



**GARY R. HERBERT**  
Governor

**GREG BELL**  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

**MICHAEL R. STYLER**  
Executive Director

### Division of Oil, Gas and Mining

**JOHN R. BAZA**  
Division Director

October 1, 2013

Jeff Fleischman, Chief  
Office of Surface Mining  
1999 Broadway, Suite 3320  
Denver, Colorado 80201-3050

Subject: September 2013 OSM Compliance Report

Dear Mr. Fleischman:

Attached please find the following September 2013 inspection reports, notice of violations, cessation orders, modifications, terminations, vacations, proposed assessments, finalized assessments, conference requests, hearings held, and fines paid.

### ***Inspections***

<b><u>Permit #</u></b>	<b><u>Inspection Date</u></b>	<b><u>Type</u></b>	<b><u>Mine Name</u></b>
C/007/0001	09/16/2013	Complete	White Oak
C/007/0004	09/16/2013	Partial	Castle Gate
C/007/0005	09/12/2013	Partial	Skyline
C/007/0007	09/04/2013	Complete	Sunnyside Mine
C/007/0011	09/24/2013	Partial	Hiawatha
C/007/0012	09/26/2013	Complete	Wellington Prep Plant
C/007/0013	09/24/2013	Complete	Horse Canyon
C/007/0016	08/28/2013	Partial	Gordon Creek 2, 7 & 8
C/007/0016	09/25/2013	Complete	Gordon Creek 2, 7 & 8
C/007/0019	09/11/2013	Partial	Centennial
C/007/0019	09/26/2013	Partial	Centennial
C/007/0020	09/26/2013	Partial	Horizon
C/007/0022	09/10/2013	Complete	Savage Coal Terminal
C/007/0033	09/25/2013	Complete	Wildcat Loadout
C/007/0035	09/19/2013	Complete	Sunnyside Refuse/Slurry
C/007/0038	09/16/2013	Partial	Willow Creek
C/007/0039	09/06/2013	Partial	Dugout Canyon
C/007/0039	09/18/2013	Partial	Dugout Canyon
C/007/0041	09/12/2013	Partial	West Ridge
C/007/0042	09/19/2013	Complete	Star Point Refuse
C/007/0045	09/09/2013	Complete	Covol
C/015/0007	09/18/2013	Partial	Hidden Valley
C/015/0009	09/24/2013	Complete	Trail Mountain
C/015/0015	09/10/2013	Partial	Emery Deep
C/015/0015	09/18/2013	Partial	Emery Deep
C/015/0017	09/30/2013	Partial	Des Bee Dove
C/015/0018	09/30/2013	Partial	Deer Creek
C/015/0019	09/24/2013	Complete	Cottonwood/Wilberg



C/015/0025	09/25/2013	Partial	Bear Canyon
C/015/0032	09/17/2013	Partial	Crandall Canyon
C/015/0032	09/20/2013	Partial	Crandall Canyon
C/025/0005	09/04/2013	Complete	Coal Hollow
C/025/0005	09/24/2013	Partial	Coal Hollow
C/041/0002	09/17/2013	Complete	Sufco
X/007/0044	09/03/2013	Partial	Columbia Well Site

***Fines Received***

<b><u>Permit #</u></b>	<b><u>Date Received</u></b>	<b><u>NOV/CO #</u></b>	<b><u>Mine Name</u></b>
C/007/0013	09/04/2013	#10130	Horse Canyon

All of the listed inspection reports, modifications, terminations, vacations, assessments and correspondence, included in this envelope have been verified by one of the Permit Supervisors.

Sincerely,

*Suzanne Steab*

Suzanne Steab  
Engineering Technician II



# 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:	C0070001
Inspection Type:	COMPLETE
Inspection Date:	Monday, September 16, 2013
Start Date/Time:	9/16/2013 11:30:00 AM
End Date/Time:	9/16/2013 4:30:00 PM
Last Inspection:	Tuesday, August 13, 2013

Representatives Present During the Inspection:	
OGM	Priscilla Burton

Inspector: Priscilla Burton,

Weather: partly cloudy 65 F

InspectionID Report Number: 3610

Accepted by:

Permitee: **LODESTAR ENERGY INC**

Operator:

Site: **WHITE OAK MINE**

Address: ,

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **RECLAIMED**

#### Current Acreages

3,906.00	<b>Total Permitted</b>
151.10	<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:

Checked the mine site and loadout after two weeks of rainfall.

Inspector's Signature:

Priscilla Burton,  
Inspector ID Number: 37

Date Tuesday, September 17, 2013



**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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### **3. Topsoil**

Vegetation Supporting Material (substitute topsoil) is stockpiled next to the railroad tracks at the loadout. The pile is vegetated and stable and is signed.

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

The water level in sediment pond 1 at the loadout is higher than usual, but still below the overflow.

### **4.c Hydrologic Balance: Other Sediment Control Measures**

Water bars along Terrace A at the mine site need maintenance. The additional water bars installed last year on Terrace A have captured a lot of sediment.

### **8. Noncoal Waste**

Trash was removed when encountered during the inspection.

### **9. Protection of Fish, Wildlife and Related Environmental Issues**

Location of iron seep in the reclaimed Whiskey Creek drainage was gps'd. Seed left over from last fall that has been stored at the Price Field Office was scattered at various locations at the mine site. Thistle spraying was very effective. New rosettes are present all over the slite, however. Next year the slope between Terrace B and and Terrace A should be the main priority.

### **10. Slides and Other Damage**

None. Sink hole repair is still sound.

### **13. Revegetation**

Vegetation growing on the steep north facing bank of Reach 3 and Reach 4 is a reflection of the Division's seeding efforts last fall and is encouragng.

### **16.b Roads: Drainage Controls**

The access road to the mine site requires maintenance in the location of several culverts. Water flowing down the road has created large gullies that are contributing sediment to the Whiskey Creek channel and Eccles Creek. Approximately 6 inches of sediment covers vegetation at the confluence from the last storm system.

Culvert XX on the RR access road at the mine site is crushed and flow is beginning to erode the roadway.

### **18. Support Facilities, Utility Installations**

Substation pad and power line remain.



# 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:	C0070004
Inspection Type:	PARTIAL
Inspection Date:	Monday, September 16, 2013
Start Date/Time:	9/16/2013 12:00:00 PM
End Date/Time:	9/16/2013 4:00:00 PM
Last Inspection:	Tuesday, August 20, 2013

Representatives Present During the Inspection:	
Company	Dennis Ware
OGM	Steve Demczak

Inspector: Steve Demczak

Weather: Cloudy, 70's

InspectionID Report Number: 3611

Accepted by: jhelfric

9/26/2013

Permittee: **CASTLE GATE HOLDING CO**  
 Operator: **CASTLE GATE HOLDING CO**  
 Site: **CASTLE GATE MINE**  
 Address: **PO BOX 30, HELPER UT 84526-0030**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **RECLAIMED**

### Current Acreages

7,619.00	<b>Total Permitted</b>
5.56	<b>Total Disturbed</b>
62.42	<b>Phase I</b>
58.10	<b>Phase II</b>
57.44	<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:

The permittee received Phase III bond release on October 2012 from the majority of the site.. The two sub-stations and adit #1 are not released. These areas are less than 3 acres. These three areas are schedule to receive Phase III bond release in 2014.

The sites are well vegetated.

The high intensity rainstorms in the area did not have a major impact. The one diversion at adit #1 had the sediment and vegetation remove from the Pyrmat that lined the diversion.

No violations were issued.

Inspector's Signature:

Steve Demczak,  
Inspector ID Number: 39

Date Tuesday, September 17, 2013



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

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	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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input 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**

The permittee will seek bond release next year in the spring.

**2. Signs and Markers**

The identification sign is located in front of adit #1 reclamation. The information on the sign meets the minimum requirements of the R645 Coal Rules.

**3. Topsoil**

The topsoil was stable with no signs of erosion. All three sites are well vegetated.

**4.a Hydrologic Balance: Diversions**

The high intensity rainstorms in the area did not have a major impact. The one diversion at adit #1 had the sediment and vegetation remove from the Pyramat that lined the diversion. The three sites were stable with no other signs of erosion from the storms.

**8. Noncoal Waste**

Adit #1 is located next to highway US 50-6. Some trash from passing cars were within the disturb area.

**13. Revegetation**

The permittee has conducted year 10 vegetation study.





# 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:	C0070005
Inspection Type:	PARTIAL
Inspection Date:	Thursday, September 12, 2013
Start Date/Time:	9/12/2013 7:30:00 AM
End Date/Time:	9/12/2013 2:00:00 PM
Last Inspection:	Tuesday, August 20, 2013

Representatives Present During the Inspection:	
Company	Gregg Galecki
OGM	Karl Houskeeper

Inspector: Karl Houskeeper

Weather: Overcast Rain Thunder Lighting, Temp. 45 Deg. F.

InspectionID Report Number: 3605

Accepted by: jhelfric

9/26/2013

Permitee: **CANYON FUEL COMPANY**  
 Operator: **CANYON FUEL COMPANY**  
 Site: **SKYLINE MINE**  
 Address: **HC 35 BOX 380, HELPER UT 84526**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

121.97	<b>Total Permitted</b>
121.97	<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:

Had a phone message and email from Daron Haddock, Program Manager with the Division of Oil, Gas and Mining indicating subsidence concerns associated with the Skyline Mine. Daron requested that a site investigation be conducted.

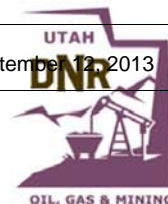
Gregg Galecki, Todd Poulsen and Taylon Earl from the Skyline Mine accompanied the Division Inspector Karl Houskeeper to the area of subsidence located above the 6th Left Longwall Panel. See Item 14 for Details.

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

Inspector's Signature:

Karl Houskeeper,  
Inspector ID Number: 49

Date Thursday, September 12, 2013



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
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	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input 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"/>

## **2. Signs and Markers**

The mine identification sign was checked and found to be compliant. The signs are still valid even with the change of ownership.

## **14. Subsidence Control**

Daron Haddock Program Manger with the Division of Oil, Gas and Mining asked that a site investigation be conducted at the Skyline Mine concerning subsidence. The USFS had called Daron and reported the subsidence.

The site investigation provided the following information. The crack has been in existence since 2011 and has been monitored. Additional separation and depth has occurred this year. The length was measured at approximately 704 feet. The width varies with the widest area being approximately 3 to 4 feet for a short length. The majority of the separation is .5 to 1 foot wide. The greatest depth is approximately 25 to 30 feet with the majority of the depth being approximately 5 to 8 feet.

The area was taped off during the inspection to give warning of the area. Pictures were taken and are attached to the PDF version of this inspection report.

During the inspection and investigation the area received heavy rain fall associated with intense thunder and lighting activity.

The land owner in this area is the USFS. The mine was asked to review their subsidence plan and contact the Division with their plans for mitigation.



# 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>C0070007</b>
Inspection Type:	COMPLETE
Inspection Date:	Wednesday, September 04, 2013
Start Date/Time:	9/4/2013 9:00:00 AM
End Date/Time:	9/4/2013 1:00:00 PM
Last Inspection:	Friday, August 09, 2013

Representatives Present During the Inspection:
OGM Steve Demczak

Inspector: Steve Demczak

Weather: Sunny, 80's

InspectionID Report Number: 3606

Accepted by:

Permitee: **SUNNYSIDE COAL CO**

Operator: **SUNNYSIDE COAL CO**

Site: **SUNNYSIDE MINE**

Address: ,

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **FORFEITURE**

### Current Acreages

287.40	<b>Total Permitted</b>
287.40	<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:

The building at the Sunnyside reclaim site is in total disrepair. The buildings have been vandalized countless times. Windows are broken and doors to building are open. The Division gave this portion of Sunnyside Mine to a company and given Phase III bond release as an Industrial site.

This site has been reclaimed by the Division and was completed in 2000. The majority land is covered with mostly sage brush. There are other areas that have grasses. I did not see any major sites of erosion and the reclaimed lands appear to be stable. I did not notice any off site impacts. I recommend this site to be release from the Divisions control. I do not think any further inspections are required.

Inspector's Signature:

Steve Demczak,  
Inspector ID Number: 39

Date Monday, September 16, 2013



**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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**1. Permits, Change, Transfer, Renewal, Sale**

The Division reclaimed the Sunnyside mine except for lands that received Phase III bond release for use as an Industrial site. The Industrial site has never been used. The Division started reclamation in 1997 and was completed in year 2000.

**3. Topsoil**

It appears all topsoil was used in reclamation. The Sunnyside Mine was a Pre-law site and very little topsoil was saved.

**4.a Hydrologic Balance: Diversions**

The diversions were stable with minor erosion in places.

**4.c Hydrologic Balance: Other Sediment Control Measures**

The site was pocked for sediment control.

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

The slurry piles and refuse piles were transfer to Sunnyside Co-Gen. Sunnyside Co-Gen has a DOGM permit for these areas and is mining them.

**8. Noncoal Waste**

The reclaimed areas are generally clear of non-coal waste materials.

**10. Slides and Other Damage**

No slides were noticed during the inspection.

**12. Backfilling And Grading**

The site was backfilled and graded. I did not see any major signs of erosion near the old rail loadout area.

**13. Revegetation**

The majority land is covered with mostly sage brush. There are other areas that have grasses.

**18. Support Facilities, Utility Installations**

The building at the Sunnyside reclaim site is in total disrepair. The buildings have been vandalized countless times. Windows are broken and doors to building are open. The Division gave this portion of Sunnyside Mine to a company and given Phase III bond release as an Industrial site.



# 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:	C0070011
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, September 24, 2013
Start Date/Time:	9/24/2013 10:00:00 AM
End Date/Time:	9/24/2013 3:00:00 PM
Last Inspection:	Thursday, August 01, 2013

Representatives Present During the Inspection:	
Company	Dana Jenkins
OGM	Steve Demczak

Inspector: Steve Demczak

Weather: Sunny, 60's

InspectionID Report Number: 3630

Accepted by:

Permittee: **HIAWATHA COAL CO INC**  
 Operator: **HIAWATHA COAL CO INC**  
 Site: **HIAWATHA MINE**  
 Address: **PO BOX 1240, HUNTINGTON UT 84528**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

### Current Acreages

12,177.00	<b>Total Permitted</b>
290.00	<b>Total Disturbed</b>
95.90	<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:

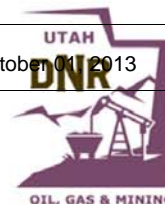
The slurry Pile #1 is almost mined out of coal fines. The lower corner of the slurry pile still has some coal fines that could be mined. The permittee is now mining slurry cell #5A. There were no mining of coal fines during the inspection. I am guessing that at the current rate of mining, slurry cell #5 could be mined out by the end of the year. These two sites could be reclaimed once the coal fines have been mined.

The permittee is continuing having problems keeping the Middle Fork Road open. Last year's forest fire is causing mud and debris to plug or bypass a culvert at the bottom of middle fork road. The permittee has been cleaning the road each time there is a rain storm. I could not inspect Middle Fork Canyon because of the road being closed due to mud and debris covering the road.

Inspector's Signature:

Steve Demczak,  
Inspector ID Number: 39

Date Tuesday, October 01, 2013



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**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

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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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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"/>
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11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input 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"/>



## **2. Signs and Markers**

The identification signs are next to the roads to the mine site. The identification sign meets the minimum requirements of the R645 Coal Rules.

## **3. Topsoil**

The topsoil piles were stable with no signs of wind and water erosion. The topsoil pile in South Fork Canyon is well vegetated.

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

The diversions were opening and functioning as designed. The only diversion that was not functioning correctly is the lower diversions in Middle Fork Canyon. This section of road is continuously closed due to mud and sediment covering the road. This is caused by last year's forest fire above the road. I do not see any immediate end insight.

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

I inspected all sediment ponds except the one in Middle Fork Canyon. All sediment ponds did contain a small amount of water. No sediment pond was discharging during the inspection. All sediment ponds were stable with no signs of erosion.

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

The slurry Pile #1 is almost mined out of coal fines. The lower corner of the slurry pile still has some coal fines that could be mined. The permittee is now mining slurry cell #5A. There were no mining of coal fines during the inspection. I am guessing that at the current rate of mining, slurry cell #5 could be mined out by the end of the year. These two sites could be reclaimed once the coal fines have been mined. The highwall in slurry pond #1 were stable. I did not see any hazardous conditions during the inspection.



# 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>C0070012</b>
Inspection Type:	COMPLETE
Inspection Date:	Thursday, September 26, 2013
Start Date/Time:	9/26/2013 9:00:00 AM
End Date/Time:	9/26/2013 3:00:00 PM
Last Inspection:	Thursday, June 13, 2013

Representatives Present During the Inspection:	
Company	Patrick Collins
OGM	Steve Demczak

Inspector: Steve Demczak

Weather: Sunny, 60's

InspectionID Report Number: 3631

Accepted by:

Permittee: **NEVADA ELECTRIC INVESTMENT CO**  
 Operator: **NEVADA ELECTRIC INVESTMENT CO**  
 Site: **WELLINGTON PREPARATION PLANT**  
 Address: **PO BOX 337, SPRINGVILLE UT 84663**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

1,573.50	<b>Total Permitted</b>
392.00	<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:

Wellington is still inactive. There is a permittee transfer under review with the Division. The main focus for the new permittee would be to use this site for loading crude oil into rail cars.

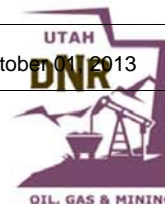
The new permittee appears not to be in the coal business. A large amount of the Wellington Preparation Plant area could be reclaimed. These areas have no purpose or need in the loading of crude oil.

The DOGM permit will expire on December 9, 2014. The bonding amount has been reduced. The new bonding amount is \$5153,000. This amount was revised on March 31, 2013 by the Division.

Inspector's Signature:

Steve Demczak,  
Inspector ID Number: 39

Date Tuesday, October 01, 2013



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

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	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"/>
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5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>
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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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **1. Permits, Change, Transfer, Renewal, Sale**

The Mining and Reclamation Permit will expire on December 9, 2014. The permittee has received a new UPDES Permit #UTG040010. This permit expires on April 30, 2013. The permittee has submitted the necessary paper work to request a new permit. This situation is happening to several of the mines in this area.

## **2. Signs and Markers**

Identification signs are posted at the gates to the property. Information meets the requirements of the R645 Coal Rules.

## **3. Topsoil**

There were no signs of wind or water erosion. The topsoil piles appear to be stable.

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

The diversions and culverts are open and stable. Wellington did receive a large amount of water from several rainstorms in the past couple of weeks.

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

Sediment ponds were inspected in the first quarter on April 24, 2013. No hazardous conditions were reported. I did not see any hazardous conditions during the inspection. All sediment ponds contained water. No sediment pond was discharging during the inspection.

## **4.d Hydrologic Balance: Water Monitoring**

Water monitoring was submitted to the Division for the second quarter of 2013. This information will be reviewed by the Division.

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

There were no discharges at the UPDES points for second quarter of 2013.

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

The refuse pile for the second quarter of 2013 was inspected by a P.E. on June 18, 2013. No hazardous conditions were reported. I inspected these piles and did not see any hazardous conditions. The piles appear to be stable with no major signs of erosion.

## **8. Noncoal Waste**

The site was clear of non-coal waste materials.

## **15. Cessation of Operations**

This site is inactive. The area around the train tracks most likely will be used for loading of crude oil in the near future.

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

Roads are still in good condition.

**19. AVS Check**

AVS checks are made at the Division in Salt Lake City.

**20. Air Quality Permit**

The Air Quality permit is DAQE-92.

**21. Bonding and Insurance**

The insurance policy will expire on 2/19, 2014. The policy is afforded by Colony Ins. Co.. The insurance accord form was reviewed and meets Division requirements. The bonding amount is \$5,153,000.



GARY R. HERBERT  
Governor

GREG BELL  
Lieutenant Governor

# 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:	C0070013
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, September 24, 2013
Start Date/Time:	9/24/2013 10:00:00 AM
End Date/Time:	9/24/2013 2:00:00 PM
Last Inspection:	Tuesday, August 27, 2013

Representatives Present During the Inspection:	
OGM	James Owen
Company	JD Leonard

Inspector: James Owen

Weather: clear, sunny, 75 degrees F

InspectionID Report Number: 3627

Accepted by:

Permittee: **UTAHAMERICAN ENERGY INC**  
 Operator: **UTAHAMERICAN ENERGY INC**  
 Site: **HORSE CANYON MINE**  
 Address: **PO BOX 910, EAST CARBON UT 84520-0910**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

### Current Acreages

5,992.07	<b>Total Permitted</b>
42.60	<b>Total Disturbed</b>
74.26	<b>Phase I</b>
74.26	<b>Phase II</b>
74.26	<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:

Arrived at the West Ridge mine unannounced. Mr. Marshall was not available so Mr. JD Leonard accompanied me on the inspection.

Inspector's Signature:

James Owen,  
Inspector ID Number: 62

Date Friday, September 27, 2013



**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.  
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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 checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### **1. Permits, Change, Transfer, Renewal, Sale**

The current DOGM permit remains valid through May 2016. The current UPDES permit (UTG040024) is valid through September, 2018.

### **2. Signs and Markers**

The Permittee had the proper identification signs in place. The ID signs were located at the point of access and included the name, address, telephone number, permit number and MSHA ID number. However, there have been issues with signs being displaced due to significant wind exposure. New signs, which are of a more sturdy design, will be placed. A purchase order was provided to show that the signs have been ordered for both ID and Topsoil stockpile signs. Disturbed area boundary, perimeter markers, and topsoil storage areas signs were correctly placed.

### **3. Topsoil**

Topsoil storage areas signs were correctly placed. No wind or water erosion was observed. No additional topsoil was placed and there was no topsoil reclamation taking place. No resources were leaving the topsoil area. Vegetative cover is protecting the topsoil stockpile as well as can be expected. The designed sediment control berm for the topsoil stockpile (identified in the MRP) is in place and functioning properly.

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

All diversions, ditches, and culverts are properly designed with certified drawings. Due to heavy rains, the ditch DD-8C is in need of repair and maintenance. Flows for this ditch are not functioning and designed. Mr. Leonard committed to addressing the issue as quickly as possible. The issues will need to be addressed before the next DOGM inspection or technical visit. Surface drainage maps are accurate and have been field-truth verified. Ditches and culverts were in need of general maintenance due to heavy runoff. All culverts ditches and sediment control measure are maintained and cleaned according to a regular schedule. A maintenance checklist is used and was provided to demonstrate diligence in environmental compliance.

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

Impoundments have been properly inspected (most recent inspection was complete 9-16-13). No hazards or signs of instability were identified at either Pond 1 or Pond 2 during the inspection. Both ponds contained water. All inlets and outlets were functional. The elevations at pond 1 and 2 are 5833.6 and 5834, respectively.

#### **4.c Hydrologic Balance: Other Sediment Control Measures**

A few silt fences needing maintenance were identified. Maintenance for sediment control measures and diversions needs to be completed by the next inspection.

#### **4.d Hydrologic Balance: Water Monitoring**

No UPDES parameters have been exceeded.



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

Both of the UPDES outfalls were reported as "no flow". The timeliness of each reporting period was in accordance with the permitted reporting criteria.

**5. Explosives**

The Permittee maintains Utah Surface Blaster Certification on file. The certified blaster on file is Dale G. Davis, certification #301. The certification expires on February 18, 2014. Explosive and detonator storage magazines are located on the surface facilities map; they are properly locked and properly maintained.

**6. Disposal of Excess Spoil, Fills, Benches**

No disposal of excess spoil, fills, or benches is taking place at this time.

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

There are no coal mine waste or refuse piles that require inspection or certification. Impoundments have been properly maintained, inspected and certified.

**8. Noncoal Waste**

No non-coal waste issues were identified during the inspection.

**9. Protection of Fish, Wildlife and Related Environmental Issues**

No wildlife was observed during the inspection. The permittee is minimizing disturbances and adverse impacts on fish and wildlife through wildlife mitigation measures and pinyon juniper removal.

**10. Slides and Other Damage**

No slides or damage were observed or reported.

**11. Contemporaneous Reclamation**

No contemporaneous reclamation is taking place.

**12. Backfilling And Grading**

No backfilling and grading is taking place.

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

Roads are properly maintained and surfacing is adequate. No compliance issues were identified.

**16.b Roads: Drainage Controls**

Road drainage controls and culverts were inspected. There was an 18" culvert that was replaced with a 24" one. Hydrology maps will need to be updated to show this change. Ditches and culverts were recently maintenance.

**17. Other Transportation Facilities**

Conveyor belt areas were inspected for identification of areas that require maintenance and general up-keep. Coal fines are being controlled through water sprays and regularly scheduled cleaning by vacuum. The coal fines areas looked exceptionally clean due to recent rain storms and regularly scheduled maintenance.

**18. Support Facilities, Utility Installations**

No issues were identified with support facilities or utility installations.

**19. AVS Check**

An AVS check revealed no issues.

**20. Air Quality Permit**

The current air quality allows the mine to produce 4.5 million tons/year. The mine is currently only producing a small fraction of that due to the fact that it is still in development stages.

**21. Bonding and Insurance**

The bond currently posted is adequate. The current liability insurance policy expires on 6/1/14.



**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>C0070016</b>
Inspection Type:	COMPLETE
Inspection Date:	Wednesday, September 25, 2013
Start Date/Time:	9/25/2013 10:30:00 AM
End Date/Time:	9/25/2013 11:00:00 AM
Last Inspection:	Wednesday, August 28, 2013

Inspector: Amanda Daniels,

Weather: Cool, 55F

InspectionID Report Number: 3626

Accepted by:

Permitee: **CANYON FUEL COMPANY**

Operator: **CANYON FUEL COMPANY**

Site: **GORDON CREEK 2, 7 & 8 MINES**

Address: **HC 35 BOX 380, HELPER UT 84526**

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **RECLAIMED**

**Current Acreages**

179.27	<b>Total Permitted</b>
34.15	<b>Total Disturbed</b>
32.52	<b>Phase I</b>
32.52	<b>Phase II</b>
0.73	<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:**

The site has received significant precipitation recently. The main creek shows evidence of flow.

**Inspector's Signature:**

Amanda Daniels,  
Inspector ID Number: 67

**Date** Thursday, September 26, 2013



**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 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 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**2. Signs and Markers**

Company and permit information displayed as required, sign should probably be updated so that the information is more legible.

**4.a Hydrologic Balance: Diversions**

Evidence of significant amounts of flow recently.

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

Jacob's pond was full. The pond was inspected by the permittee on May 6, 2013. The pond appears stable and was not discharging during the inspection.



# 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>C0070016</b>
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, August 28, 2013
Start Date/Time:	8/28/2013 10:30:00 AM
End Date/Time:	8/28/2013 11:00:00 AM
Last Inspection:	Wednesday, July 31, 2013

Inspector: Amanda Daniels,

Weather: Cool, Wet

InspectionID Report Number: 3625

Accepted by:

Permitee: **CANYON FUEL COMPANY**  
 Operator: **CANYON FUEL COMPANY**  
 Site: **GORDON CREEK 2, 7 & 8 MINES**  
 Address: **HC 35 BOX 380, HELPER UT 84526**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **RECLAIMED**

### Current Acreages

179.27	<b>Total Permitted</b>
34.15	<b>Total Disturbed</b>
32.52	<b>Phase I</b>
32.52	<b>Phase II</b>
0.73	<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:**

The facility was wet and muddy, Jacob's pond was full.

**Inspector's Signature:**

Amanda Daniels,  
Inspector ID Number: 67

**Date** Thursday, September 10, 2013



**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.
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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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input checked="" 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 checked="" 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"/>

**2. Signs and Markers**

Facility information was properly displayed and the gate was locked.

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

Jacob's pond was full.

**4.d Hydrologic Balance: Water Monitoring**

Water monitoring data has been updated as required in the DOGM permit.

**13. Revegetation**

The site was very wet and muddy, but the vegetation appears to have held up to the weather well.





# 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>C0070019</b>
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, September 11, 2013
Start Date/Time:	9/11/2013 7:30:00 AM
End Date/Time:	9/11/2013 12:30:00 PM
Last Inspection:	Thursday, August 22, 2013

Representatives Present During the Inspection:	
OGM	Karl Houskeeper

Inspector: Karl Houskeeper

Weather: Overcast, Temp 67 Deg. F.

InspectionID Report Number: 3604

Accepted by: jhelfric  
9/26/2013

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

#### Current Acreages

6,516.91	<b>Total Permitted</b>
47.19	<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:

Checked in at the main office located at the West Ridge Mine. JD Leonard and Jay Marshall were not available.

**Inspector's Signature:**

Karl Houskeeper,  
Inspector ID Number: 49

**Date** Wednesday, September 11, 2013



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

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	Evaluated	Not Applicable	Comment	Enforcement
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2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input 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"/>
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5. Explosives	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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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"/>

## **2. Signs and Markers**

The Mine identification signs are in place and contain the required information.

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

The undisturbed culvert inlet located behind the oil storage area is filled with material . Left a voice Mail for JD Leonard to inform him of the needed maintenance. Contacted personnel on site (Scamp) work was scheduled to take place that afternoon.

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

The sediment ponds have water in them from the recent storm events.



# 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:	C0070019
Inspection Type:	PARTIAL
Inspection Date:	Thursday, September 26, 2013
Start Date/Time:	9/26/2013 9:00:00 AM
End Date/Time:	9/26/2013 1:10:00 PM
Last Inspection:	Thursday, June 20, 2013

Representatives Present During the Inspection:	
OGM	Priscilla Burton
OGM	Pete Hess
Company	Jay Marshall

Inspector: Pete Hess.

Weather: Clouds; windy and cold.

InspectionID Report Number: 3628

Accepted by:

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

#### Current Acreages

6,516.91	<b>Total Permitted</b>
47.19	<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:

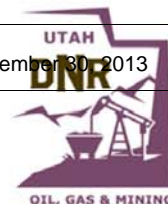
This inspection was conducted to inspect the progress made on the reclamation of the gob gas vent holes above the Aberdeen Mine since June 20, 2013.

The Bookcliffs area had received several heavy rainfall events in the past several weeks and UEI had to have Scamp Excavation re-open the access to the upper elevations twice. All of the stock ponds observed were full. Quite a few cattle were observed, although some of them are starting their way down the mountain.

Inspector's Signature:

Pete Hess,  
Inspector ID Number: 46

Date Monday, September 30, 2013



**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 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 type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" 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**

The Permittee submitted an application to the US Department of the Interior / Bureau of Land Management / Salt Lake State Office on August 30, 2013 to apply for partial lease relinquishment for Federal coal leases SL-027304, SL-063058, UTU-010581, UTU-66060, and all of Federal lease UTU-79975. The Division expressed a concern to Utah American Energy about the open vent bores in Panel 10. Mr. Marshall explained that the open vents are still needed to prevent gas pressure build-up behind the gate road seals in the Mine. It is Mr. Marshalls intent to submit a modification to the lease relinquishment application so the the open vent holes in Panel 10 will be retained within the new LBA which is being prepared for development on the west side of the Abendeen Mines main entries.

### **3. Topsoil**

As observed during todays inspection, topsoil was being spread on GVH site 5A by dozer, with the intent of a straw mulch application being completed this day. Well site GVH 6A still has equipment on it, but UEI / Scamp Excavation intend to finish up the grading before the end of this fall. Straw has been spread where grading has been completed. Cheat grass in the 6A area has emerged, and the spraying of this weed with a pre-emergence herbicide was discussed with Mr. Marshall and Jerry Crips of Scamp Excavation. The spraying of the cheat grass on 6A will be delayed until August of 2014, per Division instruction. Well GVH-11 has just had the straw mulch applied; crimping and seeding will follow after well site 6A is completed. Well GVH-12 has had the topsoil spread; a straw mulch application and seeding are still needed. GVH 13 has also had the topsoil spread over the disturbed area; it also needs to have the straw mulch and seeding completed. GVH-3 has solar panels and other gas collection equipment on site. It is producing gas at this time. The topsoil has been spread about most of the disturbed area; The spread soil contains a lot of rock which will help dissipate rain drops during any event. The spreading of straw mulch and seed are still needed at this site.

### **12. Backfilling And Grading**

All rough grading has been completed at the numerous well sites.

### **13. Revegetation**

As noted elsewhere, seeding of the well sites where the top soil has been spread is still ongoing. All well sites should be completed as far as seeding prior to the onset of winter weather conditions.

### **14. Subsidence Control**

There were no subsidence issues identified at any of the well sites visited this day.

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



# 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:	C0070020
Inspection Type:	PARTIAL
Inspection Date:	Thursday, September 26, 2013
Start Date/Time:	9/26/2013 9:30:00 AM
End Date/Time:	9/26/2013 12:30:00 PM
Last Inspection:	Tuesday, August 13, 2013

Representatives Present During the Inspection:	
Company	Kit Pappas
OGM	Karl Houskeeper

Inspector: Karl Houskeeper

Weather: Partly Cloudy, Temp. 54 Deg. F.

InspectionID Report Number: 3620

Accepted by:

Permittee: **HIDDEN SPLENDOR RESOURCES**  
 Operator: **HIDDEN SPLENDOR RESOURCES**  
 Site: **HORIZON MINE**  
 Address: **57 WEST 200 SOUTH, SUITE 400, SALT LAKE CITY UT 84101**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

1,577.00	<b>Total Permitted</b>
9.50	<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:

Security Guard on site during the inspection.

Inspector's Signature:

Karl Houskeeper,  
Inspector ID Number: 49

Date Thursday, September 26, 2013



**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**

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	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



## **2. Signs and Markers**

The mine identification sign was observed as part of the partial inspection. The sign is placed at the entrance into the mining permit area. M The sign contains all of the required information required by regulations.

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

The main diversion to the side of the Office area is open and functional/

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

The water level in the sediment pond is near the spill way, but has not discharge. The pond has received water from recent storm events.

## **22. Other**

Some of the five gallon cans of oil and grease have been removed since the previous inspection. About three and a half pallets remains on site. The containers have been gathered and organized neatly onto wooden pallets.



# 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>C0070022</b>
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, September 10, 2013
Start Date/Time:	9/10/2013 9:00:00 AM
End Date/Time:	9/10/2013 1:00:00 PM
Last Inspection:	Wednesday, August 14, 2013

Representatives Present During the Inspection:	
Company	Victor Fausett
OGM	Steve Demczak

Inspector: Steve Demczak

Weather: Cloudy, 70's

InspectionID Report Number: 3607

Accepted by:

Permitee: **SAVAGE SERVICES CORP**  
 Operator: **SAVAGE SERVICES CORP**  
 Site: **SAVAGE COAL TERMINAL**  
 Address: **6340 S 3000 E STE 600, SALT LAKE CITY UT 84121**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

153.46	<b>Total Permitted</b>
132.50	<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:

The railroad spur has been graded and track will be laid in the near future. The track is on site. The addition track spur will be used for loading of crude oil.

The haul roads were muddy with several trucks unloading coal during the inspection.

The preparation plant was idle.

The Savage site has been receiving several days of rainfall. There are several diversions and culverts which sediment has started to build-up within.

Inspector's Signature:

Steve Demczak,  
Inspector ID Number: 39

Date Monday, September 16, 2013



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
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	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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" 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 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 checked="" 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**

The current DOGM permit for C/007/022 remains in effect through August 6, 2014. The SPCC plan was last certified by Mr. Dan Guy, P.E., in March of 2010. The Air Quality Permit is DAQE-AN11793000-7-08.

## **2. Signs and Markers**

Identification sign was at gate to permit area. The information meets the minimum requirements of the R645 Coal Rules.

## **3. Topsoil**

The topsoil pile has been receiving heavy rains for several days. I did not see any signs of water erosion.

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

All diversions were functioning but many now need cleaned out since the recent rainfall. Coal fines have started to fill up the diversions and culverts. Permittee has stated that they will degrade diversions and clean out the culverts.

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

All sediment ponds did contain water due to the recent rainstorms. No sediment pond was discharging during my inspection. No hazardous conditions were noticed during the inspection. The sediment ponds were inspected on June 18, 2013 by Dan Guy. No hazardous conditions were reported. This was the second quarter sediment pond inspection.

## **4.d Hydrologic Balance: Water Monitoring**

The water monitoring information is reviewed in Salt Lake City.

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

There were no discharges of water from the sediment ponds for the second quarter of 2013. All UPDES reports had no discharge. The site did not discharge for the first quarter of 2013. The permittee has submitted for a new UPDES Permit. The current permit has expired and waiting for a new one to be issued. The permittee submitted the necessary information to Water Quality in a timely manner.

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

The refuse pile was inspected by Dan Guy on June 18, 2013. No hazardous conditions were reported. The refuse pile is small. Maybe there are two semi trucks of material. I did not see any hazardous conditions to the refuse pile.

## **8. Noncoal Waste**

The site was clear of non-coal waste materials.

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

The roads were muddy with no dust control problems.

**16.b Roads: Drainage Controls**

Road drainage was functioning as designed. Some culverts and diversions will need to be cleanout due to the recent rainstorms.

**21. Bonding and Insurance**

The Permittee provided the Division with a general liability insurance re-newal form on April 1, 2013 from Marsh USA Risk and Insurance Services. The coverage will automatically re-new on April 1, 2014. Coverage amounts for each occurrence and general aggregate categories are adequate. Coverage for explosives damage is not specifically excluded. The cancellation clause meets the Division notification requirements contained within the policy. The posted bond amount to ensure reclamation of this site is \$ 2,525,000. The surety (Liberty Mutual Insurance Company) has an A.M. Best rating of "A", as of December 31, 2010.



# 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>C0070033</b>
Inspection Type:	COMPLETE
Inspection Date:	Wednesday, September 25, 2013
Start Date/Time:	9/25/2013 11:30:00 AM
End Date/Time:	9/25/2013 12:30:00 PM
Last Inspection:	Wednesday, August 28, 2013

Representatives Present During the Inspection:
OGM Amanda Daniels

Inspector: Amanda Daniels,

Weather: Cool, 55F

InspectionID Report Number: 3623

Accepted by:

Permitee: **INTERMOUNTAIN POWER AGENCY**  
 Operator: **AMERICA WEST RESOURCES, INC.**  
 Site: **WILDCAT LOADOUT**  
 Address: **3266 SOUTH 125 WEST, PRICE UT 84501**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

100.00	<b>Total Permitted</b>
78.45	<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:

The facility was loading a coal train at the time of the inspection. Coal trucks were also delivering coal. The site was wet and there was evidence of recent rain events. All of the sediment control ponds contained water and Pond D discharged once in September.

Inspector's Signature:

Amanda Daniels,  
Inspector ID Number: 67

Date Thursday, September 26, 2013



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
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	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 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 checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **2. Signs and Markers**

Facility information displayed at the main entrance to the site.

## **3. Topsoil**

Topsoil piles are properly marked and berms around the piles were well maintained.

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

Diversions throughout the site appeared to be clear of debris.

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

All sediment control ponds contained water. Ponds and impoundments were inspected by T. Paluso on June 26, 2013.

## **4.d Hydrologic Balance: Water Monitoring**

Sediment ponds do not typically discharge, but on the morning of Sept. 9, 2013, it was observed that Pond D had discharge the day before (Sunday) but no one was at the facility so a sample was not taken. The Gordon Creek area had experienced flash flooding at the same time. The facility should update the UPDES permit with DEQ. DEQ sent a letter to the permittee and sent a copy to the Division informing the permittee that the permit needs to be updated since the facility is now trans-loading oil as well as loading coal. The letter noted that this may require some updates to the sediment control ponds.

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

Refuse piles were inspected and certified by T. Paluso on June 26, 2013, no problems were noted.

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

Roads appeared to be well maintained.

## **16.b Roads: Drainage Controls**

Ditches along the roads were free of debris.

## **20. Air Quality Permit**

The Air Quality permit held by the permittee allows for 5.5 million tons of coal throughput in a 12 month period, a copy is kept on had at the facility.

## **21. Bonding and Insurance**

The facility is self-insured.





# 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>C0070035</b>
Inspection Type:	COMPLETE
Inspection Date:	Thursday, September 19, 2013
Start Date/Time:	9/19/2013 8:30:00 AM
End Date/Time:	9/19/2013 12:03:00 PM
Last Inspection:	Wednesday, August 14, 2013

Representatives Present During the Inspection:	
Company	Rusty Netz
OGM	Karl Houskeeper

Inspector: Karl Houskeeper

Weather: Clear Skies, Temp. 60 Deg. F.

InspectionID Report Number: 3616

Accepted by:

Permitee: **SUNNYSIDE COGENERATION ASSOCIATES**  
 Operator: **SUNNYSIDE COGENERATION ASSOCIATES**  
 Site: **SUNNYSIDE REFUSE & SLURRY**  
 Address: **PO BOX 159, SUNNYSIDE UT 84539**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

241.25	<b>Total Permitted</b>
196.65	<b>Total Disturbed</b>
5.35	<b>Phase I</b>
5.35	<b>Phase II</b>
5.35	<b>Phase III</b>

#### Mineral Ownership

- Federal
- State
- County
- Fee
- Other

#### Types of Operations

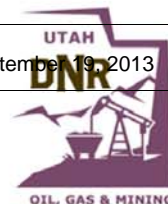
- Underground
- Surface
- Loadout
- Processing
- Reprocessing

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

Inspector's Signature:

Karl Houskeeper,  
Inspector ID Number: 49

Date Thursday, September 19, 2013



**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](http://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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input checked="" 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 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **1. Permits, Change, Transfer, Renewal, Sale**

The following permits were reviewed in conjunction with the complete inspection::

- Mining permit C/007/042 issued November 14, 2013 and expires November 14, 2018.
- UPDES permit #UT0024759 effective July 1, 2013 and expires @ midnight June 30, 2018.
- Air Quality Permit DAQO-702038-02 issued November 1, 2002, remains in effect.
- SPCC plan is only applicable to plant site which is not within the permit area.
- Certificate of Insurance effective 08/01/2013 and terminates 08/01/2014.
- Reclamation agreement is dated December 1996 and signed by both parties.

## **2. Signs and Markers**

The mine identification is posted on a power pole at the entrance into the permit area. The sign is near the fuel area that Savage Trucking utilizes. The sign contained all of the information required by regulations found under the R645 Utah Coal Rules .

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

The sediment ponds were inspected for the Second Quarter of 2013 on June 27, 2013. A report was compiled and P.E. certified. Existing sediment levels for all of the sediment ponds was found below the 60% sediment elevation level, which requires that a pond be cleaned.

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

The discharge monitoring reports for May, June and July 2013 were reviewed as part of the complete inspection. The reports showed that no discharge occurred in any of the months listed from any of the sediment pond outfalls. The reports were submitted to the State of Utah Department of Environment Quality.

## **6. Disposal of Excess Spoil, Fills, Benches**

The excess spoil piles #1 and #2 were inspected on June 27, 2013 for second quarter 2013. A report was compiled and P.E. certified. The reports did not show any problem with either excess spoil pile. Excess spoil pile #2, phase #2 is the pile that is being actively utilized. The depression in this pile has been completely filled in.

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

The second quarter 2013 refuse pile inspection was done on June 27, 2013 and has been P.E certified.

Permit Number: C0070035  
Inspection Type: COMPLETE  
Inspection Date: Thursday, September 19, 2013

**20. Air Quality Permit**

DAQ-702038-02 issued November 1, 2002, remains in effect. Air Quality Permit DAQE-691-99 issued August 13, 1999 was replaced by DAQO-702038-02. The permit was modified to allow the usage of a diesel generator on the power plant site. The Air Quality Permit covers both the power

**21. Bonding and Insurance**

A Pledge and Escrow agreement dated January 4, 2002 is in place. The escrow agency is Wells Fargo for SCA. SCA has invested \$1,780,250.19 in federally guaranteed Treasury Notes as of December 31, 2006. The required bond amount is \$1,720,000.



# 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:	C0070038
Inspection Type:	PARTIAL
Inspection Date:	Monday, September 16, 2013
Start Date/Time:	9/16/2013 11:00:00 AM
End Date/Time:	9/16/2013 4:00:00 PM
Last Inspection:	Tuesday, August 20, 2013

Representatives Present During the Inspection:	
Company	Dennis Ware
OGM	Steve Demczak

Inspector: Steve Demczak

Weather: Cloudy, 70's

InspectionID Report Number: 3612

Accepted by: jhelfric  
9/26/2013

Permitee: **PLATEAU MINING CORP**  
 Operator: **PLATEAU MINING CORP**  
 Site: **WILLOW CREEK MINE**  
 Address: **PO BOX 30, HELPER UT 84526-0030**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

14,662.49	<b>Total Permitted</b>
95.40	<b>Total Disturbed</b>
187.85	<b>Phase I</b>
187.85	<b>Phase II</b>
92.45	<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:

Willow Creek Mine has received Phase II bond release on August 15, 2012 by the Division. The only area which did not receive Phase II bond release was the Shaft area at Crandall Canyon. This area was disturbed for backfilling the shaft.

The permittee had a survey conducted on the shaft area in November 2012. The area settled 1.2 feet in three years. The shaft will be surveyed annually to check for subsidence of the shaft area. The shafts appear to be stable and no change since the last inspection.

The Willow reclaim site received high intensity rainstorm recently. It has caused three diversions to erode severely. The permittee will need to reconstruct the diversions. The permittee will contact the power plant and Price City Water Plant for rain amounts. They are adjacent to the Willow Creek reclaim site. It is possible that the storm exceeded the design of the diversions.

No violations were issued.

Inspector's Signature:

Steve Demczak,  
Inspector ID Number: 39

Date Tuesday, September 17, 2013



**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.
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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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input 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"/>

## **2. Signs and Markers**

I inspected identification signs at the gate to Crandall Canyon, the topsoil barrow area along highway US 50-6, and next to the road along Indian Canyon. The signs meet the minimum requirements of the R645 Coal Rules.

## **3. Topsoil**

The topsoil was stable after the recent high intensity rainstorms. There were no signs of rilling on the reclaim site. The only vegetation that was removed was within the diversions.

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

The diversions were eroded at the Willow Creek reclaim area. The rip rap was moved and redeposit throughout the channels. The permittee is in the process of contacting a consulting firm to determine the storm event and to redesign the diversions. The permittee will also contact Willow Creeks neighbor's to see if they have information about the recent rainstorms.

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

A diversion running through the center of the refuse pile was eroded and into the refuse material. The permittee will repair the diversion. This event may have exceeded the required design standards.

## **8. Noncoal Waste**

The site was clear of non-coal waste materials.



# 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:	C0070039
Inspection Type:	PARTIAL
Inspection Date:	Friday, September 06, 2013
Start Date/Time:	9/6/2013 9:00:00 AM
End Date/Time:	9/6/2013 11:30:00 AM
Last Inspection:	Tuesday, August 20, 2013

Representatives Present During the Inspection:	
OGM	Priscilla Burton
Company	Robert Jones

Inspector: Priscilla Burton,

Weather: sun 75F

InspectionID Report Number: 3601

Accepted by: jhelfric

9/12/2013

Permitee: **CANYON FUEL COMPANY**  
 Operator: **CANYON FUEL COMPANY**  
 Site: **DUGOUT CANYON MINE**  
 Address: **PO BOX 1029, WELLINGTON UT 84542**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

9,801.00	<b>Total Permitted</b>
108.70	<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

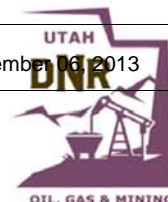
#### Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Observed progress of site G22 and site G17 reclamation. I was accompanied by Rob Jones, Mining Engineer with Dugout. Thayne Excavation (Dilbert and Trent Thayne and crew) were working at both pads.

Inspector's Signature:

Priscilla Burton,  
Inspector ID Number: 37

Date Friday, September 06, 2013





**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
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	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input 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"/>

### **3. Topsoil**

Topsoil was being excavated from G17 for use on the G22 access road. Approximately 1/3 of the topsoil had already been spread over site G22.

### **4.c Hydrologic Balance: Other Sediment Control Measures**

Silt fence has been removed from around site G22.

### **9. Protection of Fish, Wildlife and Related Environmental Issues**

Site G 22 is fenced.

### **12. Backfilling And Grading**

Site G22 has been brought back to AOC. Approximately one foot of topsoil was applied and the the surface is pocked. A small turnaround for OHV's will be left at site G22.

### **13. Revegetation**

Hand mulch and hand seeding will follow at site G 22. We discussed the application of mulch. The landowner indicated coverage was minimal with the current application rate, and more should be applied. The MRP states that 1T/ac of mulch will be applied, which translates into a 50 lb bale for every 30 sq ft. Additional mulch could be applied to the surface. Pocking depth was discussed with optimum depth being 18 - 24 inches. Inclusion of Triticale seed was recommended for steep slope reclamation likely to be encountered on access roads.



**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>C0070039</b>
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, September 18, 2013
Start Date/Time:	9/18/2013 9:00:00 AM
End Date/Time:	9/18/2013 3:00:00 PM
Last Inspection:	Tuesday, August 06, 2013

Representatives Present During the Inspection:	
Company	David Spillman
OGM	Steve Demczak

Inspector: Steve Demczak  
 Weather: Sunny, 60's  
 InspectionID Report Number: 3629  
 Accepted by:

Permitee: **CANYON FUEL COMPANY**  
 Operator: **CANYON FUEL COMPANY**  
 Site: **DUGOUT CANYON MINE**  
 Address: **PO BOX 1029, WELLINGTON UT 84542**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

**Current Acreages**

9,801.00	<b>Total Permitted</b>
108.70	<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:**

Dugout Canyon is producing coal with one miner section. There is a possibility that a second section maybe activated if approved by upper management.

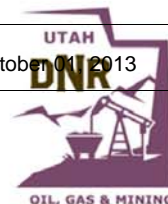
Dugout has plans to reclaim several de-gas pads and roads this year.

I did not see coal trucks being loaded out today. There was a big stock pile of coal at the mine.

**Inspector's Signature:**

Steve Demczak,  
 Inspector ID Number: 39

**Date** Tuesday, October 01, 2013



**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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>

## **2. Signs and Markers**

I reviewed the identification signs at the mine, the information on the sign meeting the minimum requirements of the R645 Coal Rules. It is next to the gate entering the mine site. There are also identification signs at the refuse pile and topsoil pile. The information is the same on all signs.

## **3. Topsoil**

I inspected the refuse piles during the inspection. They were stable with no signs of wind or water erosion. The topsoil piles did have some vegetative cover.

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

The permittee did do a good job of maintaining the culverts and diversions . The mine site had several rainstorms in the past few days. The diversions and culverts were open and functioning as designed.

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

The sediment pond did contain a large amount of water. It was not discharging at the time of the inspection. No hazardous conditions were noticed during the inspection. The slopes appeared to be stable.

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

I inspected the refuse pile and the sediment next to the refuse pile. I did not see any hazardous conditions to these structures. Both structures appear to be stable. The sediment pond was not discharging water.

## **8. Noncoal Waste**

The mine site was clear of non-coal waste materials.

## **16.b Roads: Drainage Controls**

Road drainages were functioning as designed. Diversions and culverts were open.

## **18. Support Facilities, Utility Installations**

There were no new support facilities since the last inspection.



# 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:	C0070041
Inspection Type:	PARTIAL
Inspection Date:	Thursday, September 12, 2013
Start Date/Time:	9/12/2013 9:00:00 AM
End Date/Time:	9/12/2013 3:00:00 PM
Last Inspection:	Wednesday, August 07, 2013

Representatives Present During the Inspection:	
Company	Jay Marshall
OGM	Steve Demczak

Inspector: Steve Demczak

Weather: Cloudy, 60's

InspectionID Report Number: 3608

Accepted by: jhelfric

9/26/2013

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: **ACTIVE**

#### Current Acreages

8,080.58	<b>Total Permitted</b>
31.24	<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:

The mine was producing coal during the inspection.

Coal trucks were in the process of get loaded with coal.

I checked the outlet of mine water monitoring book at the foremans office. The reports were up to date as required.

The permittee will have to submit for permit renewal 90 days prior to Mining and Reclamation Permit expires. Permit expires on April 1, 2014

Inspector's Signature:

Steve Demczak,  
Inspector ID Number: 39

Date Monday, September 16, 2013



**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.
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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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 checked="" 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"/>

## **2. Signs and Markers**

The Identification sign is located at the main gate to the property. The sign meets the minimum requirements of the R645 Coal Rules.

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

The diversions will need some cleaning due to the recent rainfalls for the past several days. The permittee has committed in cleaning the diversions out. The diversions are functioning as designed.

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

The sediment pond upper and lower cell contained water. Most of the water was from the recent rainstorms. The sediment ponds were not discharging and are unlikely they will discharge.

### **4.d Hydrologic Balance: Water Monitoring**

I inspected the water discharge by the main office. The water was clear coming out of the culvert.

## **8. Noncoal Waste**

The mine site was clear of non-coal waste materials.

### **16.b Roads: Drainage Controls**

The road diversions were functioning as design. Some minor maintenance will be needed due to sediment build up in some segments of the diversion.

## **18. Support Facilities, Utility Installations**

There are no new support facilities since the last inspection.





# 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>C0070042</b>
Inspection Type:	COMPLETE
Inspection Date:	Thursday, September 19, 2013
Start Date/Time:	9/19/2013 12:30:00 PM
End Date/Time:	9/19/2013 3:00:00 PM
Last Inspection:	Wednesday, August 14, 2013

Representatives Present During the Inspection:	
Company	Rusty Netz
OGM	Karl Houskeeper

Inspector: Karl Houskeeper

Weather: Clear Skies, Temp. 60 Deg. F.

InspectionID Report Number: 3617

Accepted by:

Permitee: **SUNNYSIDE COGENERATION ASSOCIATES**  
 Operator: **SUNNYSIDE COGENERATION ASSOCIATES**  
 Site: **STAR POINT REFUSE**  
 Address: **PO BOX 159, SUNNYSIDE UT 84539**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

152.93	<b>Total Permitted</b>
152.93	<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

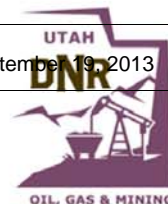
- Underground
- Surface
- Loadout
- Processing
- Reprocessing

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

Inspector's Signature:

Karl Houskeeper,  
Inspector ID Number: 49

Date Thursday, September 19, 2013



**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.
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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 checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input checked="" 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 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 following permits were reviewed in conjunction with the complete inspection::

- Mining permit C/007/042 issued November 14, 2008 and expires November 14, 2013.
- UPDES permit #UTG040025 effective September 1, 2013 and expires @ midnight August 31, 2018.
- Air Quality Permit DAQE-239-02 issued April 1, 2002, remains in effect.
- SPCC plan is not required.
- Certificate of Insurance effective 08/01/2013 and terminates 08/01/2014.
- Reclamation agreement is dated October 14, 2003 and signed by both parties.

## **2. Signs and Markers**

The following permits were reviewed in conjunction with the complete inspection::

- Mining permit C/007/042 issued November 14, 2008 and expires November 14, 2013.
- UPDES permit #UTG040025 effective May 1, 2008 and expires midnight April 30, 2013 (under general permit UTG040000). Temporarily extended until new permit is issued.
- Air Quality Permit DAQE-239-02 issued April 1, 2002, remains in effect.
- SPCC plan is not required.
- Certificate of Insurance effective 08/01/2011 and terminates 08/01/2012.
- Reclamation agreement is dated October 14, 2003 and signed by both parties.

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

The sediment ponds were inspected during the Second Quarter of 2013 on June 27, 2013. A report from this inspection was compiled and then P.E. certified. The reports were checked to make sure that all existing sediment elevations are below the 60% sediment elevation. Once the sediment level reached the 60% sediment level the pond is required to be cleaned.

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

The discharge monitoring reports for May, June and July 2013 were reviewed as part of the complete inspection. The reports and submittal letter to the State of Utah Division of Environmental Quality shows that no discharge occurred from any of the outfalls during the listed month.

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

The refuse pile was inspected during the Second Quarter of 2013 on June 27, 2013. A report was compiled and P.E. certified. No problems were noted.



# 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:	X0070044
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, September 03, 2013
Start Date/Time:	9/3/2013 12:22:00 PM
End Date/Time:	9/3/2013 12:40:00 PM
Last Inspection:	Thursday, August 01, 2013

Representatives Present During the Inspection:	
OGM	Pete Hess

Inspector: Pete Hess,

Weather: Hot, cumulo nimbus clouds building

InspectionID Report Number: 3599

Accepted by: jhelfric

9/5/2013

Permittee: **HIDDEN SPLENDOR RESOURCES**

Operator:

Site: **COLUMBIA WELL SITE**

Address: **57 WEST 200 SOUTH, SUITE 400, SALT LAKE CITY UT 84101**

County: **CARBON**

Permit Type: **COAL EXPLORATION SMALL**

Permit Status: **PROPOSED**

#### Current Acreages

	<b>Total Permitted</b>
	<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:

The site remains unchanged.

The Division has not received any response from Mr. Brent Davies, Manager of C & P Coal Associates (owners of the Columbia Mine) relative to the water / exploration well.

Inspector's Signature:

Pete Hess,

Inspector ID Number: 46

Date Tuesday, September 03, 2013



**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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**4.c Hydrologic Balance: Other Sediment Control Measures**

The site appears to have received rainfall within the last 24 hours, although none of the depressions on the reclaim site contained water. There are a few very minor rills between the depression areas, but no water is reporting off site.

**4.d Hydrologic Balance: Water Monitoring**

There was no visible flow in Horse Canyon Creek at the Emery County bridge. There was a trickle exiting the road culvert at the Range Creek / Turtle Canyon road junction. The upper or facilities pond at the Geneva Mine contained water; the elevation of the volume was well below the elevation for discharge of the open channel culvert spillway.

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

The Horse Canyon road is getting in rough shape. According to Devan (Range Creek security officer) the area has received six large events during the summer of 2013. Areas where flow crosses the road are washing out, and the outside edge of the road is being extensively cut in several locations.

**19. AVS Check**

The status of the bankruptcy proceedings with America West Resources, LLC is unknown at this time. Hence it is unknown whether the lease with the option to buy agreement of the Columbia Mine (and this exploration well) is still in effect.

**21. Bonding and Insurance**

The Division has a \$ 6,500 cash bond in place to plug the Columbia well.



# 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:	C0070045
Inspection Type:	PARTIAL
Inspection Date:	Monday, September 09, 2013
Start Date/Time:	9/9/2013 9:08:00 AM
End Date/Time:	9/9/2013 9:42:00 AM
Last Inspection:	Wednesday, August 14, 2013

Representatives Present During the Inspection:	
OGM	Pete Hess

Inspector: Pete Hess.

Weather: Rain overnite;overcasr: some fog in valley. 59 F.

InspectionID Report Number: 3602

Accepted by: jhelfric  
9/12/2013

Permittee: **HEADWATERS ENERGY SERVICES**  
 Operator: **HEADWATERS ENERGY SERVICES**  
 Site: **COVOL SITE**  
 Address: **10653 SOUTH RIVER FRONT PARKWAY, SUITE 300, SOUTH JORDAN UT 840**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

30.00	<b>Total Permitted</b>
30.00	<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:

The site was receiving feed coal this day.  
 Mechanics were installing an extension on the telescoping drop tube on the raial stacker.

The plant was not processing today. Mr. Kyle Edwards represented the Permittee and the Permit Applicant during today's inspection. No compliance issues were identified.

Inspector's Signature:

Pete Hess,  
 Inspector ID Number: 46

Date Monday, September 09, 2013



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

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	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 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" 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 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 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 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**

Bowie Resources, LLC submitted a permit transfer application for the COVOL site on July 31, 2013. That application (Task ID # 4388) was returned as deficient. A response is due September 20, 2013.

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

All diversions appeared capable of functioning as designed.

### **4.c Hydrologic Balance: Other Sediment Control Measures**

BTCA area #2 located in the SW corner of the permit area utilizes excelsior logs as the method to treat sheet flow precipitation. There was no pooled water in this area; all rainfall appears to have been soaked into the soil. The excelsior logs appear to be functioning as designed. ASCA 1 (located along the western perimeter fence) uses a one foot berm to prevent runoff from leaving the permit area. No breaches were observed in the berm; no water was pooled in the area.

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

Neither sediment pond contained an adequate volume of water to be discharged through their open channel spillways. The ponds do have some minor rilling on the inslopes; these have been noted in the quarterly inspections as well as the annual pond certifications.



# 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:	C0150007
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, September 18, 2013
Start Date/Time:	9/18/2013 7:00:00 AM
End Date/Time:	9/18/2013 11:00:00 AM
Last Inspection:	Thursday, August 15, 2013

Representatives Present During the Inspection:
OGM Karl Houskeeper

Inspector: Karl Houskeeper

Weather: Clear, Temp. 60 Deg. F.

InspectionID Report Number: 3614

Accepted by: jhelfric  
9/26/2013

Permitee: **CONSOLIDATION COAL CO**  
 Operator: **CONSOLIDATION COAL CO**  
 Site: **HIDDEN VALLEY MINE**  
 Address: **PO BOX 566, SESSER IL 62884**  
 County: **EMERY**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **RECLAIMED**

#### Current Acreages

960.00	<b>Total Permitted</b>
6.70	<b>Total Disturbed</b>
6.70	<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:

Checked in at Main Office located at the Emery Deep Mine. Russell Jensen had Rich White from Earth Fax. Proceeded to the Hidden Valley Mine un-attended.

Inspector's Signature:

Karl Houskeeper,  
Inspector ID Number: 49

Date Wednesday, September 18, 2013



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

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	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input 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"/>

**2. Signs and Markers**

Checked the mine identification sign that is placed at the end of the county road and entrance into the Hidden Valley Mine permit area. The sign contained the required information and was found to be compliant.

**4.c Hydrologic Balance: Other Sediment Control Measures**

The siltation fence that is installed near the mine identification sign was inspected. The siltation fence is functional and in good repair. Some sediment is built up behind the fence indicating that the structure is working.

**8. Noncoal Waste**

The Hidden Valley Mine site is free of noncoal waste items.



**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>C0150009</b>
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, September 24, 2013
Start Date/Time:	9/24/2013 10:30:00 AM
End Date/Time:	9/24/2013 3:20:00 PM
Last Inspection:	Wednesday, June 05, 2013

Representatives Present During the Inspection:	
OGM	Kenneth Hoffman
Company	Guy Davis

Inspector: Kenneth Hoffman  
 Weather: clear  
 InspectionID Report Number: 3621  
 Accepted by:

Permitee: **PACIFICORP**  
 Operator: **ENERGY WEST MINING CO**  
 Site: **TRAIL MOUNTAIN 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
3,538.98	<b>Total Permitted</b>	<input checked="" type="checkbox"/> Federal	<input checked="" type="checkbox"/> Underground
10.39	<b>Total Disturbed</b>	<input checked="" type="checkbox"/> State	<input type="checkbox"/> Surface
	<b>Phase I</b>	<input type="checkbox"/> County	<input type="checkbox"/> Loadout
	<b>Phase II</b>	<input checked="" type="checkbox"/> Fee	<input type="checkbox"/> Processing
	<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 Trail Mountain Mine remains in temporary cessation status. The Mine was idled in March 2001. There are no annual report commitments in place at this time for the Trail Mountain Mine permit area. Recent storms during the month of September 2013 have resulted in large erosion events and the Trail Mountain Mine disturbed area was impacted.

**Inspector's Signature:**

Kenneth Hoffman,  
 Inspector ID Number: 66

**Date** Thursday, September 26, 2013



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

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	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 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"/>
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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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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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 checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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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"/>
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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 remains in effect through February 20, 2015.

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

The undisturbed culvert inlets in Fan Canyon and Cottonwood Canyon were not flowing. The Fan Canyon trash rack was clear and capable of functioning. The Cottonwood Canyon trash rack had some debris accumulated and needs to be cleaned off but still appeared capable of functioning.

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

The Mine site sediment pond had a few feet of water in it. The pond is incised; there were no indications of hazards or signs of instability. The 1st and 2nd Quarter 2013 impoundment inspections were completed on March 7, and June 19, 2013 by Mr. Mark Reynolds, Utah P.E., and Mr. Rick Cullum, Utah registered land surveyor.

### **4.c Hydrologic Balance: Other Sediment Control Measures**

A silt fence along the road was needs to be cleaned out. A silt fence below the Fan Canyon bypass needs to be cleaned out because some undisturbed area water channelized around the bypass culvert and overloaded it. All of this undisturbed area water reported to the sediment pond but was not of sufficient volume to impact the function of the sediment pond. This work is being addressed in the next 4 weeks.

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

Neither UPDES outfall 001A (Mine site pond) nor 002A (mine water discharge outfall) discharged during the second or third quarters 2013.

## **5. Explosives**

There are no explosives or detonators in storage at Trail Mountain.

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

The mine site sediment pond was cleaned in June, 2012. The material was hauled to the Cottonwood / Wilberg active waste rock site for disposal.

## **10. Slides and Other Damage**

A section of hillside above the upper road has slide and some mid size boulders are on the road. This work is being addressed in the next 4 weeks.

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

Water bars had been reconstructed during the 3rd Quarter 2012 across the site and will again be reconstructed during the work the next 4 weeks.

Permit Number: C0150009  
Inspection Type: COMPLETE  
Inspection Date: Tuesday, September 24, 2013

**16.b Roads: Drainage Controls**

Some of the concrete lined channels have eroded on the sides and are need of repair. This work is being addressed in the next 4 weeks.





# 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:	C0150015
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, September 10, 2013
Start Date/Time:	9/10/2013 7:30:00 AM
End Date/Time:	9/10/2013 12:00:00 PM
Last Inspection:	Thursday, August 01, 2013

Representatives Present During the Inspection:	
Company	Russel Jensen
OGM	Karl Houskeeper

Inspector: Karl Houskeeper

Weather: Overcast/Raining, Temp. 59 Deg. F.

InspectionID Report Number: 3603

Accepted by: jhelfric

9/26/2013

Permitee: **CONSOLIDATION COAL CO**  
 Operator: **CONSOLIDATION COAL CO**  
 Site: **EMERY DEEP MINE**  
 Address: **PO BOX 566, SESSER IL 62884**  
 County: **EMERY**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

442.50	<b>Total Permitted</b>
248.50	<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:

Recent rain storms have produced flash floods which have impacted the 4th East portal area. The flash floods entered the East side of the permit area at the 4th East portal site. Debris and silt have traversed the pad area and placed additional water into the sediment pond located there. The diversion behind the oil storage area has received a heavy sediment load and requires cleaning.

Inspector's Signature:

Karl Houskeeper,  
Inspector ID Number: 49

Date Tuesday, September 10, 2013



**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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input checked="" type="checkbox"/>	<input checked="" 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input 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"/>

## **2. Signs and Markers**

Signs and markers are in place at both the main facility and the 4th East facility. The signs contain the required information.

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

The diversion that runs behind the oil storage area has been impacted from flash floods which have entered the permit area and deposited additional sediment into the diversion and in front of the culvert outlet. This diversion and outlet require cleaning. Diversion is Still Functional.

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

Most of the sediment ponds contain water from the recent storm events.

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

The refuse pile appears stable. No visible hazards were observed.



**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>C0150015</b>
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, September 18, 2013
Start Date/Time:	9/18/2013 9:02:00 AM
End Date/Time:	9/18/2013 10:30:00 AM
Last Inspection:	Monday, August 05, 2013

Representatives Present During the Inspection:
OGM Pete Hess

Inspector: Pete Hess.  
 Weather: Sunny, clear; 70s F. Beautiful day.  
 InspectionID Report Number: 3615  
 Accepted by: jhelfric  
 9/26/2013

Permitee: **CONSOLIDATION COAL CO**  
 Operator: **CONSOLIDATION COAL CO**  
 Site: **EMERY DEEP MINE**  
 Address: **PO BOX 566, SESSER IL 62884**  
 County: **EMERY**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

**Current Acreages**

442.50	<b>Total Permitted</b>
248.50	<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:**

The purpose of today's inspection was to monitor the six monitoring points installed on the Sundstrom land. The area last received a heavy amount of rainfall 2-3 days ago. Flooding of homes has occurred in several counties in Utah from the recent heavy downpours across the State. The monitoring of the Sundstrom property is being done to try to determine what is causing the holes and depressions in the area, which is outside of the Emery Deep Mine adjacent area. Mining ceased at the CONSOL property on February 16, 2010. Mr. Jon Sundstrom was spoken with before and after the inspection.

**Inspector's Signature:**

Pete Hess,  
 Inspector ID Number: 46

**Date** Wednesday, September 18, 2013



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

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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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

The bottom of the stock pond on Mr. Sundstroms property was clearly visible.

**4.d Hydrologic Balance: Water Monitoring**

The site has received heavy rainfall events over the past several weeks, as has most of the intermountain west.

**15. Cessation of Operations**

The Emery Deep Mine remains in temporary cessation status.

**22. Other**

Sund One is now 18" deep and 32" in diameter. Sund Two is a 60" depression, 17" deep (bowl shape). 3/4" crack on west side looks like more settling possible. Sund Three is 16" deep. Sund Four has no visible change (small depression / no hole). Sund Five - the larger depression appears unchanged. The smaller hole is 8.5 " deep with a 6.5 inch diameter. Sund Six - 22" in diameter, 8.5 inches deep measured from the ditch bottom in which it is located to bottom of the depression. A small hole near Sund Six is 23 " deep. Another small hole up gradient of the Sund Six ditch depression is 17 inches deep (straight into the ground. In general there are numerous hole varying in size all over this area; some may have been started by burrowing animals or snakes, but it appears that a lot of piping of water through the soil is occurring. An update of the data spreadsheet will be completed and sent with this report as will photos from 9/18.



# 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:	C0150017
Inspection Type:	PARTIAL
Inspection Date:	Monday, September 30, 2013
Start Date/Time:	9/30/2013 9:00:00 AM
End Date/Time:	9/30/2013 11:00:00 AM
Last Inspection:	Wednesday, August 28, 2013

Representatives Present During the Inspection:	
Company	Guy Davis
OGM	Steve Demczak

Inspector: Steve Demczak

Weather: Sunny, 60's

InspectionID Report Number: 3632

Accepted by: jhelfric

10/1/2013

Permitee: **PACIFICORP**  
 Operator: **ENERGY WEST MINING CO**  
 Site: **DES BEE DOVE MINE**  
 Address: **PO BOX 310, HUNTINGTON UT 84528**  
 County: **EMERY**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **RECLAIMED**

#### Current Acreages

133.90	<b>Total Permitted</b>
40.90	<b>Total Disturbed</b>
136.58	<b>Phase I</b>
95.70	<b>Phase II</b>
95.70	<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:

The permittee will be taking the final vegetation study this year. This is year 10 in reclamation of the Des Bee Mine site. The permittee plans next summer to submit an amendment for Phase III bond release.

The site was stable after having several rainstorms.

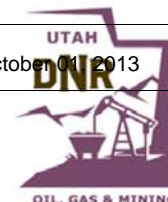
The site is totally reclaimed using all available soil.

The permittee received Phase II bond release.

Inspector's Signature:

Steve Demczak,  
Inspector ID Number: 39

Date Tuesday, October 01, 2013



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

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	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input 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"/>



**2. Signs and Markers**

The identification sign is located on the path to the reclaimed site. It contains all the required information to meet the minimum requirements of the R645 Coal Rules.

**3. Topsoil**

All topsoil was used in reclamation. The topsoil stayed in place from having several rainstorms.

**4.a Hydrologic Balance: Diversions**

All diversions were open and functioning as designed. The diversion held up well after receiving several rainstorms.



# 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>C0150018</b>
Inspection Type:	PARTIAL
Inspection Date:	Monday, September 30, 2013
Start Date/Time:	9/30/2013 11:00:00 AM
End Date/Time:	9/30/2013 1:00:00 PM
Last Inspection:	Wednesday, August 28, 2013

Representatives Present During the Inspection:	
Company	Guy Davis
OGM	Steve Demczak

Inspector: Steve Demczak

Weather: Sunny, 60's

InspectionID Report Number: 3633

Accepted by: jhelfric

10/1/2013

Permitee: **PACIFICORP**  
 Operator: **ENERGY WEST 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

19,936.88	<b>Total Permitted</b>
91.63	<b>Total Disturbed</b>
0.60	<b>Phase I</b>
0.60	<b>Phase II</b>
0.60	<b>Phase III</b>

#### Mineral Ownership

- Federal
- State
- County
- Fee
- Other

#### Types of Operations

- Underground
- Surface
- Loadout
- Processing
- Reprocessing

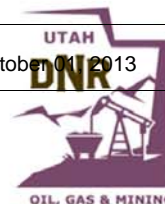
#### Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The AML project is underway near the beltline going the power plant. The project is on the other side of the creek near the coal breaker building. This project is to reclaim an old abandoned mine site. AML did minor reclamation of this site in the early 1990's. The main reclamation intent was to close the portals going into the old mine. The site is filled with coal fines that can easily enter into the creek. It appears the new AML project is to construct drainages and to clean all coal fines in the area. This project will take several weeks to complete.

Inspector's Signature:

Steve Demczak,  
Inspector ID Number: 39

Date Tuesday, October 01, 2013



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

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	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input 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"/>

## **2. Signs and Markers**

The mine identification signs are located at all points of public access into the various permit areas. The signs contain the necessary information to meet the R645 Coal Rules.

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

The diversions have been cleaned out recently by the permittee. All diversions and culverts were open. All sediment traps were clean out and functioning as design.

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

### **4.c Hydrologic Balance: Other Sediment Control Measures**

The sediment pond at the mine site was stable with no hazardous conditions noticed.

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

The refuse pile at the mine site was stable and the slopes are reclaimed. No hazardous conditions were noticed.

## **8. Noncoal Waste**

The site was clear of non-coal waste materials.



**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>C0150019</b>
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, September 24, 2013
Start Date/Time:	9/24/2013 10:30:00 AM
End Date/Time:	9/24/2013 1:21:00 PM
Last Inspection:	Wednesday, June 05, 2013

Inspector: Kenneth Hoffman,  
 Weather: clear  
 InspectionID Report Number: 3624  
 Accepted by:

Permitee: **PACIFICORP**  
 Operator: **ENERGY WEST MINING CO**  
 Site: **COTTONWOOD/ WILBERG**  
 Address: **PO BOX 310, HUNTINGTON UT 84528**  
 County: **EMERY**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

**Current Acreages**

4,114.18	<b>Total Permitted</b>
45.27	<b>Total Disturbed</b>
21.29	<b>Phase I</b>
21.29	<b>Phase II</b>
21.29	<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:**

The Cottonwood / Wilberg Mine remains in temporary cessation status; there is no activity at the site. All electrical power has been disconnected and there are no reclamation activities occurring. While the Trail Mountain facility clearly experienced heavy rainfall during September 2013 impacts of these storms were either less significant at the Cottonwood Facility or it did not experience as much and/or as intense of rainfall.

**Inspector's Signature:**

Kenneth Hoffman,  
 Inspector ID Number: 66

**Date** Thursday, September 26, 2013



**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 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 checked="" 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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>

## **1. Permits, Change, Transfer, Renewal, Sale**

The Permittee is still in the process of the UPDES permit renewal.

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

Both major inlets to the facility undisturbed bypass culvert were in working order and dry. The discharge culvert of the facility bypass discharge culvert was flowing at approximately 1 gpm. Since both major inlets were dry it is estimated this flow is likely underground groundwater intrusion into the culvert from the recent storms.

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

The First Quarter 2013 impoundment inspections for the North and South ponds, as well as the active waste rock site pond were completed by Mr. Mark Reynolds, P.E. and Mr. Rick Cullum, Utah registered land surveyor on March 7, 2013. There were no signs of structural hazard or signs of instability identified for any of the impoundments. Both the North and South ponds were reported as having sufficient remaining sediment storage capacity below the 60 % cleanout elevation. The waste rock pond was reported as having sufficient remain storage capacity. All spillways and inlet ditches were reported as capable of functioning as designed. As observed this day, the South pond was mostly dry with about 6 inches of water in the bottom, and the North pond had a foot or two of water in it. The waste rock pond had about a foot of water in it. The monthly inspections for the North and South ponds (MSHA ponds) were current, with the last being completed on August 2013. No issues were identified. Mr. Davis is the MSHA certified impoundment inspector for the Permittee.

### **4.c Hydrologic Balance: Other Sediment Control Measures**

At the upper belt area, one silt fence has been repaired and excellor logs have been added at the base. In addition, the silt fence above the active waste rock site pond has been cleaned out and silt fence maintance has been conducted. These repairs and upgrades are holding up well.

### **4.d Hydrologic Balance: Water Monitoring**

The Permittee is currently entering First Quarter of 2013 water monitoring data into the DOGM electronic database pipeline. However, due to a Division electronic database problem this due date has been extended until the problem can be corrected.

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

The current UPDES permit expired October 31, 2012. The Permittee submitted an application for renewal on February 15, 2012 to the Utah DWQ. All of the Permittees UPDES permits come due at the same time. DWQ is still working on the process.

## **5. Explosives**

There are no explosives or detonators in storage at the Cottonwood / Wilberg Mine. 2 magazines are permanently mounted adjacent to the Wilberg Fan installation; these have not been used for many years and are empty. All active storage for explosive materials occurs at the Central Warehouse location near Orangeville.

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

Mr. Mark Reynolds, Utah registered professional engineer, conducted the First Quarter of 2013 waste rock pile inspections of the active waste rock and the reclaimed waste rock pile on March 7, 2012. No hazards were identified. No material is being placed on the "active" pile at this time, with the exception of pond cleanout material from the 3 Cottonwood / Wilberg ponds and the Trail Mountain mine site pond. The last material placed occurred in June of 2012 when the Trail Mountain mine site sediment pond was cleaned. The material has dried; spreading and compaction needs to be completed. The Permittee continues to inspect the reclaimed waste rock pile (old site); to date, MSHA has not acknowledged that the refuse disposal facility has been reclaimed. The disturbed area at this site (Federal lease # U-37642) contains areas for soil storage and rock storage, and this is why total bond release has not been granted for the area.

## **10. Slides and Other Damage**

Three large boulders have slid in the Fan portal area. They boulders do not appear to be a safety concern. The operator is making plans for breaking the boulders into smaller pieces and will use the piece for additional berming on site.

## **15. Cessation of Operations**

There has not been any change in the temporary cessation status of this site.

## **16.b Roads: Drainage Controls**

All AC power has been disconnected for many years.

## **18. Support Facilities, Utility Installations**

## **20. Air Quality Permit**

DAQE-694-95 was last revised in August of 1995.



**21. Bonding and Insurance**

The operator has general annual liability coverage from October 1, 2012 to September 30, 2013. Coverage amounts for each occurrence and general aggregate amount to \$ 2,000,000 for each. Coverage for damage incurred from the use of explosives is provided, as is coverage for the repair of subsidence damage caused by mining. A Midterm review of the Cottonwood/Wilberg MRP including a re-evaluation of the reclamation cost estimate was completed as part of Task ID # 4078. The reclamation cost, escalated through 2016 was estimated at \$ 2,779,000. The posted bond \$2,964,000. Adequate bond coverage is in place.

**22. Other**

The chain link barricades at each of the portals are intact.



# 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>C0150025</b>
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, September 25, 2013
Start Date/Time:	9/25/2013 8:15:00 AM
End Date/Time:	9/25/2013 12:30:00 PM
Last Inspection:	Wednesday, August 21, 2013

Representatives Present During the Inspection:	
Company	Jaren Jorgensen
OGM	Karl Houskeeper

Inspector: Karl Houskeeper

Weather: Clear, Temp. 43 Deg. F.

InspectionID Report Number: 3619

Accepted by: jhelfric

9/26/2013

Permittee: **CASTLE VALLEY MINING LLC**  
 Operator: **CASTLE VALLEY MINING LLC**  
 Site: **BEAR CANYON MINE**  
 Address: **2352 NORTH 7TH STREET, UNIT B, GRAND JUNCTION CO 81501**  
 County: **EMERY**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

10,991.83	<b>Total Permitted</b>
40.46	<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:

Inspector's Signature:

Karl Houskeeper,  
Inspector ID Number: 49

Date Wednesday, September 25, 2013



**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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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"/>

**2. Signs and Markers**

The mine identification was observed at the entrance into the mining permit area. The sign is legible and contains the required information.

**4.a Hydrologic Balance: Diversions**

Many of the diversion ditches and culvert inlets have been recently cleaned as a result of the event storm events in the local area.

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

All of the sediment ponds contain water in them from the recent storm event activity.

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

The roads through out the mine site are well maintained.



# 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:	C0150032
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, September 17, 2013
Start Date/Time:	9/17/2013 8:00:00 AM
End Date/Time:	9/17/2013 1:00:00 PM
Last Inspection:	Tuesday, August 27, 2013

Representatives Present During the Inspection:	
Company	Jay Marshall
OGM	Karl Houskeeper

Inspector: Karl Houskeeper

Weather: Cloudy, Temp. 70 Deg. F.

InspectionID Report Number: 3613

Accepted by:

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	<b>Total Permitted</b>
34.47	<b>Total Disturbed</b>
11.89	<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:

Checked in at the main office located at the West Ridge Mine. Jay Marshall was present and attended the Division Inspection on the Partial Inspection.

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

Inspector's Signature:

Karl Houskeeper,  
Inspector ID Number: 49

Date Tuesday, September 17, 2013



**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.
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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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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"/>

## **2. Signs and Markers**

Checked the mine identification signs at the Burma Pond Facility and the Main Facility. Both signs were found to be in compliance.

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

The sediment pond has water in it from several recent storm events. The water contains a lot of sediment at present, has a chocolate coloring.

### **4.d Hydrologic Balance: Water Monitoring**

Pulled samples from 002 and Pre-002. These samples were pulled in unison with UEI representative Jay Marshall. Jay ran field parameters on site.

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

The Hilfiker Wall above the sediment pond which is also the outslope of the main access road has been maintained. The Hilfiker Wall has been supported by addition of chain link fence and roof mesh, then large pipe has been inserted on the interior of the wall and recovered. The outside wall also has large pipe inserted into the ground and against the wall to serve as an abutment. In addition a fabric barrier has been buried toward the surface of the uppermost Hilfiker basket and then gravel has been placed on top of the fabric so that any water will be sheered away from the wall and directed back on to the asphalt road.



# 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:	C0150032
Inspection Type:	PARTIAL
Inspection Date:	Friday, September 20, 2013
Start Date/Time:	9/20/2013 9:30:00 AM
End Date/Time:	9/20/2013 4:00:00 PM
Last Inspection:	Tuesday, September 17, 2013

Representatives Present During the Inspection:	
OGM	Priscilla Burton
OGM	Kenneth Hoffman

Inspector: Priscilla Burton,

Weather: sun 65 F

InspectionID Report Number: 3618

Accepted by:

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	<b>Total Permitted</b>
34.47	<b>Total Disturbed</b>
11.89	<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:

Walked the reclaimed USFS and SITLA roads to access the reclaimed emergency drill pads on East Mountain. Slide area has not moved since last year. Vegetation is progressing nicely.

Inspector's Signature:

Priscilla Burton,  
Inspector ID Number: 37

Date Monday, September 23, 2013





**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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input 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"/>

**9. Protection of Fish, Wildlife and Related Environmental Issues**

Only a couple of thistle plants noted on the slope between pads 2 and 6. These thistle were examined for the presence of the biological control weevil. The weevil larvae was not present in older or younger seed heads.

**10. Slides and Other Damage**

Nine excelsior logs laid perpendicular to the slope were still in place. The logs have functioned to hold back sediment. Two of seven pine trees planted at the head of the slide were still alive. There is little new vegetation emerging on the slide, but existing vegetation looked robust.

**13. Revegetation**

Revetation on reclaimed drill pads and access roads is vigorous. A great deal of rain has fallen this summer in Emery County. The first mile of reclaimed trail to the site (on USFS land) is in the shade and is extremely muddy. The trail has been used several times by a horse rider (most likely a sheep herder), leaving deep tracks in the mud and destroying vegetation that existed on this trail.

**14. Subsidence Control**

A subsidence crack on the ridge was filled last fall when the trail was re-established along the west side of the East Mountain ridge. The crack in sheer rock has re-opened and is about a foot deep and 4 inches wide.



# 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>C0250005</b>
Inspection Type:	COMPLETE
Inspection Date:	Wednesday, September 04, 2013
Start Date/Time:	9/4/2013 9:00:00 AM
End Date/Time:	9/4/2013 1:00:00 PM
Last Inspection:	Monday, August 05, 2013

Representatives Present During the Inspection:	
Company	Kirk Nicholes
OGM	Karl Houskeeper

Inspector: Karl Houskeeper

Weather: Sunny, Temp. 73 Deg. F.

InspectionID Report Number: 3600

Accepted by:

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	<b>Total Permitted</b>
329.00	<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:

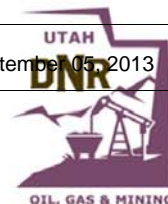
Current mining is taking place in pit # 28. Mining in pit #9 is completed. This pit still needs to be filled. When material is stripped from pit #10 it will be pushed into pit #9

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

Inspector's Signature:

Karl Houskeeper,  
Inspector ID Number: 49

Date Thursday, September 05, 2013



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

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	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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 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 current DOGM permit C/025/0005 was issued effective 11/08/2010 and expires 11/08/2015.

-Certificate of Insurance policy number AMGL005598, issued 04/23/2013 and terminates 12/10/2013.

-UPDES permit # UT0025992 effective 08/01/2013 and expires @ midnight 07/31/2018.

-Air Quality permit DAQE-AN0140470-02-10, issued November 10, 2010.

-SPCC Plan dated 05/04/2011. The Plan is P.E. certified, stamped, signed and dated by a Utah P.E.

## **2. Signs and Markers**

Checked the mine identification signs that are posted at the entrance's into the permit area. The signs contain all of the information required by regulation. The signs are large enough to make them legible as you enter the mine site. The mine identification signs were found to be in compliance with the R645 Utah Coal Rules.

## **3. Topsoil**

Topsoil from pit #28 has been placed into topsoil pile #5 and several windrows to be live hauled to the North sector for reclamation.

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

Second quarter 2013 pond inspections were done on 06/26/2013. The report is P.E. certified, dated, stamped and signed. The reports include the elevation of the existing sediment level. All existing sediment elevations were found below the 60% sediment elevation for each pond.

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

Reviewed the April, May and June 2013 discharge monitoring reports as part of the complete inspection. There were no discharges during the referenced month's.

## **5. Explosives**

The following blasting records were reviewed:

Blast #23 07-Jun-2013, Total 6,290 lbs.

Blast #24 24-Jun-2013 , Total 32,435 lbs.

Blast #25 18-Jul-2013, Total 3,534 lbs.

Blast #26 19-Jul-2013, Total 2,698 lbs.

Blast #27 01-Aug-2013, Total 37,433 lbs.

Blast #28 07-Aug-2013, Total 4,590 lbs.

Blast #29 29-Aug-2013, Total 34,111 lbs (1st blast in pit #28)

Each blast record had a drawing showing the hole pattern and delays used to minimize air blast and ground vibration.

**6. Disposal of Excess Spoil, Fills, Benches**

The excess spoil pile was inspected for the Second quarter 2013 on 06/26/2013.  
The report is P.E. dated signed and certified stamped.

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

The haul road leading to pit #28 is ruff constructed. Work is still taking place on the haul road.

**20. Air Quality Permit**

DAQEAN0140470002-10 ISSUED November 10, 2010.

**21. Bonding and Insurance**

Bond #1057708, October 22, 2010, for \$6,045,000.00.



# 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:	Tuesday, September 24, 2013
Start Date/Time:	9/24/2013 8:30:00 AM
End Date/Time:	9/24/2013 10:30:00 AM
Last Inspection:	Wednesday, September 04, 2013

Representatives Present During the Inspection:	
OGM	Priscilla Burton
Company	Kirk Nicholes

Inspector: Priscilla Burton,

Weather: sun 65 F

InspectionID Report Number: 3622

Accepted by:

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	<b>Total Permitted</b>
329.00	<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:

Reclamation has progressed on the northwest side of the Excess Spoils pile. Pit 5 has been backfilled. Pit 6 is partially backfilled. Pit 9 has been mined out. Pit 8 is being backfilled. Topsoil pile #4 has been mulched and seeded. Subsoil pile #2 has been enlarged. Pit 28 is active. Topsoil pile #5 is being graded.

Inspector's Signature:

Priscilla Burton,  
Inspector ID Number: 37

Date Thursday, September 26, 2013



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

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	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



**3. Topsoil**

Topsoil pile #4 has been mulched and seeded. Topsoil pile #5 is being graded after work was halted due to a week of steady rain.

**6. Disposal of Excess Spoil, Fills, Benches**

Topsoil replacement halted by downpours of rain. Remnants of topsoil pile #3 remain to be spread on the north west side of the Excess Spoil pile. The equipment operator should be told to traverse the contour in a final pass, such that rills can not travel down the path of the dozer tracks.

Topsoil was graded on to approximately 2 - 3 acres on the northwest side of the excess spoil pile this summer and was seeded with Triticale in July. The site is green with triticale. The south and west side of the excess spoil pile that was seeded last year has native species coming along. Dried triticale is still prevalent as a standing mulch to offer protection this winter. One rill has formed on the west side of the reclaimed spoil pile. While it is still small, this rill could be stopped by placement of excelsior logs perpendicular to the rill.

**11. Contemporaneous Reclamation**

Seeding is planned in October for portions of the Excess Spoils pile and Pits 3, 5, and 6.

**12. Backfilling And Grading**

Pit 8 is being backfilled from pit 28. Pit 5 has been backfilled. Pit 6 has been partially backfilled but is not at AOC. Pit 9 is mined out, but not backfilled.

**22. Other**

Alton Coal Resources hosted the Board of Oil Gas & Mining at the site today.



# 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, September 17, 2013
Start Date/Time:	9/17/2013 10:30:00 AM
End Date/Time:	9/17/2013 12:30:00 PM
Last Inspection:	Thursday, August 22, 2013

Representatives Present During the Inspection:	
Company	Amanda Richard
Company	Vicky Miller
OGM	Joe Helfrich

Inspector: Joe Helfrich

Weather: sunny mild slight breeze

InspectionID Report Number: 3609

Accepted by: jhelfric

10/1/2013

Permitee: **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>
48.43	<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:

The purpose of this site visit was to conduct a complete inspection at the SUFCO mine. The mine is currently active and mining is ongoing in 2R, 2S of the west lease area.

There are 5 amendments either being reviewed by the operator or under review by the Division. They include by task # 4398 Asphalt paving of upper yard, review due by 9/27. The remaining 4 are operator responses due in October and November, they include:

4367, 3R2S Panel B, permittee is waiting for SHPO concurrence with the Forest Service.

4395 Subsoil as-builts, due from the permittee on 11/13

4393, Overflow Sed Pond as-builts, due from the permittee on 11/13 and

4394 Lift 5 Expansion, due from the permittee on 11/19

Inspector's Signature:

Joe Helfrich,  
Inspector ID Number: 1

Date Thursday, September 19, 2013



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

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	Evaluated	Not Applicable	Comment	Enforcement
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3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**1. Permits, Change, Transfer, Renewal, Sale**

The permit was issued on 5/21/2007 and renewed effective 5/21/2012 for five years. See the Inspection Report Summary Statement section of this report for an update on the status of amendments that are being processed either by the Division or Permittee.

**2. Signs and Markers**

Signs containing the required information were posted at the entrance to the mine site.

**3. Topsoil**

The Subsoil as-builts, task # 4395 are due on November 13. No other topsoil or subsoil issues were noted during the inspection.

**4.a Hydrologic Balance: Diversions**

Routine maintenance on the diversion ditch at the base of the waste rock disposal area was seceduled for the 18th of September.

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

The primary, overflow, and waste rock sediment ponds were inspected on May 13th and June 26th for the second quarter showing no hazzards or structural weaknesses. The measurements varied but they were all below the 60% cleanout level. The primary sed pond 001 has been cleaned out.

**4.c Hydrologic Balance: Other Sediment Control Measures**

ASCAs associated with the subsoil stockpile appeared to be in good repair and functioning adequately.

**4.d Hydrologic Balance: Water Monitoring**

Water monitoring data for the second quarter of 2013 was available for inspection.

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

There were no discharges from point 001A and no exceedances from points 002A and 003A. Hard CC's of the monitoring data for these points were available and current through 9/16/2013.

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

Task # 4394 Lift 5 Expansion is due from the permittee on 11/19.

**14. Subsidence Control**

Visual subsidence surveys for the South Fork of Quitcupah are being conducted bi-weekly.

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

The new haul road from the mine to highway 10 is operational.

**18. Support Facilities, Utility Installations**

The permittee is working on an amendment to add a blending facility between the primary sediment pond and the new haul road.

**19. AVS Check**

Revisions to Chapter 1 were received by the Division on March 13, 2013 with the annual report and the MRP has been updated.

**20. Air Quality Permit**

The air quality permit is in effect as of May 2006 and renewed 03/30/2011 to include the west lease conveyor. The permit is listed in appendix 4-4 of the MRP.

**21. Bonding and Insurance**

The bond was reduced during the mid-term review to 2,874,000. Insurance is current through 07/31/2014.

UtahAmerican Energy, Inc.  
794 C Canyon Road  
East Carbon UT 84520

Fifth Third Bank  
1404 East Ninth Street  
Cleveland OH 43980

6-271  
410

DATE	CHECK NO	VENDOR NO
08/27/2013	103839	0000403007

FOUR HUNDRED EIGHTY-FOUR DOLLARS

AMOUNT
\$484.00

**VOID**  
**ORIGINAL CHECK  
ROUTED TO ACCOUNTING**

PAY  
TO THE  
ORDER  
OF

DIVISION OF OIL GAS & MINING  
PO Box 145801  
SALT LAKE CITY UT 87114-5801

VOID AFTER 6 MONTHS

Robert D. Moore

⑈0103839⑈

Invoice Number	Invoice Date	Invoice Amount	Discount	Net Amount
SV10130-ID#437508/27/2013		484.00		484.00
SV-10130HORSECANYONMINEC/007/0013TASKID4375				
Total Discount				0.00
Sum total				484.00

*Coal*

**RECEIVED**

**SEP 04 2013**

DIV. OF OIL, GAS & MINING