

September 26, 2024

Mr. Dustin Czapla, Environmental Protection Specialist
Colorado Division of Reclamation, Mining and Safety
1313 Sherman St., Rm. 215
Denver, CO 80203

Re: Follow-Up Action Plan from 6-3-24 TDL Leak – Climax Mine Permit No. M-1977-493

Dear Mr. Czapla:

The purpose of this letter is to provide a written plan of the work performed/to be performed to address the drainage and stability issues in the area near the Tailing Delivery Line (TDL) leak just up-gradient from the Clinton Cutout near Drop Tower 13 that occurred June 3, 2024.

Work Completed (immediate repairs to prevent continued leaking):

1. Climax notified the Division of leak right away and promptly shutdown the TDL on June 3, 2024.
2. The leak occurred due to the separation of a joint section of the 42" concrete pipe. The repair to the TDL happened in the week following its discovery, installing a concrete block around the TDL pipe to prevent any further leaking potential in the short term. This repair was inspected by DRMS during the June monthly inspection (reference the June 12, 2024 Climax Mine Inspection Report).
3. Locate and clear the upstream end of the existing old highway 24"-diameter CMP culvert.

Work to be Completed (address drainage and stability issues to prevent future leaking at this section):

4. Install approximately 100' of 24"-diameter CHDPE or HDPE culvert on the east side of the Clinton Cutout Building. Bend the pipe as necessary around the building without fittings.
5. Cap the upstream end of the existing culvert near the southwest corner of the Clinton Cutout Building that flows under the old highway to the new MRWTP Sludge Cell area.
6. Regrade the bench to match uphill slope and reestablish ditch on the east side of TDL between Drop Tower 13 and the Clinton Cutout grade ditch to flow north to new 24"-diameter culvert.
7. Fill hollow on west side of TDL and Drop Tower 13 between those structures and the old highway embankment. Grade to drain south and west around Drop Tower 13 into the newly established ditch.
8. Clean and clear existing east side TDL ditch north of Clinton Cutout Building to drain to the north.
9. Fill hollow on west side of TDL just north of Clinton Cutout Building to drain to the north.
10. Install a rock buttress on the disturbed area of the uphill slope adjacent to the old highway CMP culvert.
11. As necessary, extend the old highway CMP culvert below the 10,820 elevation.

Please feel free to contact me at (719) 486-7717 or aungers@fmi.com if you have any questions.

Sincerely,



Alex Ungers
Environmental Chief

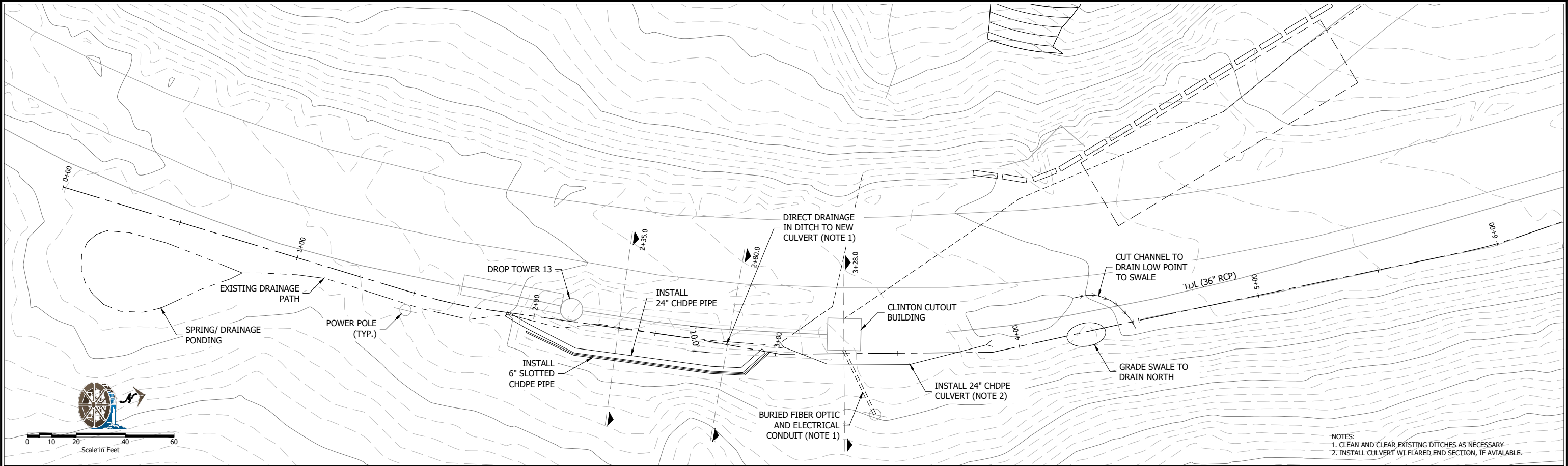
Attachments

- 1) TDL_DT13_Drainage Drawings

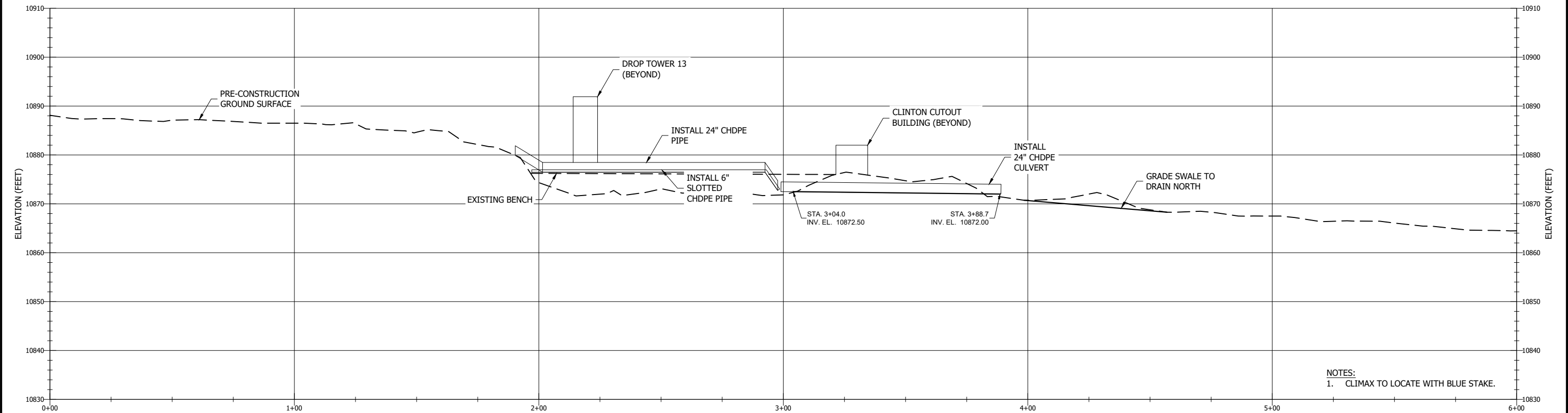
Cc:

Eric Detmer, Climax Environmental Manager

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NOTES:
1. CLEAN AND CLEAR EXISTING DITCHES AS NECESSARY
2. INSTALL CULVERT W/ FLARED END SECTION, IF AVAILABLE.

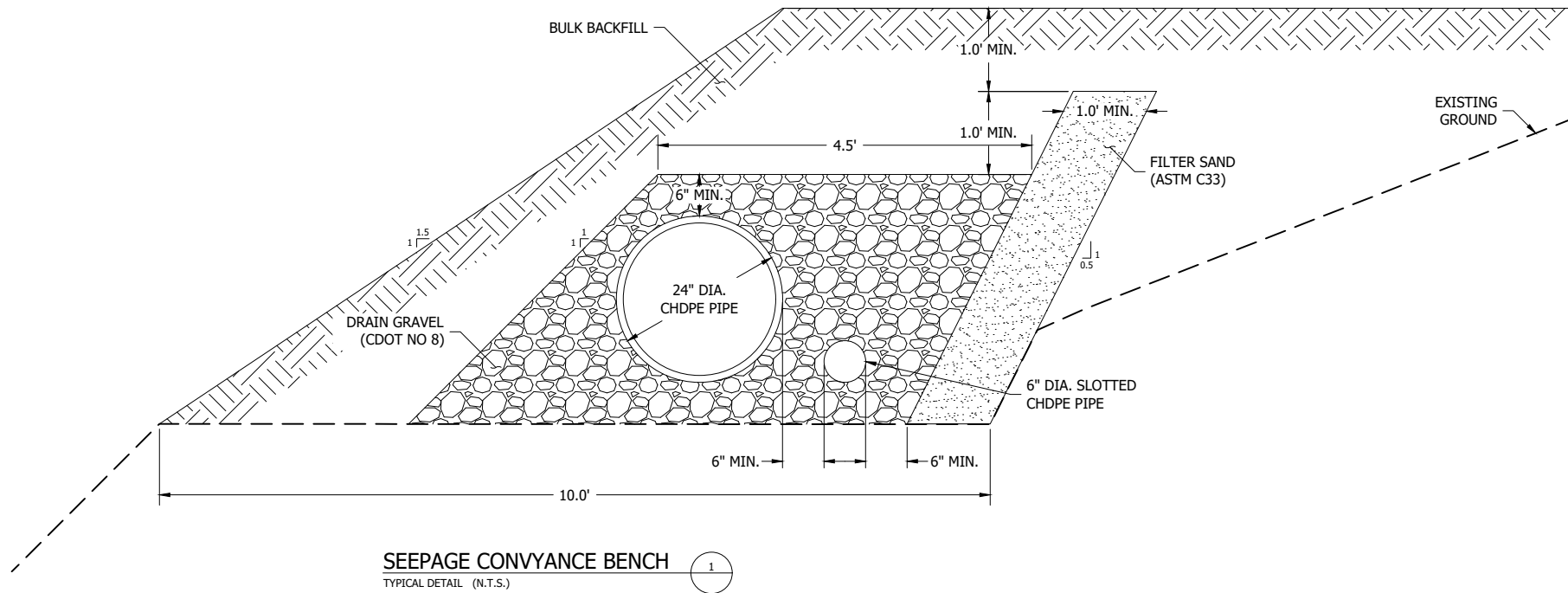
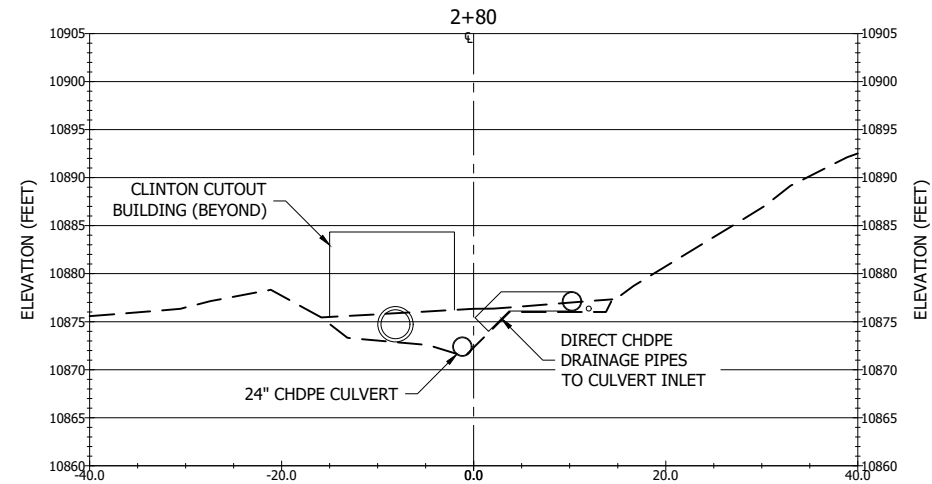
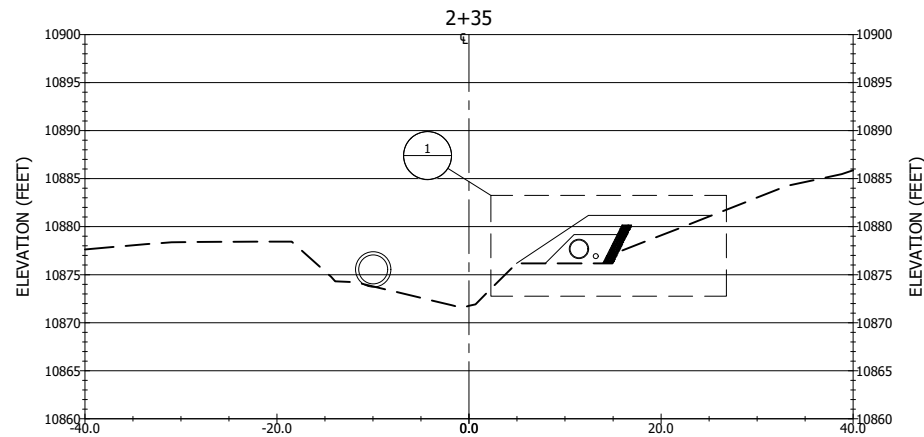


NOTES:
1. CLIMAX TO LOCATE WITH BLUE STAKE.

Profile View of Alignment - TDL Ditch

REVISIONS	NO.	DATE	MADE BY	CKD. BY	REMARKS	THIS DRAWING TOGETHER WITH ANY AND ALL ADDITIONS, CORRECTIONS, CHANGES AND ALTERATIONS THEREOF IS THE PROPERTY OF CLIMAX MOLYBDENUM COMPANY AND IS FURNISHED ON THE EXPRESS CONDITION THAT IT SHALL NOT BE REPRODUCED, COPIED, LENT, OR DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY OTHER PURPOSE THAN FOR WHICH IT IS SPECIFICALLY FURNISHED WITHOUT THE PRIOR WRITTEN CONSENT OF SAID CLIMAX MOLYBDENUM COMPANY.	REFERENCE DWGS	DRAWING NO.	REFERENCE	 A Freeport-McMoRan Company	 W. W. WHEELER & ASSOCIATES, INC. Water Resources Engineers	3700 S. INCA STREET ENGLEWOOD, CO 80110-3405 303-761-4130 FAX 303-761-2802	MOLYBDENUM REMOVAL WATER TREATMENT PLANT			Climax Molybdenum Climax Mine		
	Δ	7/24	SAA	TEM	ISSUED FOR CONSTRUCTION								MOLY SLUDGE DISPOSAL AREA			Climax, CO		
													Drop 13 Drainage			MADE BY SAA 01/22	PROJECT NUMBER 1051.46.03	
													PLAN AND PROFILE - STA. 0+00 TO 6+00			CHECKED BY SMM 01/22	DRAWING NO. P&P1	
																ACCEPTED BY ...		

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SEEPAGE CONVEYANCE BENCH
TYPICAL DETAIL (N.T.S.)

1

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A Freeport-McMoRan Company



Water Resources Engineers

3700 S. INCA STREET
ENGLEWOOD, CO 80110-3405
303-761-4130
FAX 303-761-2802

MOLYBDENUM REMOVAL WATER TREATMENT PLANT		Climax Molybdenum Climax Mine Climax, CO		
MOLY SLUDGE DISPOSAL AREA		MADE BY SAA	01/22	PROJECT NUMBER 1051.46.03
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SECTIONS AND DETAIL		ACCEPTED BY ...		SECTION