



State of Utah
 DEPARTMENT OF NATURAL RESOURCES
 MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
 JOHN R. BAZA
Division Director

Inspection Report

Permit Number:	C0150018
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, November 08, 2016
Start Date/Time:	11/8/2016 8:00:00 AM
End Date/Time:	11/8/2016 1:00:00 PM
Last Inspection:	Wednesday, October 05, 2016

Representatives Present During the Inspection:	
Company	Dennis Oakley
OGM	Karl Houskeeper

Inspector: Karl Houskeeper
 Weather: Clear Skies, Temp. 46 Deg. F.
 InspectionID Report Number: 5692
 Accepted by: DHADDOCK
 11/22/2016

Permitee: **PACIFICORP**
 Operator: **INTERWEST MINING CO**
 Site: **DEER CREEK MINE**
 Address: **PO BOX 310, HUNTINGTON UT 84528**
 County: **EMERY**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages		Mineral Ownership	Types of Operations
19,940.60	Total Permitted	<input checked="" type="checkbox"/> Federal	<input checked="" type="checkbox"/> Underground
91.63	Total Disturbed	<input checked="" type="checkbox"/> State	<input type="checkbox"/> Surface
0.60	Phase I	<input type="checkbox"/> County	<input type="checkbox"/> Loadout
0.60	Phase II	<input checked="" type="checkbox"/> Fee	<input type="checkbox"/> Processing
0.60	Phase III	<input type="checkbox"/> Other	<input type="checkbox"/> Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

See items 4a, 4c and 8 for potential enforcement action if maintenance work is not accomplished immediately.

Pictures were taken and are attached to the PDF version of this inspection report.

Inspector's Signature:

Date Tuesday, November 08, 2016

Karl Houskeeper,
 Inspector ID Number: 49



REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

Division of Oil, Gas & Mining Permit C/015/0018 issued February 7, 2016 and expires February 7, 2021.

UPDES Permit Ut0023604 effective February 1, 2015 and expires at midnight on January 31, 2020.

SPCC Plan is dated June 2016. The spill plan is P.E. dated, stamped and signed by a registered P.E. in the State of Utah.

Air Quality Permit DAQE-AN0239003-02 issued on June 14, 2002 still remains effective for the mine site.

The current bond is \$3,374,000.

Insurance coverage is through Associated Electric and Gas Insurance Service LTD. The insurance is effective 10/01/2016 and expires 10/01/2017. Minimum required insurance coverage amounts have been met. The certificate holder is The State of Utah. The cancelation clause is in accordance with Division policy. The insurance coverage includes explosion coverage.

Reclamation agreement is covered with Bond # 103908970. Signed by both parties July 25, 2005.

2. Signs and Markers

The mine identification signs at the Main Facility and Waste Rock site area were checked during the complete inspection and found to be in compliance. The signs post the name, address, phone number and mining permit number as required by law. The signs are in compliance with the requirements listed in the regulations.

4.a Hydrologic Balance: Diversions

Several Diversions at the main waste rock site are in need of maintenance. The road diversion on the East side of the access road requires maintenance. The diversion on the North side of the waste rock site at the beginning of the diversion on the east side of the diversion needs maintenance. The rock check dam near the sampling well is full of sediment and needs to be cleaned out. These diversions need to be addressed immediately to avoid enforcement action.

The diversions at the main facility have all been addressed from the recent high intensity storm. They have been cleaned, armored where needed and graded back to design.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The main sediment pond was inspected on 9/15/16 for the third quarter of 2016. The waste rock pond was inspected by Rich White on June 14, 2016 for the second quarter and annual 2016. The rilda canyon sediment ponds was inspected on 9/54/16 for the third quarter of 2016.

4.c Hydrologic Balance: Other Sediment Control Measures

The straw wattles at the waste rock site need maintenance in numerous locations on the South side of the waste rock site. Piping is occurring under the straw wattles and the function of the straw wattles is compromised by the sediment load now retained behind them. Immediate attention is required to prevent enforcement action.

4.e Hydrologic Balance: Effluent Limitations

The discharge monitoring reports for July and August 2016 were reviewed. No problems were noted.

5. Explosives

All explosives have been removed from the mine site. The magazines remain on site.

7. Coal Mine Waste, Refuse Piles, Impoundments

The refuse pile was inspected April 26, 2016. No problems were noted. This inspection serves as the second quarter 2016 inspection.

8. Noncoal Waste

Numerous items of noncoal waste items (roof bolts, mesh and wattles) were observed at the waste rock site. The noncoal waste items were concentrated on the West side of the Waste Rock Site. These items need to be gathered immediately and disposed of properly to avoid enforcement action.

20. Air Quality Permit

Air Quality Permit DAQE-AN0239003-02 issued on June 14, 2002 still remains effective for the mine site.

21. Bonding and Insurance

The current bond is \$3,374,000.

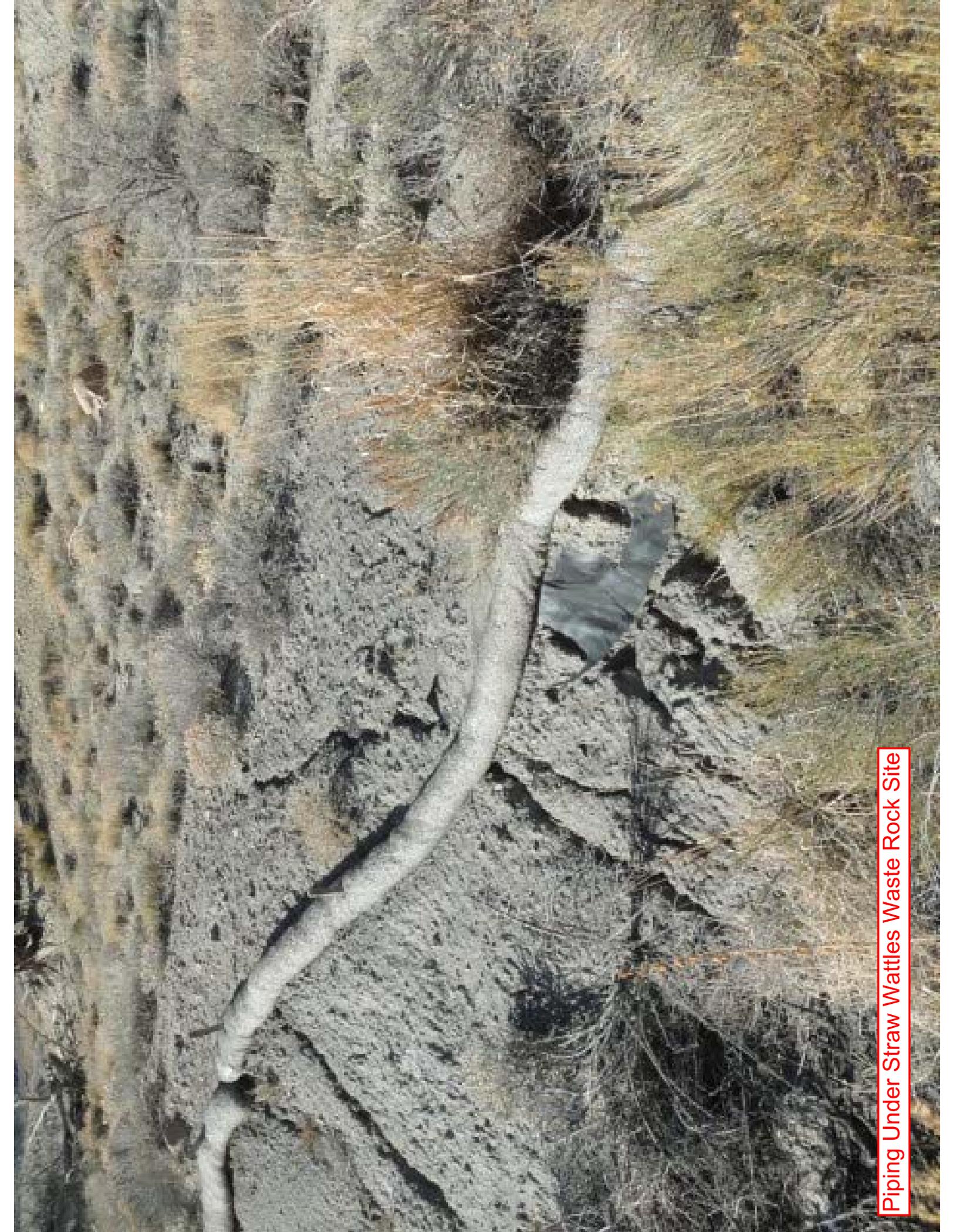
**DEER CREEK MINE
REFUSE PILE**

MSHA I.D. NO. 1211-UT-09
-00121-02

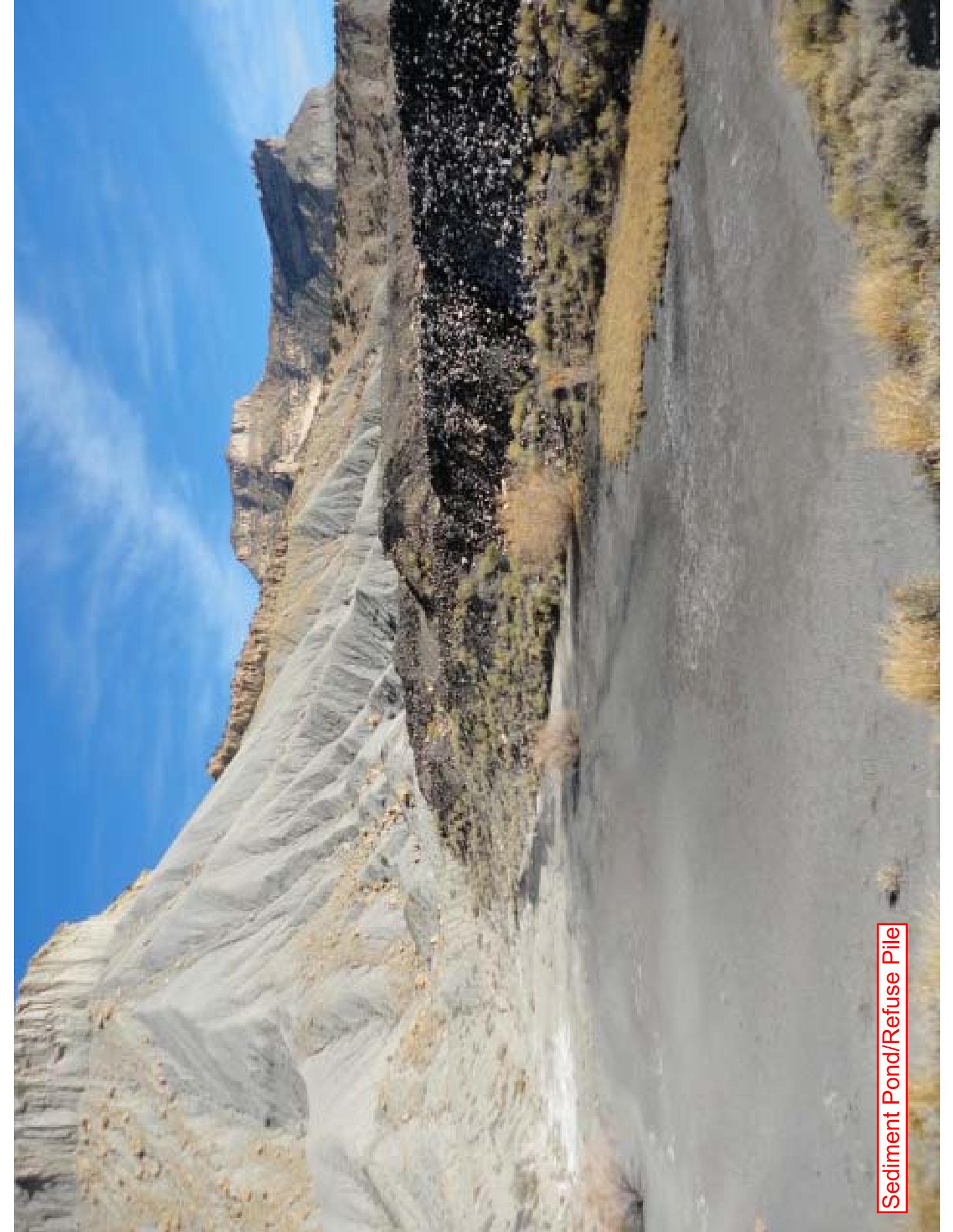
UTAH POWER AND LIGHT
MINING DIVISION



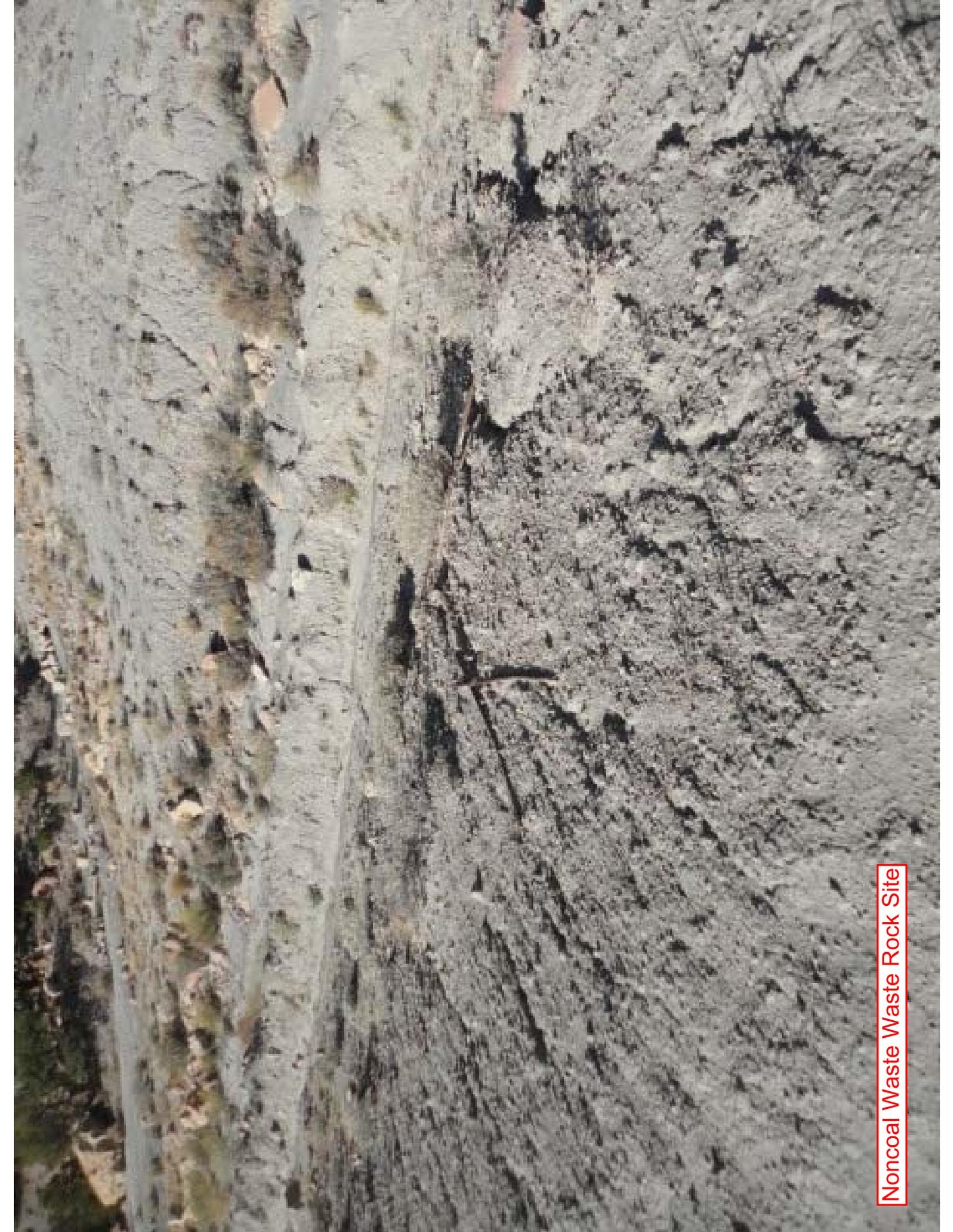
Rock Check Dam Waste Rock Site



Piping Under Straw Wattles Waste Rock Site



Sediment Pond/Refuse Pile



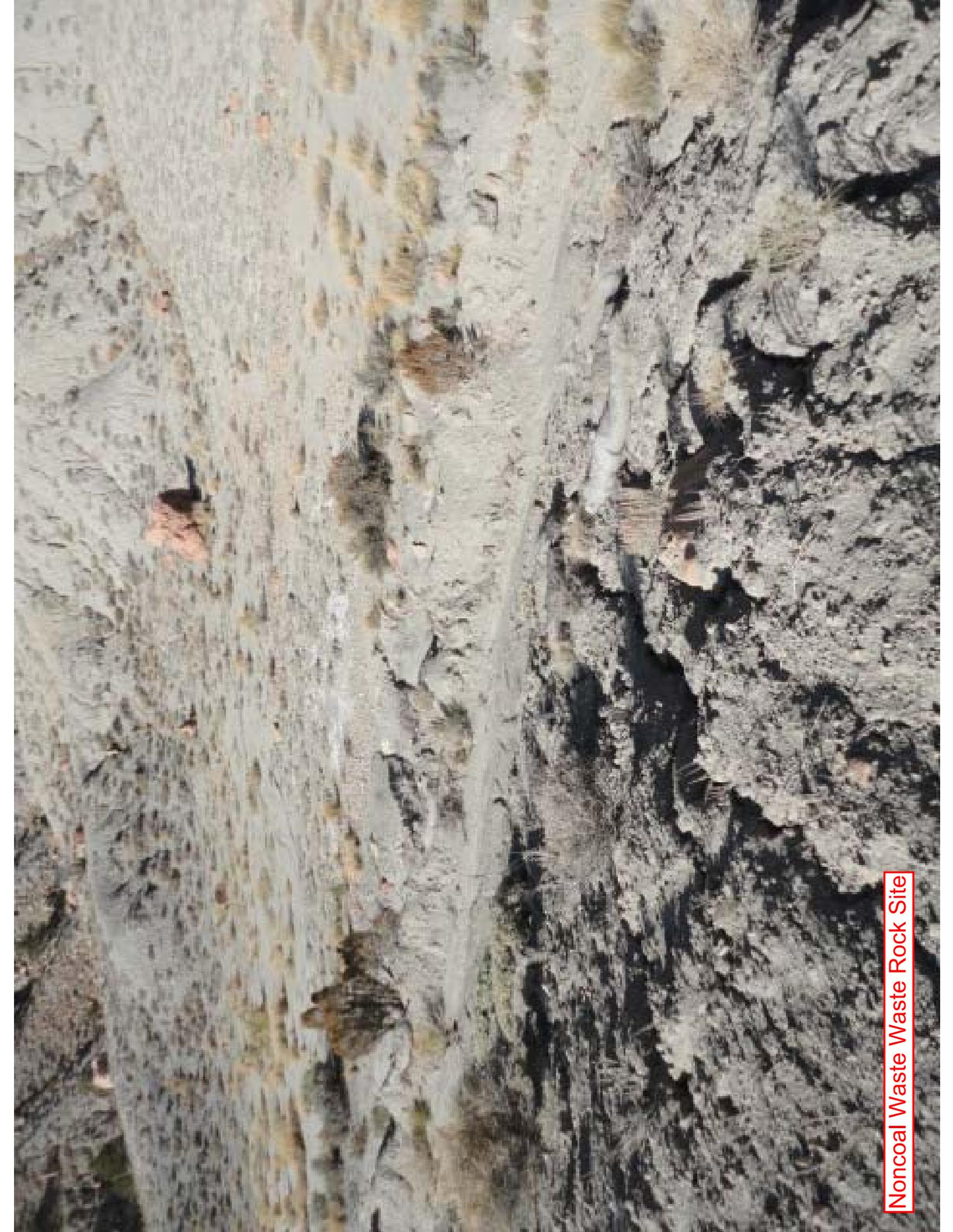
Noncoal Waste Waste Rock Site



Noncoal Waste Waste Rock Site



Noncoal Waste Waste Rock Site



Noncoal Waste Waste Rock Site



North Diversion Waste Rock Site



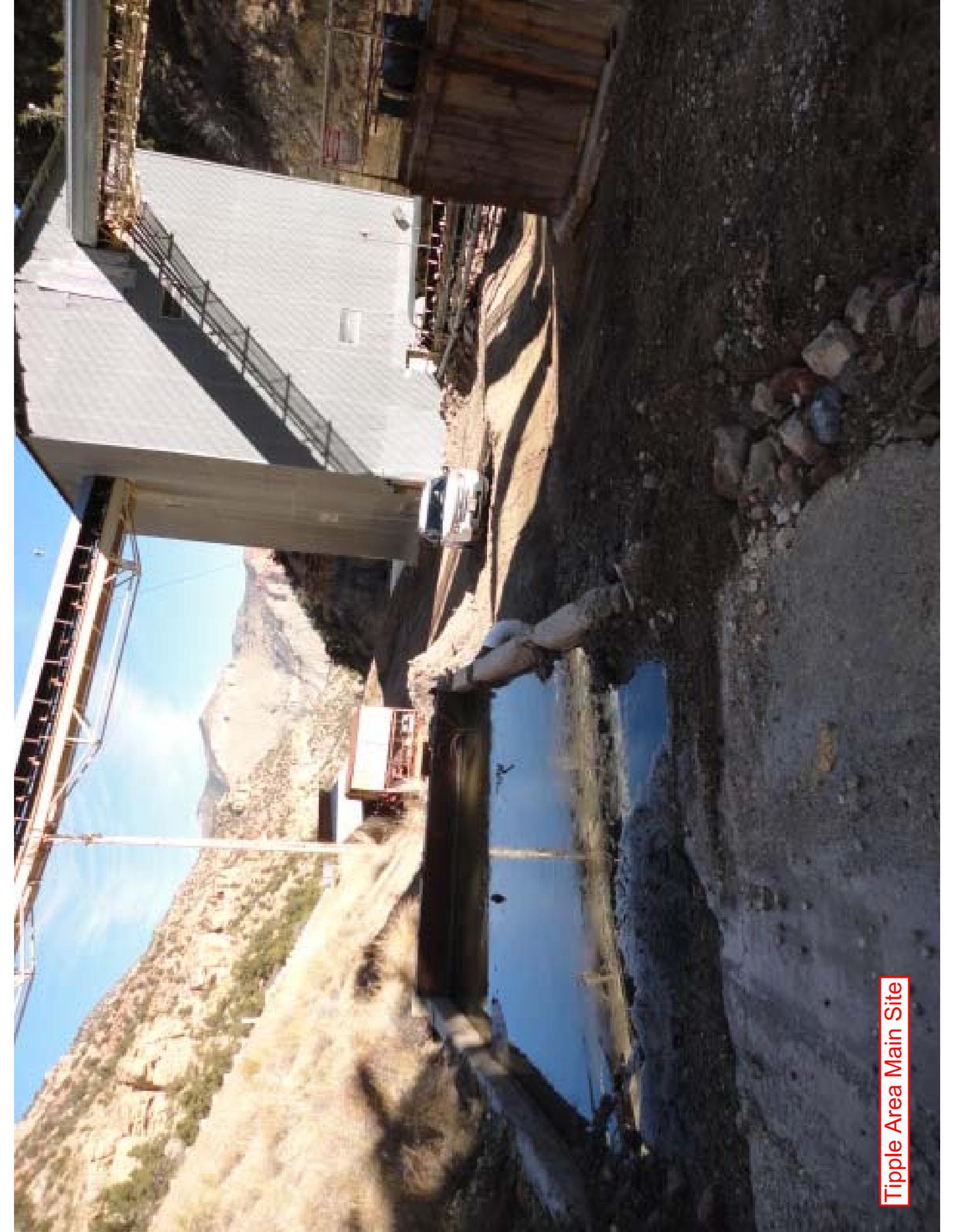
Road Diversion looking Up Canyon Main Road



New Berm Tipple Area Main Mine Site



Erosion Repair Tipple Area



Tipple Area Main Site