



**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>C0410002</b>
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, May 03, 2016
Start Date/Time:	5/3/2016 8:30:00 AM
End Date/Time:	5/3/2016 2:30:00 PM
Last Inspection:	Wednesday, April 06, 2016

Representatives Present During the Inspection:	
Company	Vicky Miller
OGM	Karl Houskeeper
OGM	Amanda Daniels

Inspector: Karl Houskeeper  
 Weather: Clear Skies, Temp 65 Deg. F.  
 InspectionID Report Number: 5513  
 Accepted by: JHELFRIC  
 5/23/2016

Permittee: **CANYON FUEL COMPANY**  
 Operator: **CANYON FUEL COMPANY**  
 Site: **SUF CO MINE**  
 Address: **597 SOUTH SR24, SALINA UT 84654**  
 County: **SEVIER**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

**Current Acreages**

720.48	<b>Total Permitted</b>
49.66	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

**Mineral Ownership**

- Federal
- State
- County
- Fee
- Other

**Types of Operations**

- Underground
- Surface
- Loadout
- Processing
- Reprocessing

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

*Karl R. Houskeeper*

**Inspector's Signature:**

Karl Houskeeper,  
 Inspector ID Number: 49

**Date** Tuesday, May 03, 2016



**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 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 type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 current DOGM Permit for the SUFCO Mine C/041/0002 became effective on May 21, 2012 and expires on May 21, 2017.

The current insurance Policy GL6576428 is through National Union and Fire Insurance Co. Effective date is 02/01/16 and expires on 02/01/17. All required parameters have been met.

Reclamation agreement is dated 19 August 2015 and is signed by both parties.

SPPC plan is dated November 2011 and is signed, dated and stamped by a Utah P.E. on 11-9-11.

UPDES Permit UT0022918 became effective on October 1, 2011 and expires at midnight on September 30, 2016. There are three authorized outfalls.

Air Quality Permit N10665-0014 was issued on 1-28-13 and is still effective for the mine site.

## **2. Signs and Markers**

Mine identification were found at all access points from the public into the mining permit area. The signs contained all of the information as required by regulation.

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

The first quarter 2016 sediment pond inspection were conducted on 03/10/2016 and 03/23/2016. The reports are certified by a Utah P.E.

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

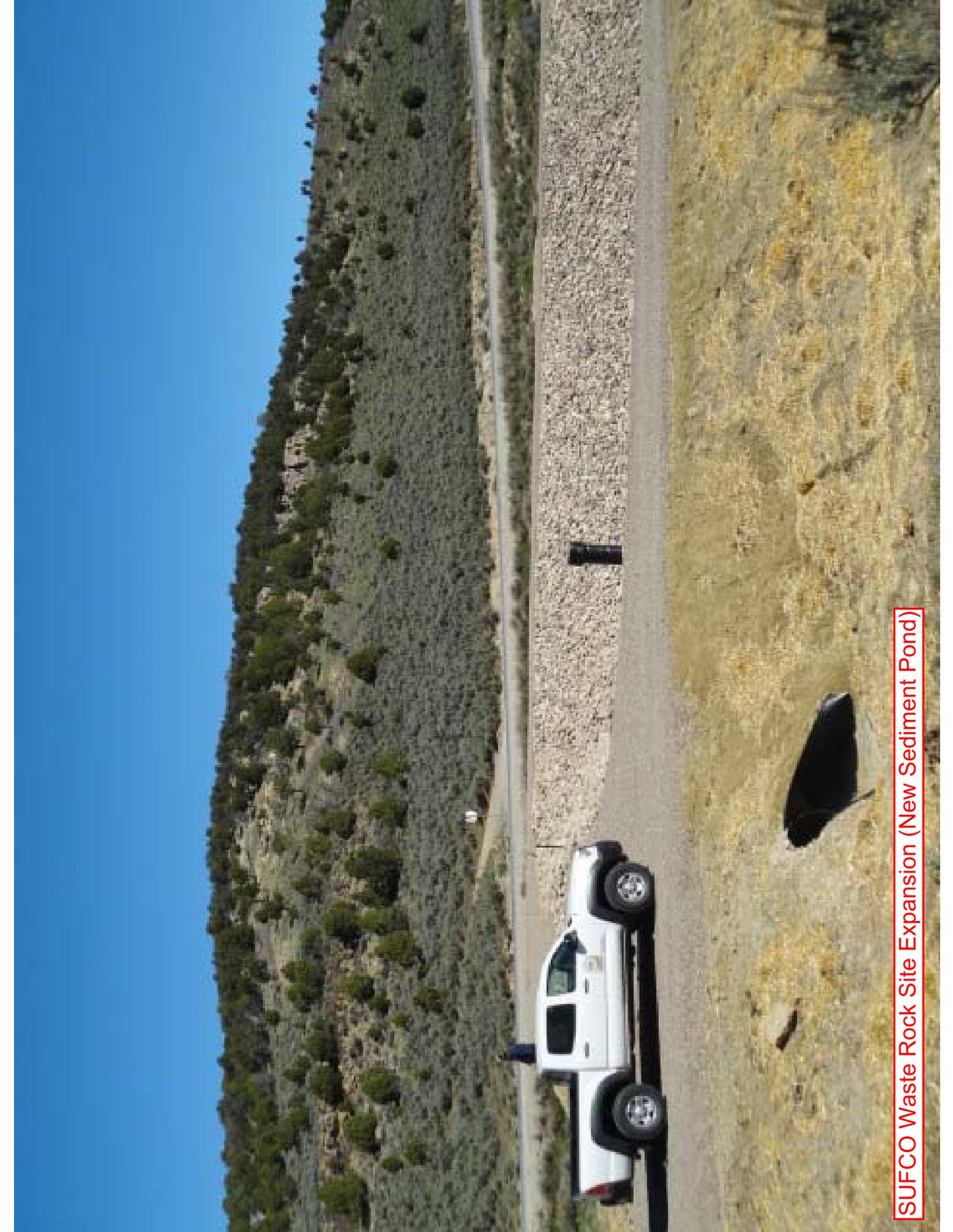
The refuse pile was visited as part of the complete inspection. The pile appears stable. No visible hazards were observed in conjunction with the inspection. The first quarter 2016 inspection was done on 03/23/2016. The old sediment pile final lift has been covered with soil, but still needs to be seeded. The waste rock expansion area has been completed, but no material has been placed in it. The operator is aware that a foundation certification must be submitted before waste rock material can be placed in this newly constructed area. A scope of work has been identified. The area is in need of a survey to document the constructed status prior to usage.

## **14. Subsidence Control**

Visited the area where subsidence manifested itself in the form of the sink hole that was discussed in prior inspection reports. The area is now accessible by vehicle, due to snow melt. Pictures were taken and are attached to the PDF version of this inspection report.



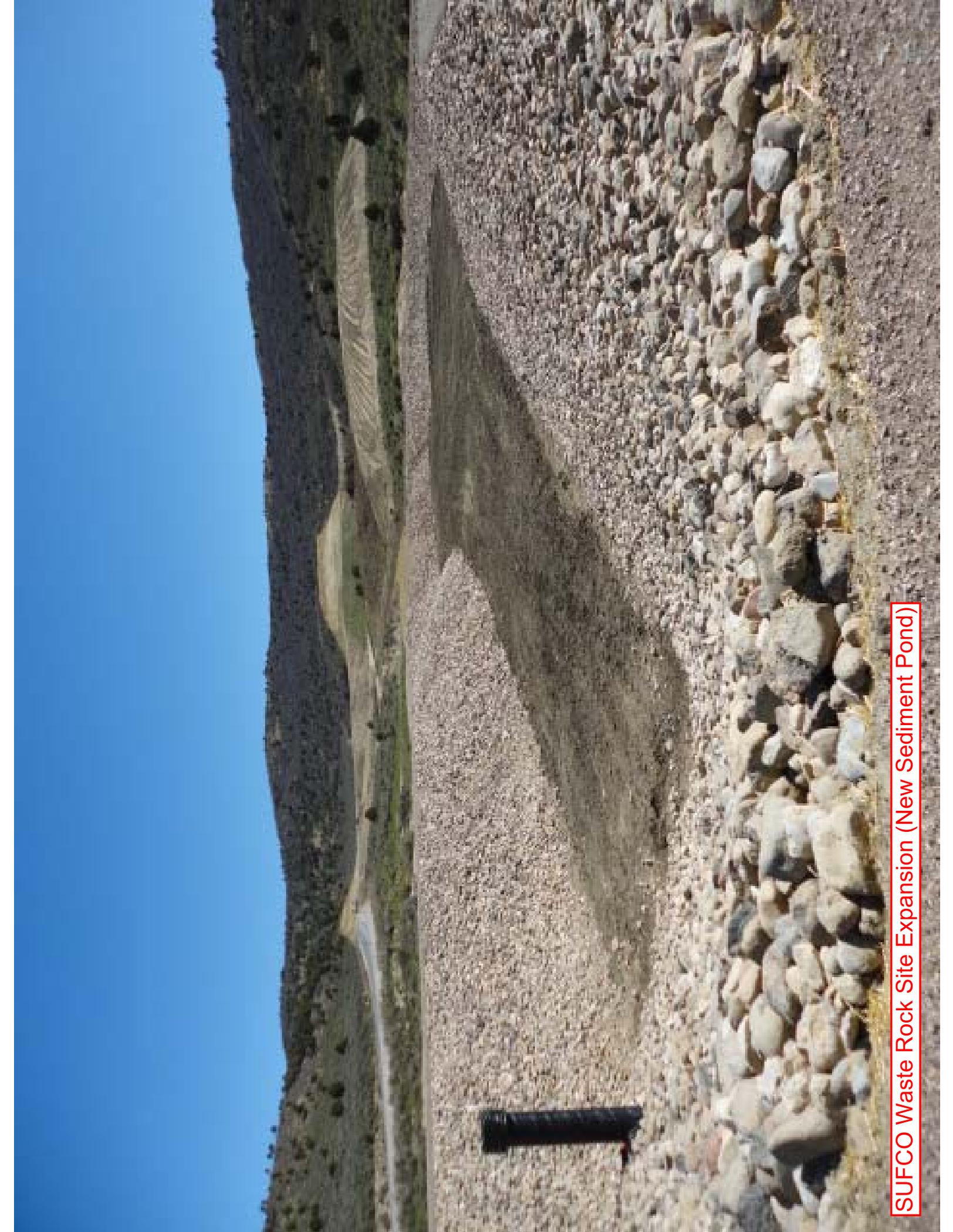
SUFCO Waste Rock Site Expansion (New Sediment Pond)



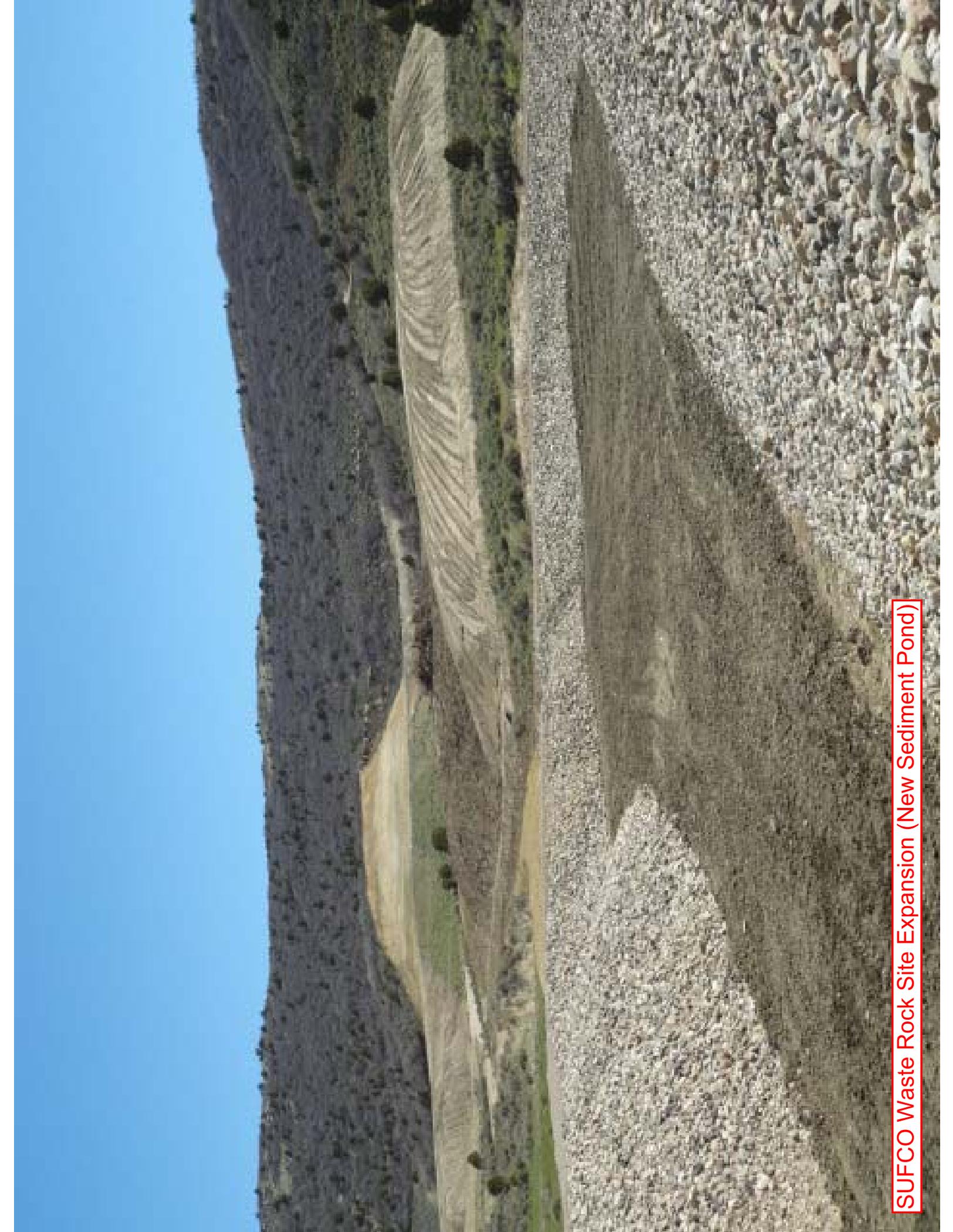
SUFCO Waste Rock Site Expansion (New Sediment Pond)



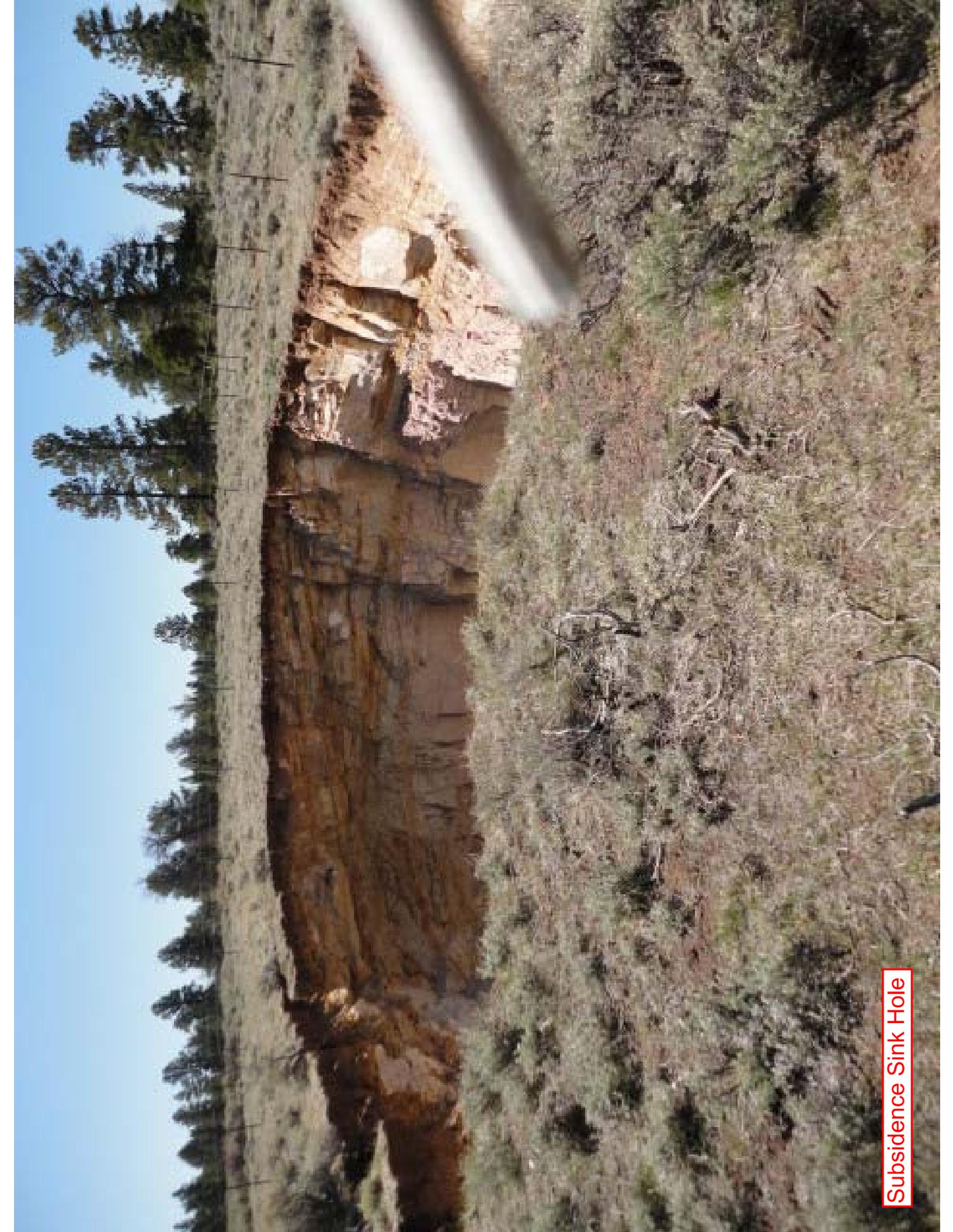
SUFCO Waste Rock Site Expansion (New Sediment Pond)



SUFCO Waste Rock Site Expansion (New Sediment Pond)



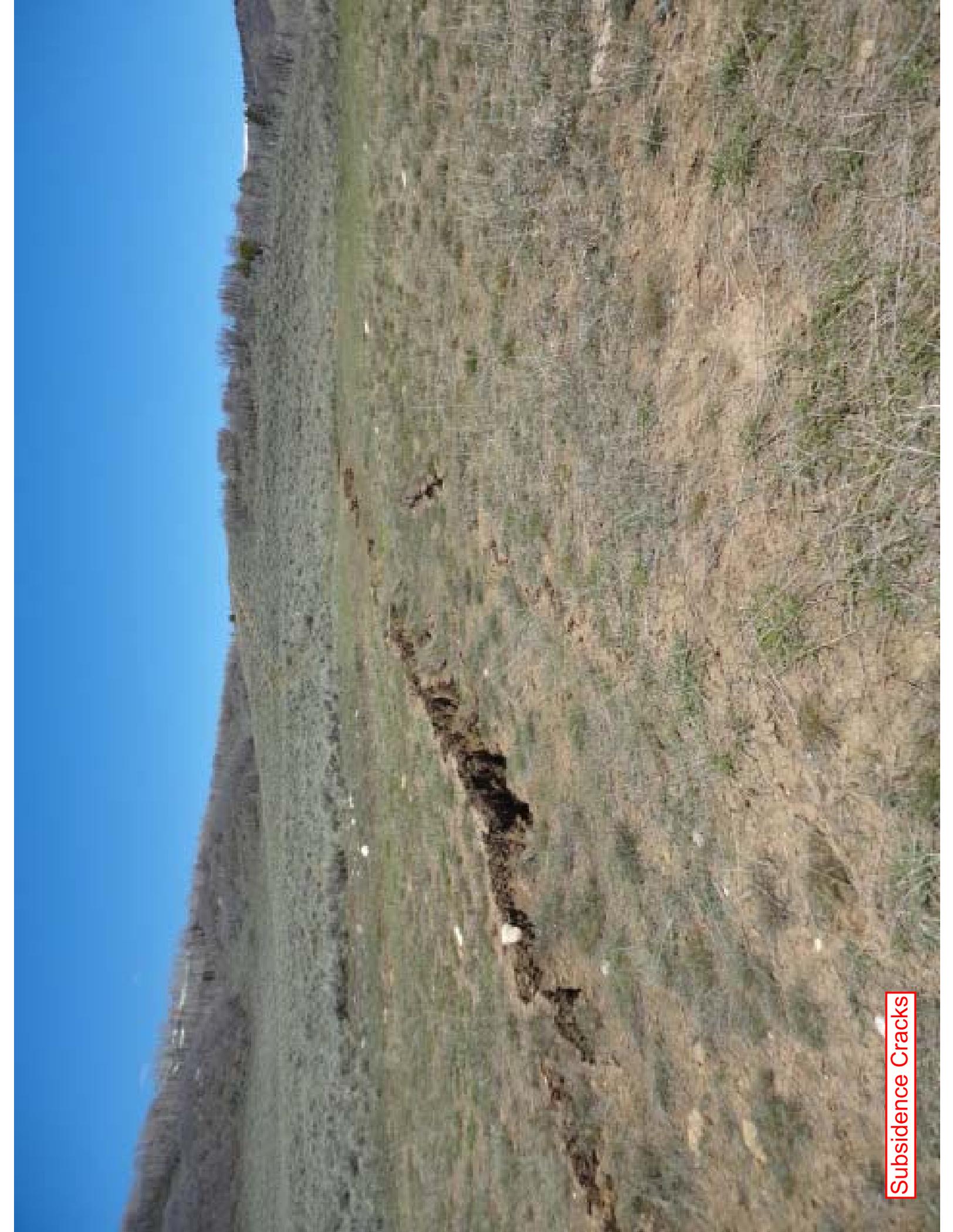
SUFCO Waste Rock Site Expansion (New Sediment Pond)



Subsidence Sink Hole



Subsidence Sink Hole



Subsidence Cracks



Subsidence Cracks