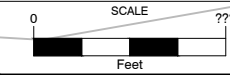


DRAWN	
DATE	BY
10/24	CH



5174 Highway 133
Somerset, CO 81434
Operated by Mountain Coal Company, L.L.C.
A subsidiary of Arch Resources, Inc.

RPE Sediment Pond
Survey 10/9/24



FILE NO.
240109RPE_POND.DWG
Path: W:\MCC\ENGINEERING\SURFACE\SURFACES\GENERAL\ON\POND\SP\09RPE