



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:	C0250005
Inspection Type:	PARTIAL
Inspection Date:	Monday, March 04, 2013
Start Date/Time:	3/4/2013 2:00:00 PM
End Date/Time:	3/5/2013 1:00:00 PM
Last Inspection:	Thursday, February 21, 2013

Representatives Present During the Inspection:	
OGM	Kenneth Hoffman
OGM	Steve Christensen
Company	Kirk Nicholes
OGM	Priscilla Burton
OGM	Pete Hess

Inspector: Kenneth Hoffman

Weather: clear and a little windy

InspectionID Report Number: 3408

Accepted by: jhelfric
3/23/2013

Permittee: **ALTON COAL DEVELOPMENT LLC**
 Operator: **ALTON COAL DEVELOPMENT LLC**
 Site: **COAL HOLLOW**
 Address: **463 North 100 West, Suite 1, CEDAR CITY UT 84720**
 County: **KANE**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

635.64	Total Permitted
289.00	Total Disturbed
	Phase I
	Phase II
	Phase III

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:

Discussed the mining sequence change under review, Task 4254. Conducted an inspection of diversion ditches, sedimentation ponds, and UPDES outfalls. Observed the condition of topsoil stockpiles #3 and #4, the reclaimed portion of the excess spoil pile and the location of the active pit.

Inspector's Signature:

Date Thursday, March 04, 2013

Kenneth Hoffman,

Inspector ID Number: 66

Note: This inspection report does not constitute an official statement 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

Task 4254 Mining Sequence Change is under review and was discussed with Larry Johnson and Kirk Nicholes. Technical memos are forthcoming.

3. Topsoil

The Division estimates that there is approximately 10,000 cu yds remaining in topsoil pile #3. The remainder of Topsoil pile #3 is expected to be used this field season on the Excess Spoil pile reclamation. Topsoil pile #4 was roughened and seeded in March 2012, but has since been enlarged and graded to a smooth finish. Dwg 2-2 describes topsoil pile #4 as temporary. With the proposed mining sequence revision, this topsoil stockpile may be more long term and should in that case, be surface roughened and seeded per Section 244.100 and 231.100 of the plan. If the pile is temporary and to be utilized this season, it should be sprayed with a tackifier per Section 231.100 of the plan.

4.a Hydrologic Balance: Diversions

Ditch 2a, 2b, and 3 were observed and appeared to be constructed to plan and operating correctly. A small spring was flowing in Ditch 2b upgradient of the culvert. Ditch 4 was observed from beginning on the haul road to terminous at Pond 3. Many sections of Ditch 4 are not constructed to plan and the side slopes of the ditch do not meet a 2:1 slope. The current site conditions impede conducting corrective actions but Mr. Nicholes committed to having Ditch 4 in compliance with the MRP by no later than June 3, 2013. The start and end of Lower Robinson Creek diversion rip rap was observed and looked complete and holding well.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

All sediment ponds and UPDES discharges were observed except sediment pond 4/UPDES 004 which has not yet been constructed. Pond 1 was nearly at the 10 year 24 hour capacity marker. Pond 1b was about 5% full. Pond 2 was missing the 10 year 24 hour marker but appeared to be approximately 50% full. Mr Nicholes was notified this sticker needs to be replaced as soon as possible. A water truck fill stand and pump were present at Pond 2. Since I was last at the site in August 2012 the inlet on the northwest corner has been moved. Pond 3 had 10% capacity remaining before the 10 year 24 hour marker. A pump was present and being used to fill a water truck. The water truck operates 10 loads per day or 100,000 gal/day.

4.c Hydrologic Balance: Other Sediment Control Measures

Two pairs of haybales at the entrance to the site were observed and appeared to have 50% capacity remaining. The silt fencing by Pond 1b was observed and in need of repair or replacement with new silt fence or excelsior logs. The silt fencing north of Ditch 4 was observed and in need of repair or replacement with new silt fence or excelsior logs. The silt fencing northwest of Pond 3 was observed and in need of repair or replacement with new silt fence or excelsior logs. Haybales near the end of Lower Robinson Creek diversion are buried in sediment and near being overtopped and need to be cleaned out and/or replaced. Repair or replacement of these sedimentation control measures was discussed with Mr. Nicholes and he agreed to have the work completed by June 3, 2013.

4.e Hydrologic Balance: Effluent Limitations

None of the UPDES locations have discharged this winter.

6. Disposal of Excess Spoil, Fills, Benches

The southern slope of the west end of the Excess Spoil pile has been graded to final contours. Subsoil and topsoil are being spread over this area of the excess spoil pile. See attached photograph and Dwg 5-38 for location of 2012 (Year 1) reclamation.

11. Contemporaneous Reclamation

Although the soil is still very cool, sprigs of Triticale were seen emerging on the reclaimed west end of Excess Spoil pile. See photographs and refer to Dwg 5-38 for the 2012 (Year 1) reclamation location.

12. Backfilling And Grading

Refer to Dwg 5-10 for pit locations. Pite 5 is backfilled. Pit 6 has been mined out. Pit 7 is being backfilled. The 15 ft. seam of coal in Pit 8 is being mined using a dozer with a ripper and truck and shovel. The benched highwall is approximately 70 - 100 ft. See attached photographs.

16.a Roads: Construction, Maintenance, Surfacing

Pit 8 was observed and no water was discharging from the high wall. Pit 6 was also observed with 3 small springs flowing at possibly 0.5 gpm each.

16.b Roads: Drainage Controls

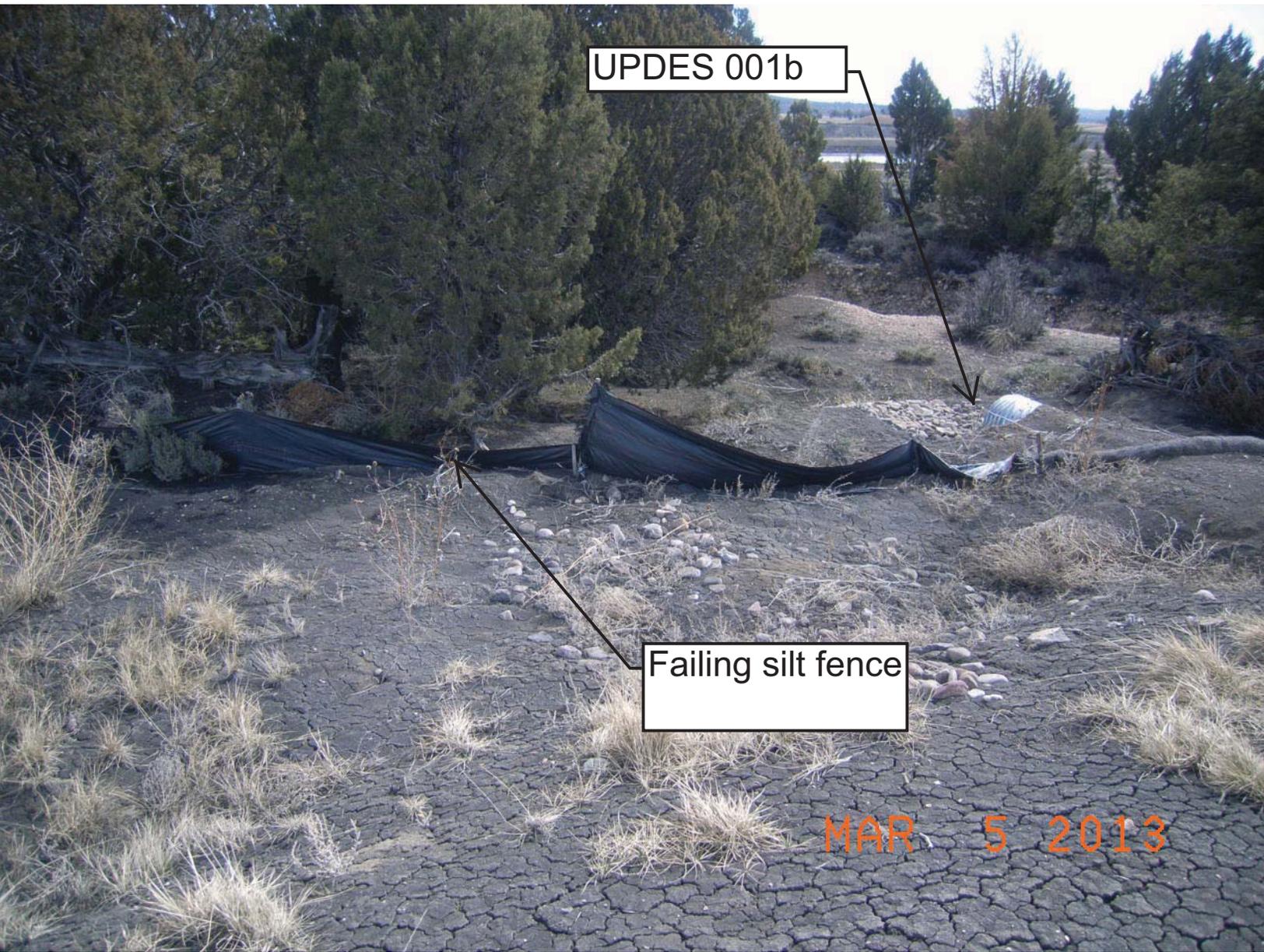
The culvert to Pond 1b had been repaired and a large amount of sediment was present upgradient. Mr. Nicholes was notified this sediment needed to be cleaned out as soon as possible. Mr. Nicholes stated it would be completed by the end of the week.



Pond 1 culvert

Sediment

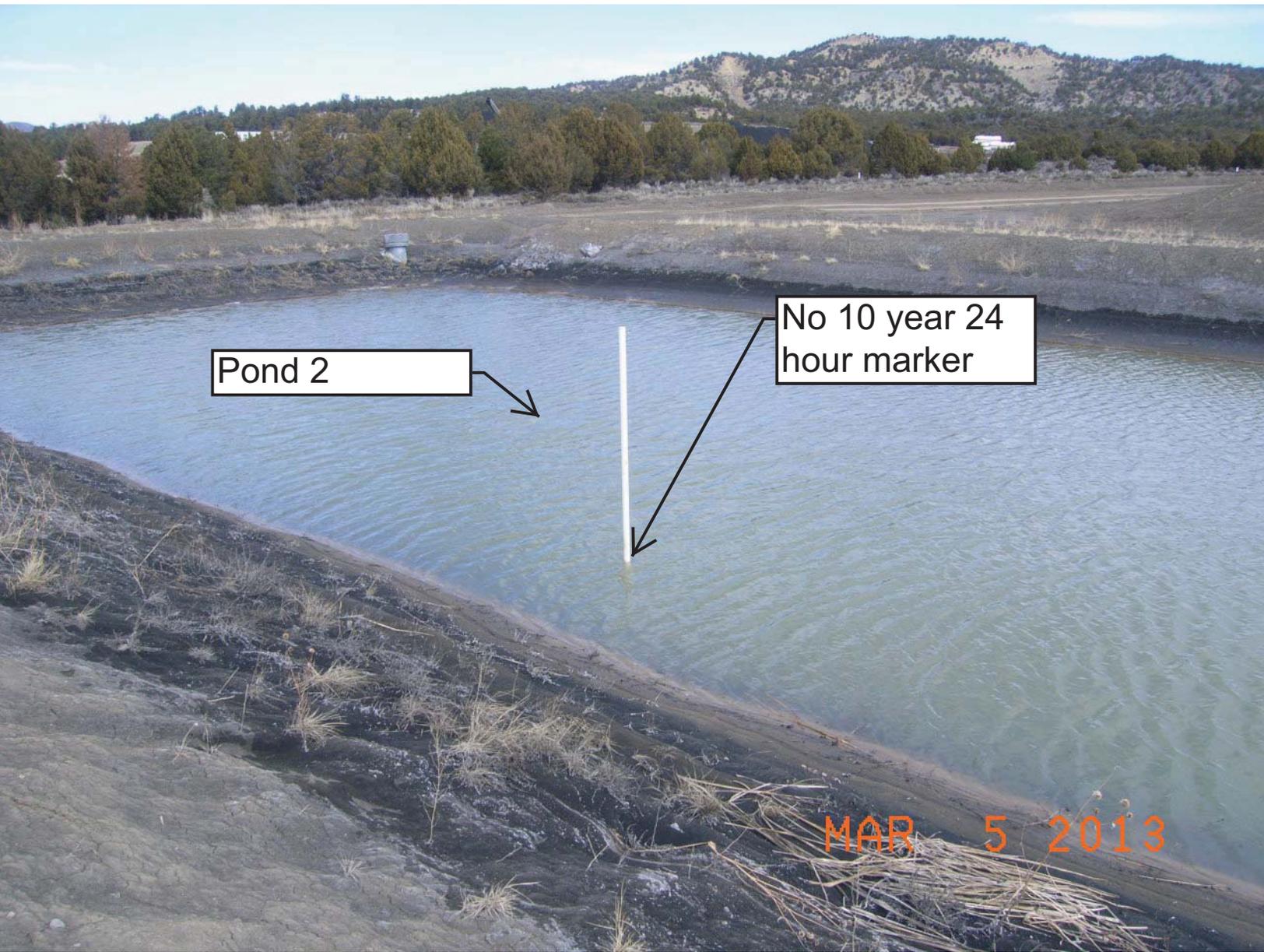
MAR 5 2013



UPDES 001b

Failing silt fence

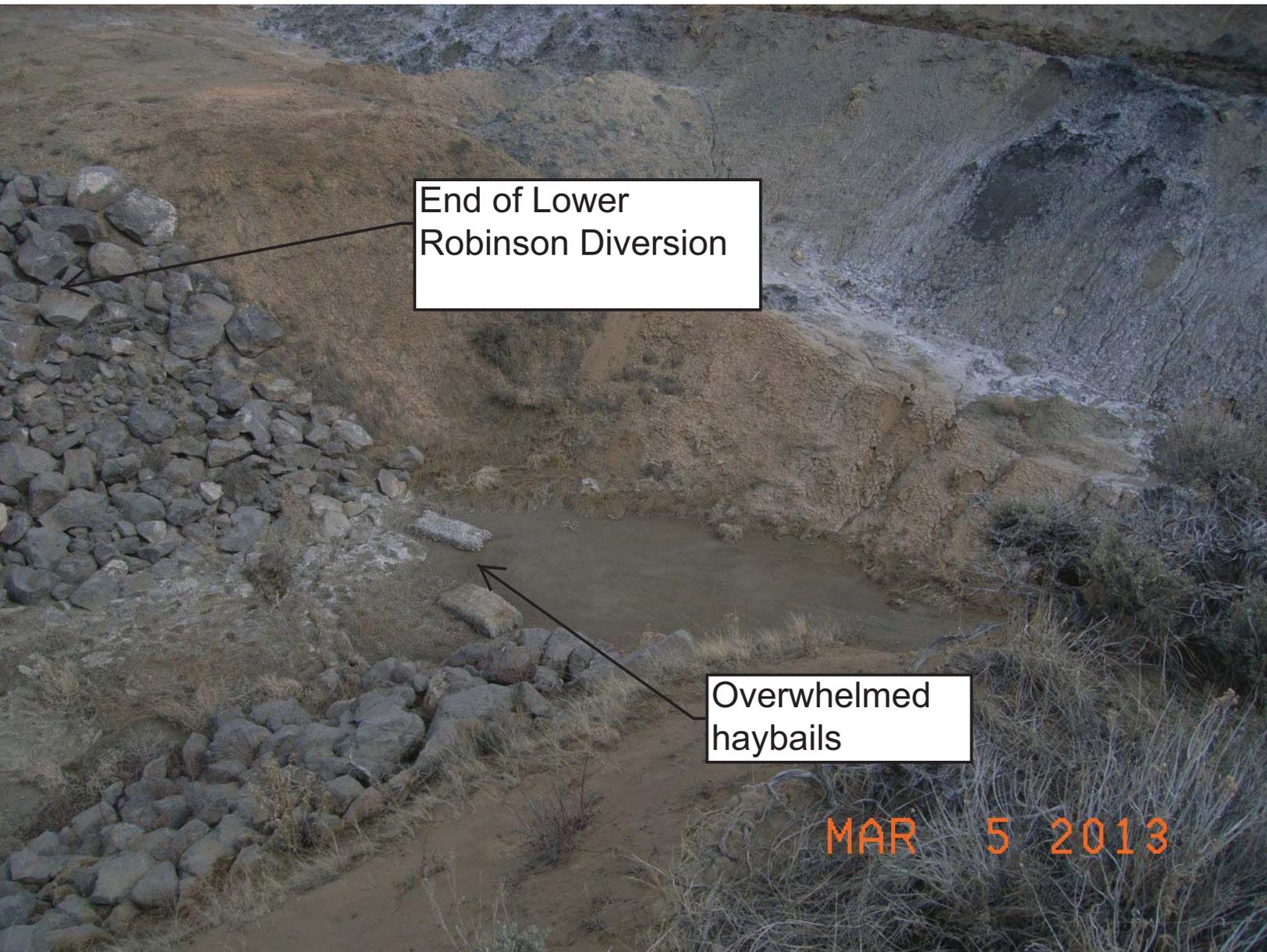
MAR 5 2013



Pond 2

No 10 year 24
hour marker

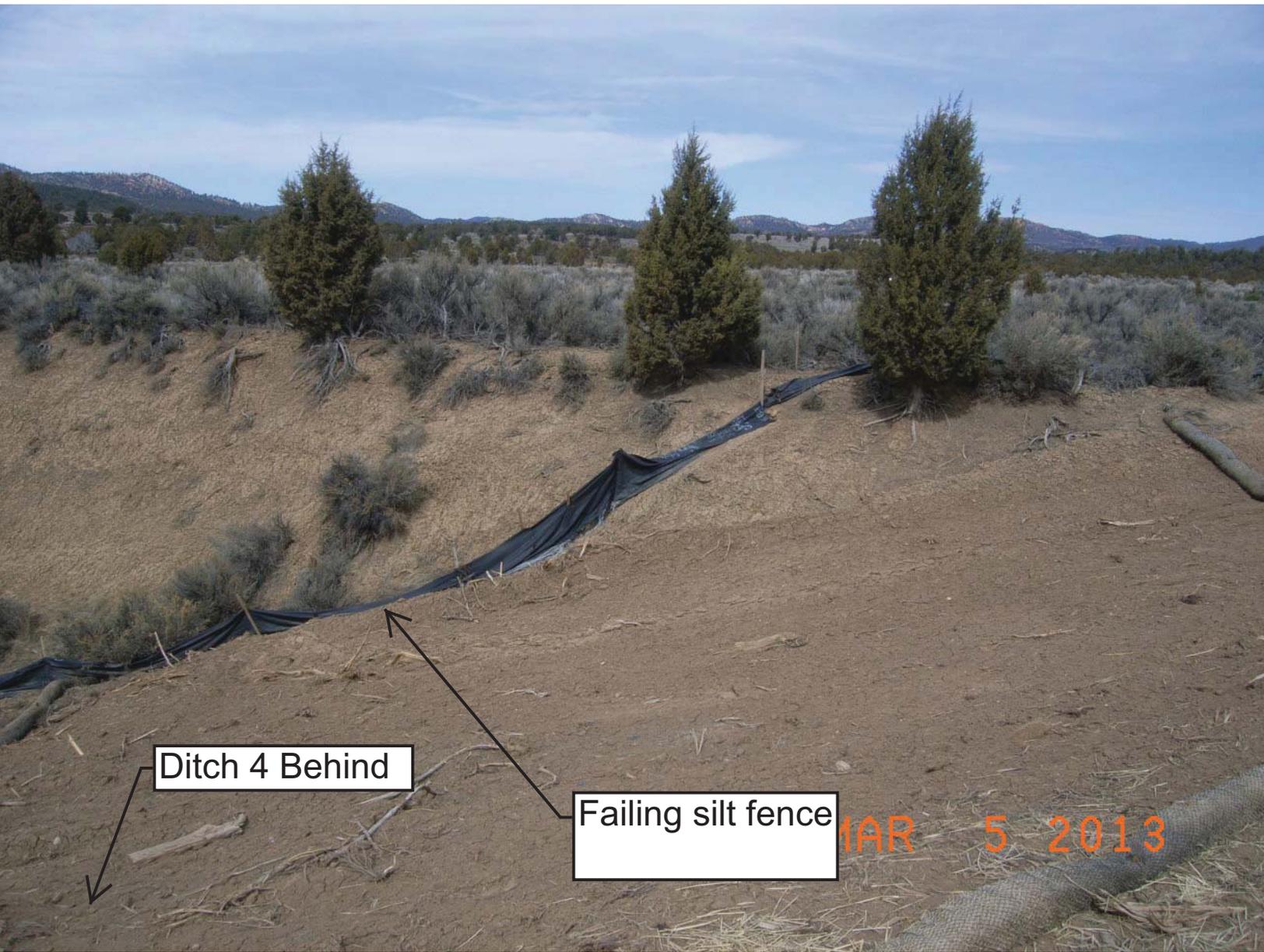
MAR 5 2013



End of Lower Robinson Diversion

Overwhelmed haybails

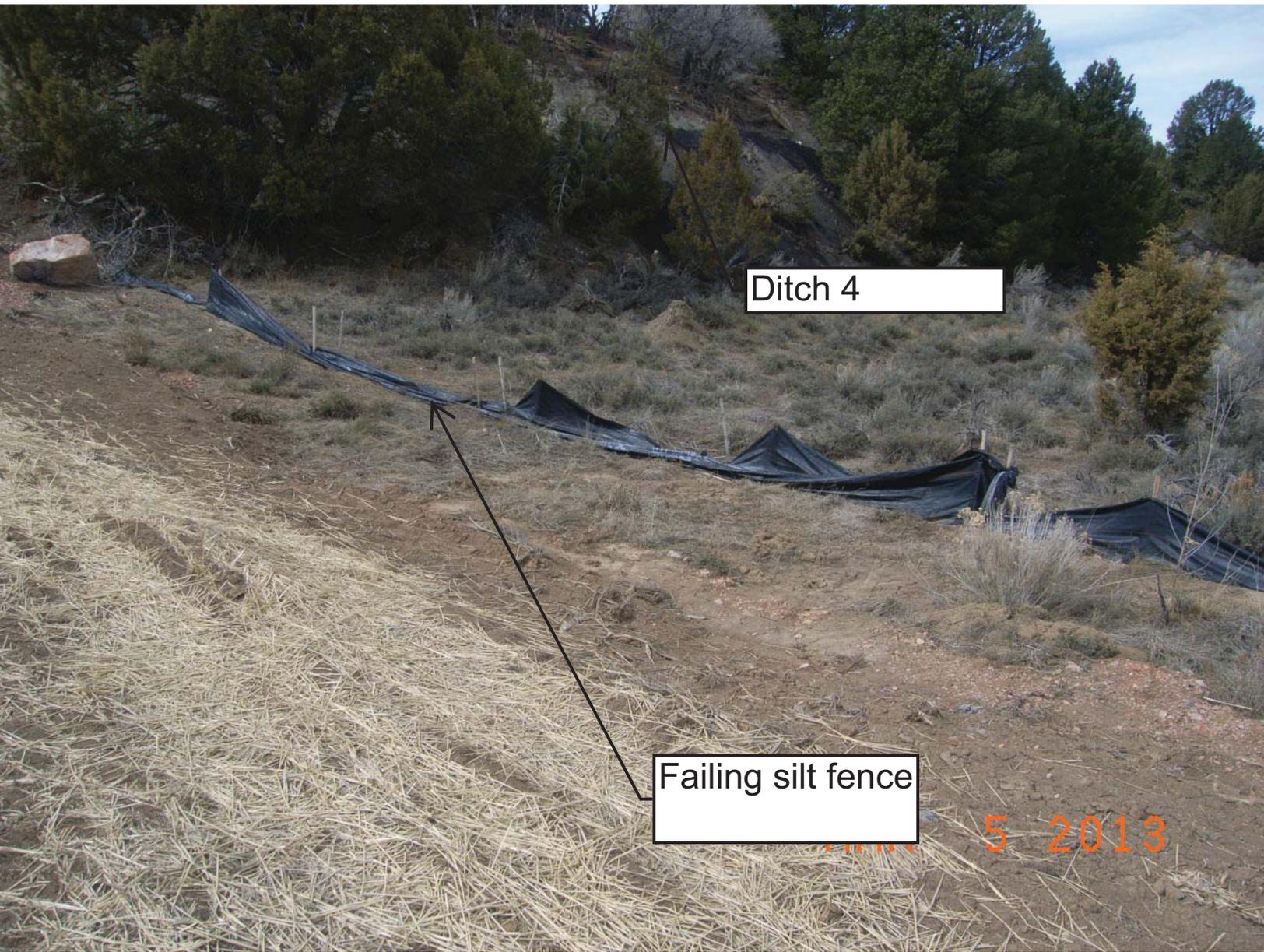
MAR 5 2013



Ditch 4 Behind

Failing silt fence

MAR 5 2013



Ditch 4

Failing silt fence

5 2013



Vertical sides

Ditch 4

MAR 5 2013



Vertical sides

Ditch 4

MAR 5 2013



Pond 3

Vertical sides

Ditch 4

MAR 5 2013

UPDES 003

Failing silt fence

MAR 5 2013













