



**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:	<b>C0070041</b>
Inspection Type:	COMPLETE
Inspection Date:	Monday, November 13, 2017
Start Date/Time:	11/13/2017 9:00:00 AM
End Date/Time:	11/13/2017 1:00:00 PM
Last Inspection:	Tuesday, August 1, 2017

Representatives Present During the Inspection:
OGM Karl Houskeeper

Inspector: Karl Houskeeper  
 Weather: Clear Skies, Temp. 38 Deg. F.  
 InspectionID Report Number: 6004  
 Accepted by: DHADDOCK  
 11/21/2017

Permitee: **WEST RIDGE RESOURCES**  
 Operator: **WEST RIDGE RESOURCES**  
 Site: **WEST RIDGE MINE**  
 Address: **PO BOX 910, EAST CARBON UT 84520-0910**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **INACTIVE**

Current Acreages		Mineral Ownership	Types of Operations
8,080.58	<b>Total Permitted</b>	<input checked="" type="checkbox"/> Federal	<input checked="" type="checkbox"/> Underground
30.88	<b>Total Disturbed</b>	<input checked="" type="checkbox"/> State	<input type="checkbox"/> Surface
0.36	<b>Phase I</b>	<input type="checkbox"/> County	<input type="checkbox"/> Loadout
0.36	<b>Phase II</b>	<input type="checkbox"/> Fee	<input type="checkbox"/> Processing
0.36	<b>Phase III</b>	<input type="checkbox"/> Other	<input type="checkbox"/> Reprocessing

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

The Division inspector checked in at the West Ridge Mine Office at the beginning of the Complete inspection. Karin Madsen was not in the office. Conducted the review of the paper work prior to the field inspection. A lot of maintenance work has been done at the site. Pictures were taken during the inspection and are attached to the PDF version of this inspection report. One maintenance item was identified. (See item 4.a.)

*Karl R. Houskeeper*

**Inspector's Signature:** \_\_\_\_\_ **Date** Monday, November 13, 2017

Karl Houskeeper,  
 Inspector ID Number: 49



**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining. telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov

**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 checked="" 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 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 checked="" 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 checked="" 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**

The DOGM permit is effective 04/01/2014 and expires 04/01/2019. Other documents reviewed included the following:

- Certificate of Insurance issued 06/01/2017 and terminates 06/01/2018.
- Reclamation agreement is dated August 6, 2008 and is signed by both parties.
- UPDES permit UT0025640 effective 05/01/2011 and expires midnight 04/30/2016. Extended until a new permit is issued.
- Air Quality permit DAQE-055-99 issued 01/14/1999.
- SPCC Plan dated August, 2012. Utah P.E. Stamped 8/14/14.

## **2. Signs and Markers**

The identification signs at the satellite location of the pump house and the main mine sign were checked during the complete inspection. Both signs contained the required information of the operators name, address, phone number, and mining permit number. The signs are compliant.

## **3. Topsoil**

The topsoil pile has a identification sign posted on it. It has a good establishment of vegetation. The lower region also has alternate sediment control around its base.

### **4.a Hydrologic Balance: Diversions**

The Culvert inlet at the top of the access road to the coal storage pile needs to be cleaned. The outlet on the same culvert needs to be opened up. It has been damaged or compressed.

The remaining diversions on site were open and functional.

### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

The Third quarter 2017 sediment pond inspection was done on September 6, 2017. The existing sediment level for both cell A and B of the sediment pond are below the 60% sediment elevation, respectively. The 60% elevation is a marker as to when the ponds should be cleaned to maintain enough capacity.

### **4.e Hydrologic Balance: Effluent Limitations**

The discharge monitoring reports for August and September 2017 were reviewed. The reports are now submitted electronically. No discharges occurred. No problems were noted.

## **5. Explosives**

Powder and cap magazines are properly identified by signage and are grounded against a lightning strike.

**7. Coal Mine Waste, Refuse Piles, Impoundments**

No refuse pile is associated with the West Ridge mine site.

**8. Noncoal Waste**

The site has been recently gone through and there was no noncoal waste outside of an approved containment.

**16.a Roads: Construction, Maintenance, Surfacing**

Roadways have been recently graded. Parking areas at different building were actively being graveled during the inspection. The site appears to be well maintained.

**20. Air Quality Permit**

Air Quality Permit #DAQE-055-99 issued January 9, 1999 is on file at the West Ridge Mine Office. This permit is still effective.

**21. Bonding and Insurance**

Total disturbed acres 31.24. Two bonds are in place. National Union Fire Insurance Company \$2,117,000 and Rockwood Casualty Company \$67,000. Total bond \$2,184,000.



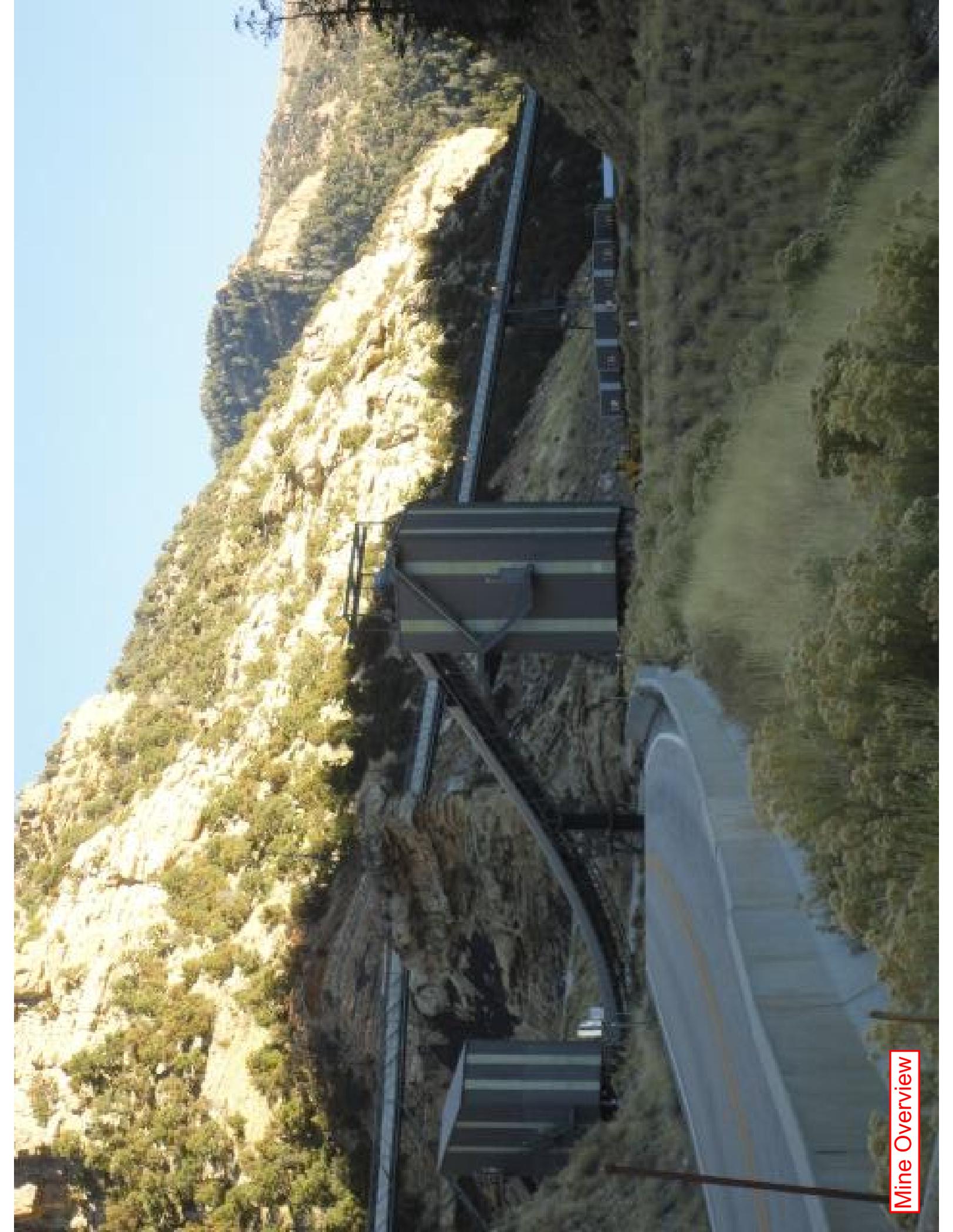
Pump House With Mine Identification Sign

WESTROCK RESOURCE INC. PERMITTEE & SUBSIDIARY OF:

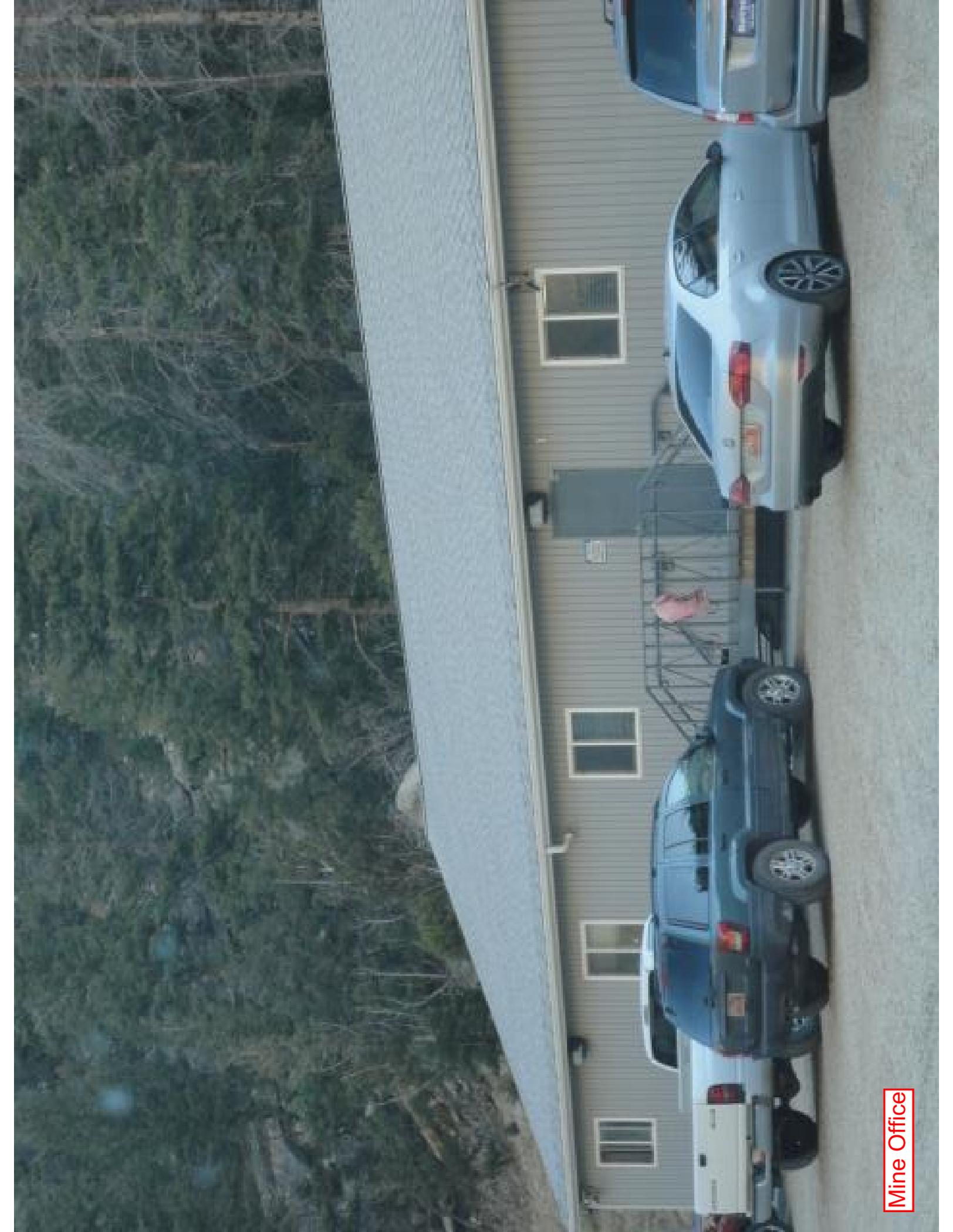
# UtahAmerican Energy Inc.

P.O. BOX 910 (435) 888-4000  
EAST CARBON, UT 84520 PERMIT # C-0071041

Mine Identification Sign



Mine Overview



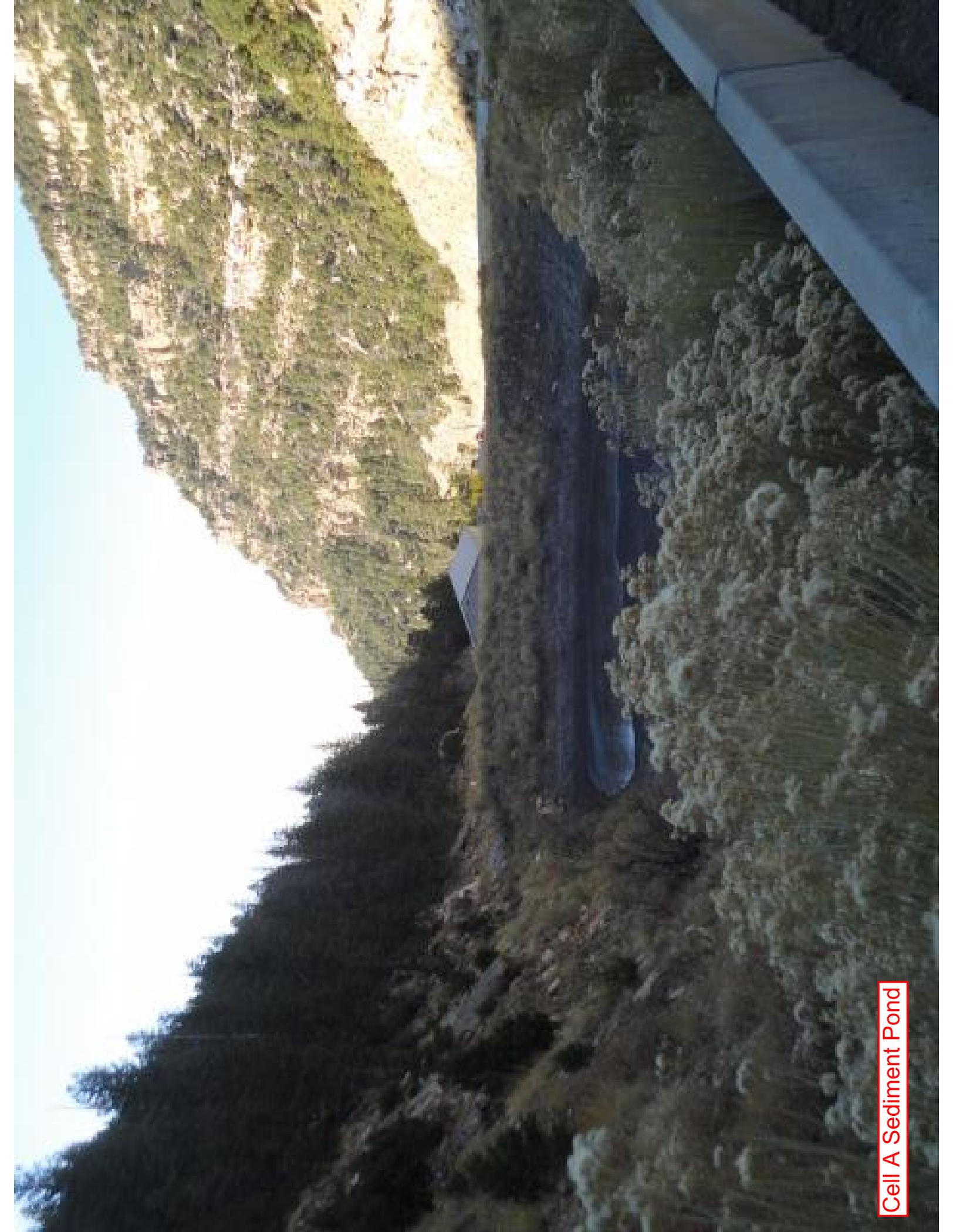
Mine Office



Culvert Inlet by Truck Load Out



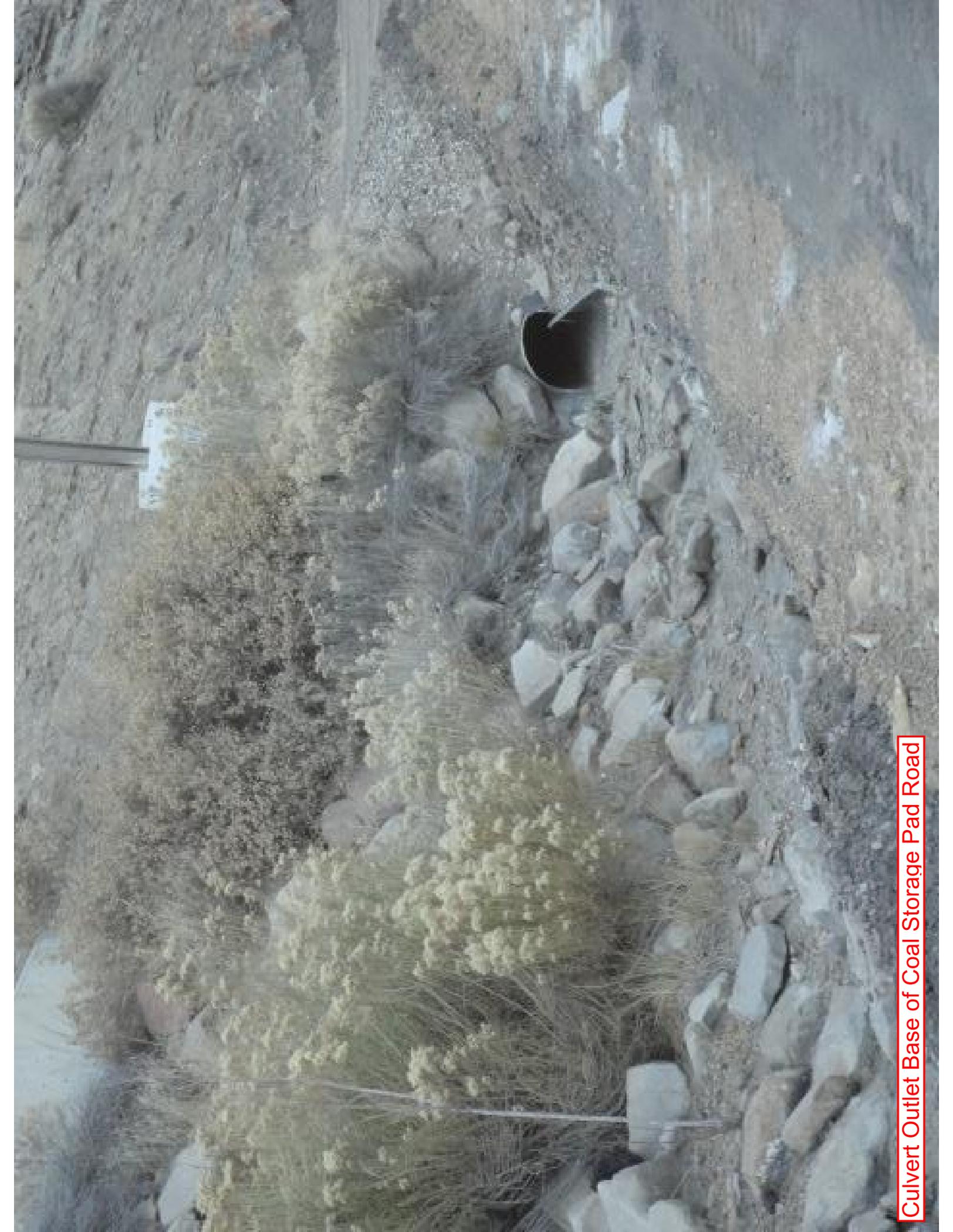
Road Diversion By Cell A Sediment Pond



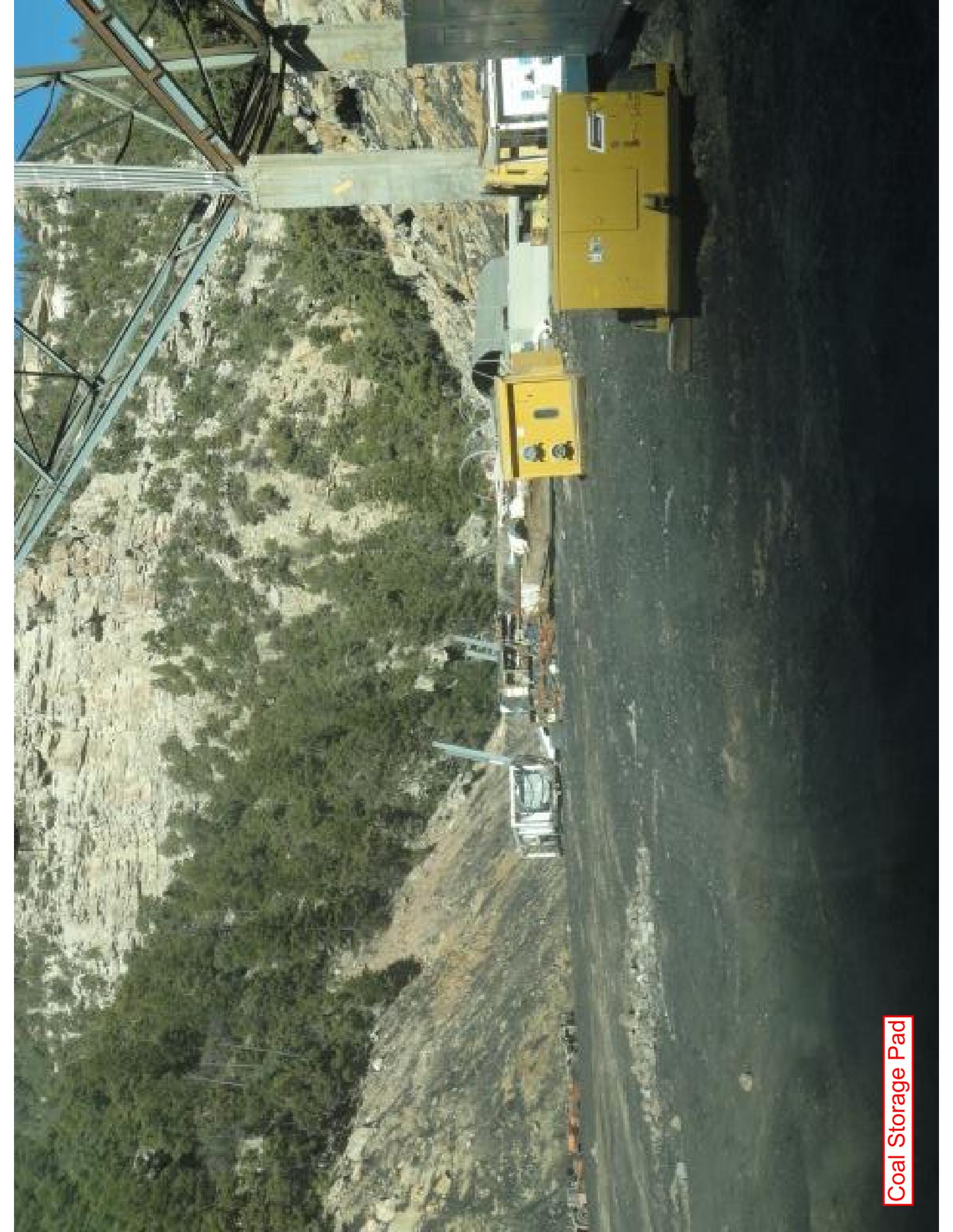
Cell A Sediment Pond



Repaired Slope Off of Coal Storage Pad



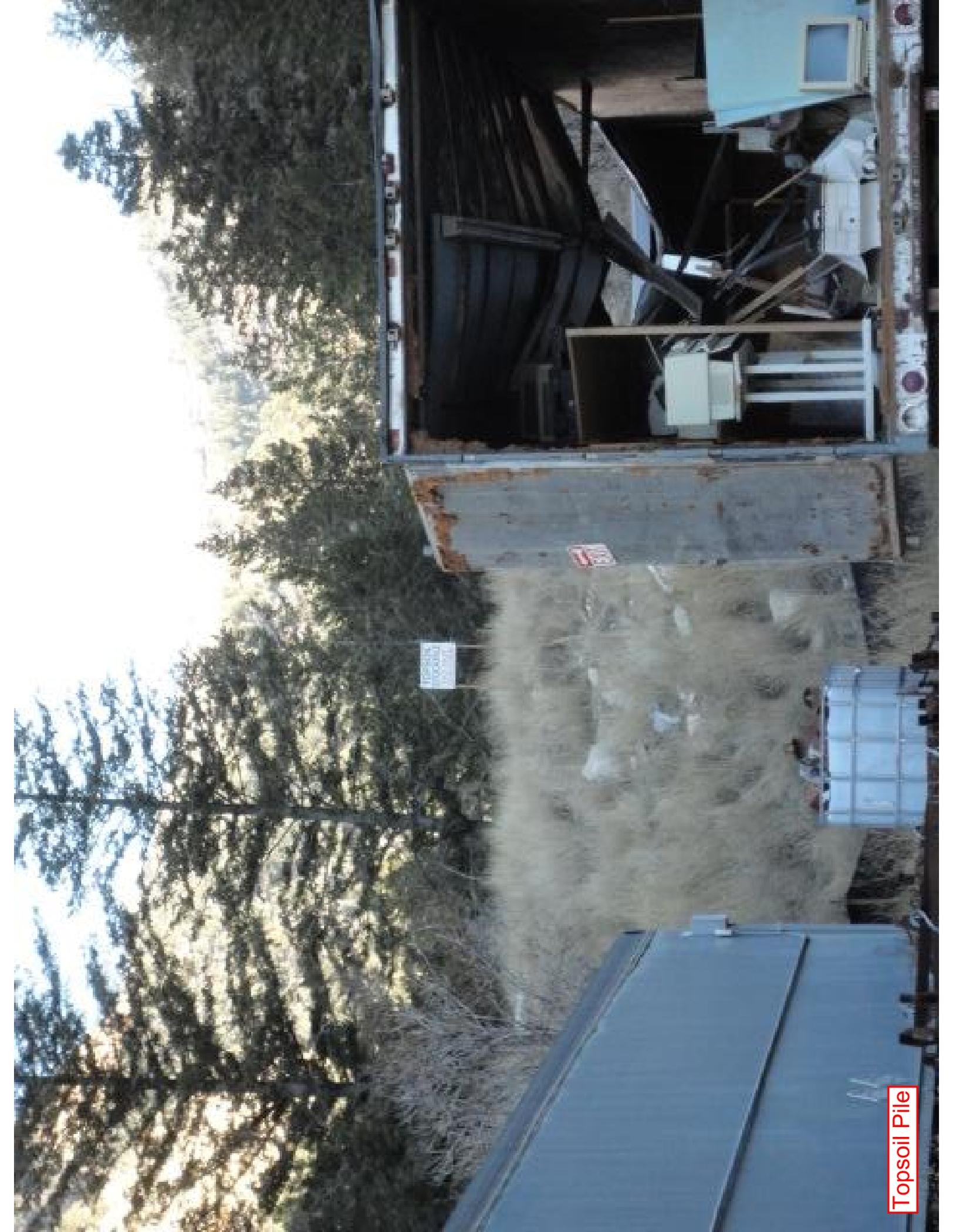
Culvert Outlet Base of Coal Storage Pad Road



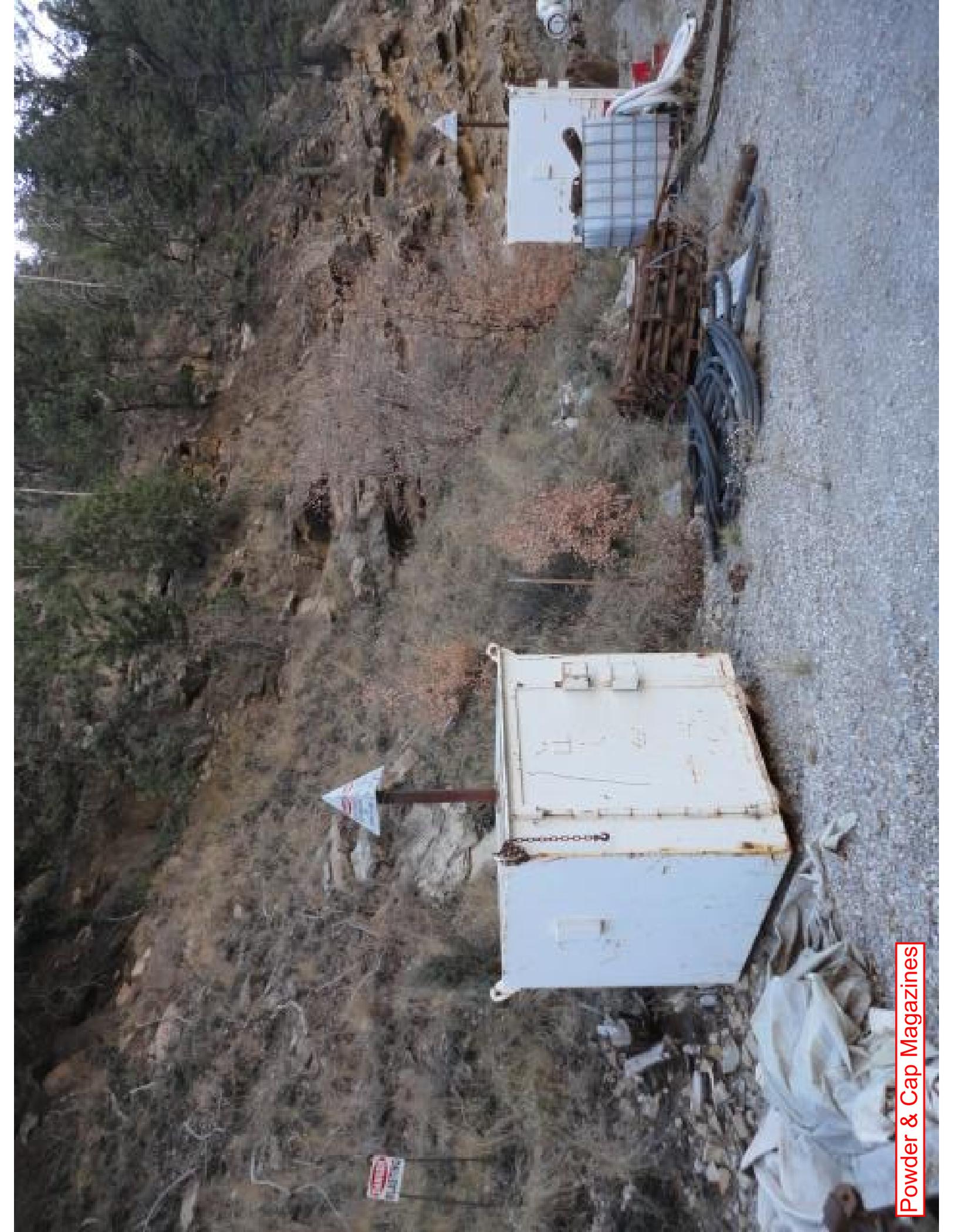
Coal Storage Pad



Upper Storage Yard



Topsoil Pile



Powder & Cap Magazines





Oil Storage Shed



Cell B Sediment Pond