OGMCOAL DNR< ogmcoal@utah.gov>

Re: 00150032 Crandall Canyon Burma Pond Inspection Rpt 3364

Priscilla Burton < priscillaburton@utah.gov> Fri, Feb 1, 2013 at 3:21 PM
To: jmarshall@coalsource.com, OGMCOAL DNR <ogmcoal@utah.gov>

Hello Jay,

I have attached the inspection report for my site visit to the Burma pond on January 24, 2013. Have you received the seed yet?

Priscilla Burton

435-613-3733
PriscillaBurton@utah.gov

Sr. Environmental Scientist
Coal Program/Price Field Office
Utah Division of Oil, Gas & Mining
319 Carbonville Road, Ste. C
Price UT 84501

On Thu, Jan 24, 2013 at 2:54 PM, Priscilla Burton <priscillaburton@utah.gov> wrote:

> Hi Jay,
> After we talked on the phone, I learned that Dan Guy's Sedimentation and Drainage Plan (Attach 7) describes UD-1 as greater than or equal to 15 in. deep and with 1h:1v sideslopes. So, I asked Jerry Crieps to finish the ditch to those specifications. Before getting started, he was going to discuss the best way to accomplish this with you. An image of the ditch is attached.
> Priscilla Burton
>
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> PriscillaBurton@utah.gov
>
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State of Utah

DEPARTMENT OF NATURAL RESOURCES

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Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

Inspection Report

Permit Number:	**C0150032**
Inspection Type:	PARTIAL
Inspection Date:	Thursday, January 24, 2013
Start Date/Time:	1/24/2013 9:00:00 AM
End Date/Time:	1/24/2013 12:30:00 PM
Last Inspection:	Wednesday, December 18, 2013

Inspector: Priscilla Burton,

Weather: overcast 25F

InspectionID Report Number: 3364

Accepted by: jhelfric
1/29/2013

Representatives Present During the Inspection:	
OGM	Priscilla Burton
Other	Jerry Cripps

Permitee: **GENWAL RESOURCES INC**
Operator: **GENWAL RESOURCES INC**
Site: **CRANDALL CANYON MINE**
Address: **PO BOX 910, EAST CARBON UT 84520-0910**
County: **EMERY**
Permit Type: **PERMANENT COAL PROGRAM**
Permit Status: **ACTIVE**

Current Acreages

6,295.06	**Total Permitted**
34.47	**Total Disturbed**
	Phase I
	Phase II
	Phase III

Mineral Ownership

- [x] Federal
- [ ] State
- [ ] County
- [ ] Fee
- [ ] Other

Types of Operations

- [x] Underground
- [ ] Surface
- [ ] Loadout
- [ ] Processing
- [ ] Reprocessing

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

I inspected the Burma pond construction site. Dale Drew represented UEI and Jerry Cripps represented SCAMP Excavation. The pond liner has been installed. The pond spillway is completed and the roadway is being compacted. Ditch BUD-1 is under construction. Ditch BUD-1 specifications are described in Attachment 7. The construction of 1h:1v side slopes was discussed. Excelsior logs have been placed as shown on Dwg 5. Topsoil pile needs to be roughened with straw incorporated and seeded.

Inspector's Signature: Priscilla Burton

Priscilla Burton,
Inspector ID Number: 37

Date Thursday, January 24, 2013

Note: This inspection report does not constitute an official finding of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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UTAH DNR OIL, GAS & MINING

Permit Number: C0150032
Inspection Type: PARTIAL
Inspection Date: Thursday, January 24, 2013

Inspection Continuation Sheet

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 performace 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	☐	☐	☐	☐
2. Signs and Markers	☐	☐	☐	☐
3. Topsoil	☑	☐	☑	☐
4.a Hydrologic Balance: Diversions	☑	☐	☑	☐
4.b Hydrologic Balance: Sediment Ponds and Impoundments	☑	☐	☑	☐
4.c Hydrologic Balance: Other Sediment Control Measures	☑	☐	☑	☐
4.d Hydrologic Balance: Water Monitoring	☐	☐	☐	☐
4.e Hydrologic Balance: Effluent Limitations	☐	☐	☐	☐
5. Explosives	☐	☐	☐	☐
6. Disposal of Excess Spoil, Fills, Benches	☐	☐	☐	☐
7. Coal Mine Waste, Refuse Piles, Impoundments	☐	☐	☐	☐
8. Noncoal Waste	☐	☐	☐	☐
9. Protection of Fish, Wildlife and Related Environmental Issues	☐	☐	☐	☐
10. Slides and Other Damage	☐	☐	☐	☐
11. Contemporaneous Reclamation	☐	☐	☐	☐
12. Backfilling And Grading	☐	☐	☐	☐
13. Revegetation	☐	☐	☐	☐
14. Subsidence Control	☐	☐	☐	☐
15. Cessation of Operations	☐	☐	☐	☐
16.a Roads: Construction, Maintenance, Surfacing	☑	☐	☑	☐
16.b Roads: Drainage Controls	☐	☐	☐	☐
17. Other Transportation Facilities	☐	☐	☐	☐
18. Support Facilities, Utility Installations	☐	☐	☐	☐
19. AVS Check	☐	☐	☐	☐
20. Air Quality Permit	☐	☐	☐	☐
21. Bonding and Insurance	☐	☐	☐	☐
22. Other	☑	☐	☑	☐

3. Topsoil

A ditch has been dug around the topsoil pile. The pile was not snow covered. The pile has not been seeded or mulched. The requirements for seeding and mulching as described in the plan were discussed with Mr. Drew and Mr. Crieps and with Mr. Marshall by phone. The application of 1 T/ac (approx 4 -5 bales of straw) to the pile followed by incorporation with surface roughening are described on page 3 of App. 7-66. We discussed keeping the surface roughening shallow so as to avoid steep sided gouges. Surface roughening and seeding operations can be accomplished on top of snow.. SCAMP does not yet have the seed, but Mr. Marshall has ordered it. Mulching, surface roughening and seeding will take place ASAP.

4.a Hydrologic Balance: Diversions

Culvert BC-1 shown on Dwg 4 is in place. This culvert will be tested to make sure that it passe flow, as daylight can not be seen from either side of the culvert. Undisturbed diversion BUD-1 is under construction. BUD-1 becomes very deep as it progresses east to its outlet. However, the Sedimentation and Drainage Plan (Attach 7) describes BUD-1 as greater than or equal to 15 in. deep and with 1h:1v sideslopes. The Division staff hydrologist was consulted by phone and indicated that the depth of BUD-11 is acceptable because it meets or exceeds the design, but the side slopes need to be re-configured. The dimensions were discussed with Mr. Crieps and Mr. Drew. They will discuss with Jay Marshall how best to complete the ditch to those specifications. An email was sent to Mr. Marshall concerning the ditch on Jan 24. An image of the ditch is attached.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The pond liner is in position. It is one piece with no seams. A sample of the liner was taken for the files. Attachment 2 of App 7-66 describes the liner as Nova-thene RB8-6 (geotextile) that is 1.75 mil thick . It is held down under the roadway by the road base and under the spill way by the rip rap. Mr Crieps said that before it was placed, all fragments of rock larger than roadbase were removed from the basin. The spillway is constructed on the SE end of the pond which was surveyed to ensure that it was the lowest point. Four depth markers are in place at the four corners of the pond. Conveyor beliting has been placed on top of the pond liner at the location of discharge (N side) to protect the liner.

4.c Hydrologic Balance: Other Sediment Control Measures

Excelsior logs have been installed at the end of BUD-1 and at the base of the sediment pond berm.

16.a Roads: Construction, Maintenance, Surfacing

At the time of the inspection, SCAMP is using a roller to pack the surface of the roadway. Road base from SCAMP's Orangeville pit had been imported to a depth of 6 inches over the road and pond berm.

22. Other

Cody Ware, surveyor, is expected to gather data for As-Built documentation this week.

pond embankment

north side
topsoil pile

topsoil pile
south side

conveyor belting

BUD-1