



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:	C0150018
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, July 22, 2020
Start Date/Time:	7/22/2020 6:30:00 AM
End Date/Time:	7/22/2020 12:00:00 PM
Last Inspection:	Wednesday, June 24, 2020

Representatives Present During the Inspection:
OGM Karl Houskeeper

Inspector: Karl Houskeeper,

Weather: Overcast Skies/Light Rain, Temp. 55 Deg. F.

InspectionID Report Number: 6727

Accepted by: SCHRISTE
8/4/2020

Permitee: **PACIFICORP**
 Operator: **INTERWEST 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

20,276.18	Total Permitted
57.38	Total Disturbed
2.93	Phase I
2.93	Phase II
2.93	Phase III

Mineral Ownership

- Federal
- State
- County
- Fee
- Other

Types of Operations

- Underground
- Surface
- Loadout
- Processing
- Reprocessing

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

The Deer Creek Partial Inspection was conducted un-attended according to the Division's current policy during the COVID 19 pandemic.

The partial inspection included a hike up the center of the reclamation area from where the C1 conveyor road crossing was up to the reclaimed bath house area, inspection of the area where water begin flowing out of the reclaimed slope this spring, inspection of the reclamation diversion where surface water is being bypassed via a pump and hose installation and the reclaimed Rilda facilities area

Forty Eight pictures were taken in conjunction with the partial inspection and are attached to the PDF version of this inspection report as Attachment A.

Inspector's Signature:

Date Wednesday, July 22, 2020

Karl Houskeeper,
Inspector ID Number: 49

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



REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input 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 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 signs that are required by law were checked during the partial inspection. There are two identification signs. The first sign is posted on a rock at the entrance into the reclaimed area of the Deer Creek mine approximately where the C1 conveyor crossed over the mine access road. The second sign is adjacent to the gate by the cattle guard in Rilda Canyon. Both of these signs are in compliance with the Utah Coal Rules. They display the name, address, phone number and Utah Mining Permit number for Pacificorp.

3. Topsoil

All topsoil that was stored in topsoil piles has been used in reclamation. There are no remaining topsoil storage areas.

4.a Hydrologic Balance: Diversions

The reclamation diversions were inspected during the partial inspection at both the Deer Creek main facility and the Rilda facility. Diversions are functional according to design. In efforts to identify the source of water emanating from the reclaimed slope at the Deer Creek facility two crossing of the reclaimed diversion have been installed by using culverts to bypass the water in the diversion and then heavy steel plates placed on top of the culverts to allow track hoe access over top of the diversion.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

There are no remaining sediment ponds.

7. Coal Mine Waste, Refuse Piles, Impoundments

There are no remaining refuse piles.

22. Other

Investigation of the source of water emanating from the reclaimed slope and the proposed resolution is still in process. No one was on site during the partial inspection. A two track road used by a track hoe dissects the reclaimed area from the turn around area where the mine identification sign in Deer Creek is located up to the bath house area. At the point where the water is coming out of the slope pits have been excavated revealing an old culvert. There is at least two points where the culvert has been cut into and opened up to determine the extent of the culvert. Water is still actively flowing from the old culvert in this area and running down the reclaimed slope to the reclaimed diversion where the sediment pond was located. See photos attached to the PDF version of this inspection report as Attachment A.

ATTACHMENT A – Photos Deer Creek July 22, 2020 site visit



PHOTO 1

Deer Creek Identification Sign



PHOTO 2

Deer Creek Monument



PHOTO 3

Deer Creek Access Road to Make Repairs



PHOTO 4

Deer Creek Access Road to Make Repairs

ATTACHMENT A – Photos Deer Creek July 22, 2020 site visit



PHOTO 5

Deer Creek Access Road to Make Repairs



PHOTO 6

Deer Creek Diversion



PHOTO 7

Deer Creek Flagged Area (Slope Erosion)



PHOTO 8

Deer Creek Access Road to Make Repairs

ATTACHMENT A – Photos Deer Creek July 22, 2020 site visit



PHOTO 9

Deer Creek Reclamation



PHOTO 10

Deer Creek Reclamation



PHOTO 11

Deer Creek Reclamation



PHOTO 12

Deer Creek Slope Erosion (Water Coming Out of Slope)

ATTACHMENT A – Photos Deer Creek July 22, 2020 site visit



PHOTO 13

Deer Creek Slope Erosion (Water Coming Out of Slope)



PHOTO 14

Deer Creek Slope Erosion (Water Coming Out of Slope/Old Culvert)



PHOTO 15

Deer Creek Slope Erosion (Water Coming Out of Slope/Old Culvert)



PHOTO 16

Deer Creek Access Road to Make Repairs

ATTACHMENT A – Photos Deer Creek July 22, 2020 site visit



PHOTO 17

Deer Creek Access Road to Make Repairs



PHOTO 18

Deer Creek Reclamation



PHOTO 19

Deer Creek Access Road to Make Repairs & Diversion



PHOTO 20

Deer Creek Access Road to Make Repairs & Diversion

ATTACHMENT A – Photos Deer Creek July 22, 2020 site visit



PHOTO 21

Deer Creek Access Road to Make Repairs & Diversion



PHOTO 22

Deer Creek Access Road to Make Repairs & Diversion



PHOTO 23

Deer Creek Access Road to Make Repairs & Diversion



PHOTO 24

Deer Creek Diversion & Water By-Pass

ATTACHMENT A – Photos Deer Creek July 22, 2020 site visit



PHOTO 25

Deer Creek Diversion Intersection



PHOTO 26

Deer Creek Reclamation



PHOTO 27

Deer Creek Diversion



PHOTO 28

Deer Creek Diversion

ATTACHMENT A – Photos Deer Creek July 22, 2020 site visit



PHOTO 29

Deer Creek Pump for By-Pass



PHOTO 30

Deer Creek Pump for By-Pass



PHOTO 31

Deer Creek Pump for By-Pass



PHOTO 32

Deer Creek Pump for By-Pass

ATTACHMENT A – Photos Deer Creek July 22, 2020 site visit



PHOTO 33

Deer Cree Diversion (Prior Bath House Area)



PHOTO 34

Deer Creek Reclamation (Water Tank/Fan Area)



PHOTO 35

Deer Creek Pump for By-Pass



PHOTO 36

Deer Creek Reclamation/Sprinklers

ATTACHMENT A – Photos Deer Creek July 22, 2020 site visit



PHOTO 37

Deer Creek Reclamation (Parking Area)



PHOTO 38

Deer Creek Reclamation/Sprinklers



PHOTO 39

Deer Creek Reclamation/Sprinklers



PHOTO 40

Deer Creek Access Road to Make Repairs

ATTACHMENT A – Photos Deer Creek July 22, 2020 site visit



PHOTO 41

Deer Creek Access Road Diversion Crossing



PHOTO 42

Deer Creek Access Road Diversion Crossing



PHOTO 43

Deer Creek Access Road to Make Repairs



PHOTO 44

Deer Creek Access Road to Make Repairs

ATTACHMENT A – Photos Deer Creek July 22, 2020 site visit



PHOTO 45

Rilda Canyon Emery County Flood Control



PHOTO 46

Rilda Canyon Identification Sign



PHOTO 47

Rilda Canyon Reclamation Diversion (Sediment Pond Area)



PHOTO 48

Rilda Canyon Reclamation Diversion (Sediment Pond Area)