



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

INSPECTION DATE & TIME: December 17, 1991
9:30 a.m. - 12:15 p.m.

Permittee and/or Operators Name: PacifiCorp Electric Operations
Business Address: One Utah Ctr, 201 S Main, #2100, SLC, UT 84140
Mine Name: Deer Creek Permit Number: ACT/015/018
Type of Mining Activity: Underground X Surface Other
County: Emery Federal Official(s): None
Company Official(s): Guy Davis, John Christesen
State Official(s): Ken Wyatt, Bill Malencik
Partial: X Complete: Date of Last Inspection: 11/13/91
Weather Conditions: Partly cloudy, cold, some snow on ground
Acreage: 14,668 Permitted 56 Disturbed Regraded Seeded
Bonded 56 Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(X)	()	()	(X)
2. SIGNS AND MARKERS	()	()	()	()
3. TOPSOIL	()	()	()	()
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	(X)	()	()	()
b. DIVERSIONS	(X)	()	()	(X)
c. SEDIMENT PONDS AND IMPOUNDMENTS	(X)	()	()	(X)
d. OTHER SEDIMENT CONTROL MEASURES	(X)	()	()	(X)
e. SURFACE AND GROUNDWATER MONITORING	(X)	()	()	(X)
f. EFFLUENT LIMITATIONS	()	()	()	()
5. EXPLOSIVES	()	()	()	()
6. DISPOSAL OF DEVELOPMENT WASTE & SPOIL	()	()	()	()
7. COAL PROCESSING WASTE	()	()	()	()
8. NONCOAL WASTE	()	()	()	()
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	()	()	()	()
10. SLIDES AND OTHER DAMAGE	()	()	()	()
11. CONTEMPORANEOUS RECLAMATION	()	()	()	()
12. BACKFILLING AND GRADING	()	()	()	()
13. REVEGETATION	()	()	()	()
14. SUBSIDENCE CONTROL	()	()	()	()
15. CESSATION OF OPERATIONS	()	()	()	()
16. ROADS				
a. CONSTRUCTION	()	()	()	()
b. DRAINAGE CONTROLS	()	()	()	()
c. SURFACING	()	()	()	()
d. MAINTENANCE	()	()	()	()
17. OTHER TRANSPORTATION FACILITIES	()	()	()	()
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	(X)	()	()	(X)

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PERMIT NUMBER: ACT/015/018 DATE OF INSPECTION: December 17, 1991

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS

The mine permit was examined in Pacificcorp's office. A discussion was held concerning the need for P.E. certification of intermittent stream diversions. According to the new definitions an intermittent stream drains an area greater than one square mile (640 acres). The only watershed at the Deer Creek Mine fitting this definition would be the Deer Creek drainage. The diversion structure for the Deer Creek stream will need certification. Mr. Davis was going to pursue this issue.

4b. HYDROLOGIC BALANCE: DIVERSIONS

The disturbed area drainage inlet adjacent to the noncoal waste storage area was functional. There^{was} a pallet of electrical components adjacent to this inlet. The operator planned to remove this equipment.

The Elk canyon undisturbed drainage was filled with snow. No flow was observed and the inlet to the undisturbed culvert was unobstructed.

4c. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The temporary sediment basin constructed along the conveyor system just up canyon from where the conveyor crosses the road had been backfilled, regraded and the outslopes reseeded and mulched. The operator indicated that they were considering modifying their permit to allow for storage in the disturbed area. The reasoning was that they had built a similar temporary pond here several years earlier and had contemporaneously reclaimed the site after sediment pond cleaning was completed. Each time the pond is cleaned, they need to re-disturb this area and reclaim it following pond cleaning. If it were modified to allow for storage then it could remain as a surface disturbance until final reclamation.

4d. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

An area along the upper conveyor where the Deer Creek Mine sediment pond discharge culvert passes beneath the conveyor needs some additional sediment control work. Coal fines were observed encroaching on the stream. The operator said they would put in some additional control measures at this site (inverted U -10).

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PERMIT NUMBER: ACT/015/018 DATE OF INSPECTION: December 17, 1991

4e. HYDROLOGIC BALANCE: SURFACE AND GROUNDWATER MONITORING

The flume on Deer Creek (DCR04) read .35 ft. depth which corresponds to 1058 gallons per minute (2.36CFS). Water quality looked good.

18. SUPPORT FACILITIES UTILITY INSTALLATIONS

Three new structures were approved for construction in a December 3, 1991 letter from Pam Grubaugh-Littig. These facilities included:

1. Loading dock on the upper material storage pad. This structure was under construction along the north end of the upper material storage pad.
2. An electronic control house for the tippie operations located at the tippie site. This facility was completed and consisted of a steel house on a concrete pad.
3. An electronic control house located at the C-1, C-1 transfer point. This facility was not started. The location was marked by several markers. A discussion was held concerning this location, in that it was marked for an area not yet disturbed. I informed the operator that if this location was utilized they would need to strip vegetation, remove and save topsoil, and provide for drainage and sediment control. The location could be moved into the disturbed area near the conveyor system. This location would not require topsoil salvaging and it already has sediment and drainage control.

Additional Comments

The Abandoned Mine Reclamation (AMR) program has been closing portals and removal some structures and debris at the Byron Howard site adjacent to Deer Creek. A dumpster was located on the sediment pond access road. Debris from the reclamation work was being placed in this dumpster. The hill next to this dumpster had been impacted where mine debris was drug down to the dumpster. According to Chris Rohrer, Project manager for the AMR Program, this project was completed on December 18, 1991. The dumpster was removed and the slope was scattered with seed.

Copy of this Report:

Mailed to: Bernie Freeman (OSM), Blake Webster & Guy Davis (PEO)

Given to: Joe Helfrich (DOGM)

Inspectors Signature: Ken Wyatt #7 Date: 12/18/91