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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

027  
[Signature]

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## INSPECTION REPORT

INSPECTION DATE & TIME: 12/17/91  
10:00 am - 12:50 pm

Permittee and/or Operator's Name: Castle Valley Resources  
Business Address: Box 766, Wellington, UT, 84542  
Mine Name: Wellington Prep. Plant Permit Number: Act 007/012  
Type of Mining Activity: Underground Surface Other x  
County: Carbon Company Official(s): Candy Manzanares,  
State Officials(s): Sharon Falvey, Wayne Western  
Federal Official(s): none  
Partial: x Complete          Date of last Inspection: 11/13/91  
Weather Conditions: Cold, Cloudy/Foggy  
Acreage: Permitted 1720 Disturbed 356 Regraded 1.5 Seeded 1.5  
Bonded 469 Enforcement Action: yes

### COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(x)	( )	( )	(x)
2. SIGNS AND MARKERS	(x)	( )	( )	(x)
3. TOPSOIL	( )	( )	( )	( )
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	( )	( )	( )	( )
b. DIVERSIONS	( )	( )	( )	( )
c. SEDIMENT PONDS AND IMPOUNDMENTS	(x)	( )	( )	(x)
d. OTHER SEDIMENT CONTROL MEASURES	( )	( )	( )	( )
e. SURFACE AND GROUNDWATER MONITORING	(x)	( )	( )	(x)
f. EFFLUENT LIMITATIONS	( )	( )	( )	( )
5. EXPLOSIVES	( )	( )	(x)	( )
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	( )	( )	(x)	( )
15. CESSATION OF OPERATIONS	( )	( )	(x)	( )
16. ROADS				
a. CONSTRUCTION	( )	( )	( )	( )
b. DRAINAGE CONTROLS	( )	( )	( )	( )
c. SURFACING	( )	( )	( )	( )
d. MAINTENANCE	( )	( )	( )	( )
17. OTHER TRANSPORTATION FACILITIES	( )	( )	( )	( )
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	( )	( )	( )	( )

## INSPECTION REPORT

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PERMIT NUMBER: ACT/007/012

DATE OF INSPECTION: 12/17/91

(Comments are Numbered to Correspond with Topics Listed Above)

Upon arrival at the Wellington Preparation Plant Wayne and I commenced surface site inspection while Candy Manzanares, Mine Representative, loaded trains. After the site inspection Mr. Manzanares assisted in collecting water samples from the basement of the north Hopper building.

### 1. Permits

The Transfer of permit rights, indicating Castle Valley Resources (CVR) as permittee was granted by the Division on December 6, 1991. CVR is required to submit the changes brought about by the transfer as an amendment to their MRP. CVR has 60 days (until February 4, 1992) to submit the amendment and comply with the listed stipulations.

In the last complete inspection report I indicated that the fines removal monthly report was not submitted to the Division at that time. The Division received a report, on December 13, 1991, indicating no fines removal occurred during November. The anticipated activities for the month of December is estimated to be 14 tons. I did not note any fine removals during this inspection.

### 2. SIGNS AND MARKERS

The operator was recently granted permit transfer but, the operator has not changed the signs at the site to reflect the change in operations. The operator should place the correct information on all signs as soon as possible.

### 4. Hydrologic Balance

#### c) Sediment Ponds And Impoundments

There are some notable gullies (visual estimate as deep as 6 ft.) at the coarse refuse site, on the south west corner of the upper refuse basin. The gullies run parallel and adjacent to the road heading north of the dike, separating the upper and lower refuse basins. The drainage from the coarse refuse appears to run over the vegetation test plot at the north east corner located on the coarse refuse. The drainage from the gullies does report to the upper and lower impoundments. The stability of the coarse refuse and impoundment structure is not endangered by the gullies although, the adjacent road may be affected over time.

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#### 4. Hydrologic Balance

##### c) Sediment Ponds And Impoundments (cont.)

The coarse refuse was designed as part of the slurry impoundment. Coal processing waste was pumped to the disposal area where the coarse refuse dropped out of suspension. In 1983, the coarse refuse was removed from the cells with a dragline and compacted in 2 ft. lifts to increase the holding capacity of the impoundments. At the present time the operations are not used for coal processing. It is evident that the structure needs to be reevaluated according to those regulations regarding refuse structures and impoundments.

Regulation R614-301-514-230, requires that the certified inspection reports be sent promptly to the Division following each inspection. The latest report on file at the Division was received for the second quarter on August 20, 1991. No third quarter monitoring was received at the Division to date (1/7/92). An accurate description of the gully formations were not included on recent quarterly inspections, (see last complete inspection report) Because the coarse refuse at the east side of the refuse impoundments is small relative to the impoundments, and because the refuse drains directly to the impoundments. The site has a very low to negligible risk of causing environmental degradation. The Division considered the option to fill in the gullies for interim treatment measures but, determined a close analysis of the required submittal for the abatement measures of N91-38-1-1 will better serve to readdress regulations regarding coarse refuse and define site specific solutions.

The operator has agreed to place a berm at the edge of the test plot.

##### e) Surface and Ground Water Monitoring

In the last inspection I noted that the roads at the site were being watered with water pumped from the basement of the Track Hopper Raw Coal Conveyer building at the north end of the rail. I incorrectly stated that the hopper is now used to load outgoing trains. The present use is for parking trains and the previous noted road watering and pumping operation. Since the last inspection I discussed the previous use of the hopper with Barb Filas who was associated with the operations when owned by U.S. Steel. According to Ms. Filas during U.S. Steel operations the basement was used solely for transferring incoming coal. She indicated the hopper was not used for storage.

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4. Hydrologic Balance

e) Surface and Ground Water Monitoring(cont.)

During this inspection water samples were obtained. Two oil and grease samples, as well as total dissolved solids and a variety of metals, ions and nutrients. The green coloring noted last time was from lighting and metals oxidation on the structure surface. The water samples were clear although there was a sheen on the water surface. Following receipt of the water analysis additional water monitoring may be required by the operator. It is still likely that operator will need to sample for hydrocarbons using the Gas Chromatograph quantitative finger printing analysis.

The operator is requested to remove the items floating on the water surface, including the fire extinguisher and dispose of the items in appropriate waste disposal facilities.

Copy of this Report:

Mailed to: Brian Smith (OSM), Candy Manzanares

Given to: Joe Helfrich and Daron Haddock, Wayne Western, DOGM

Inspector's Signature & Number Shank Faber #38 Date: 1/08/92  
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