



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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## INSPECTION REPORT

Partial: X Complete:    Exploration:     
Inspection Date & Time: February 25, 1998, 11:00 AM to 1:30 PM  
Date of Last Inspection: January 29, 1998

*gch*

Mine Name: Wellington Preparation Plant County: Carbon Permit Number: ACT/007/012  
Permittee and/or Operator's Name: Nevada Electric Investment Company (NEICO)  
Business Address: c/o Earthco, 1179 East Main #104, Price, Utah 84501  
Type of Mining Activity: Underground Surface Prep. Plant X Other  
State Officials(s): Paul Baker  
Company Official(s): Patrick Collins and Anna Traweek  
Federal Official(s): None  
Weather Conditions: Mostly clear, 20's (but snow melting), less than an inch of snow  
Existing Acreage: Permitted- 1720 Disturbed- 356 Regraded- 1.5 Seeded- 1.5 Bonded- 177  
Increased/Decreased: Permitted- 0 Disturbed- 0 Regraded- 0 Seeded- 0 Bonded- 0  
Status: Exploration/ X Active/ Inactive/ Temporary Cessation/ Bond Forfeiture  
Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

#### Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
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. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. 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 VALUES	<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. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June)_(date)	<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 & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/007/004

DATE OF INSPECTION: February 25, 1998

(Comments are Numbered to Correspond with Topics Listed Above)

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

The Division approved amendment 97I on February 17, 1998. With this approval, violation N97-41-4-1 was terminated.

On February 19, 1998, the Division responded to the request for bond release for part of the disturbed area on the west side of the Price River. The bond release inspection was conducted December 23, 1997.

### 4. Hydrologic Balance

#### a. Diversions

As noted in the report for the January inspection, there are several differences between the drainage control designs for the new wash plant and the way it was constructed. In two of the cases discussed below, water from the operations was being routed through the drainage control system, and these structures were not designed to carry this additional water.

During the inspection, water was being drained from the slurry feed tank into an undesigned ditch leading to the slurry pond. I estimate about 1-2 cfs was flowing through this ditch, and it had eroded about two feet deep.

The designs show culvert CVL-C3 being 24 inches in diameter, but its diameter is 12 inches. It appeared water from the operations had been flowing through ditch CVL-D5 to this culvert, and there was black foam at least one foot deep on the upstream side of the culvert. It appeared the culvert had not been able to handle the flow and that water and foam had backed up.

The operation and reclamation plan does not indicate any of the diversions would be used for water from the operations, so these diversions were not designed with all aspects of the operation in mind.

I was told a ditch had been cut near one of the roads but that the ground was muddy at the time. The ground may have sloughed making this ditch less defined and not apparent.

A berm has been built around part of the flotation cell pad, and it looks like this will keep water from leaving the disturbed area. In addition, there is now a PVC pipe leading from the makeup water head tank to a ditch in the lower part of the area although this pipe has not yet been connected to the tank.

The berm around the flotation cell pad may need to be extended to keep water from flowing uncontrolled down the hill toward the screening cell pad, but just having the pipe attached to the tank should help.

Violation N98-41-2-1 is being issued for failing to locate and construct diversions according to designs in the operation and reclamation plan, failing to construct diversions to be stable, and for failing to conduct operations only as described in the approved operation and reclamation plan.

#### d. Water Monitoring

The field data sheet for the fourth quarter 1997 water monitoring report did not have legible numbers or adequate data to determine flow at SW-2 in the Price River; however, the summary sheet showed a flow number. Because of errors in copying, the hydrologists doing water monitoring data entry prefer to use data from the field sheets and lab reports rather than transcriptions.

### 8. Noncoal Waste

In the area of the reclaimed coal fines and stockpile area as shown on Drawing T1-9597, there were several cardboard boxes laying on the ground. Noncoal waste needs to be stored in a controlled manner in a designated part of the disturbed area.

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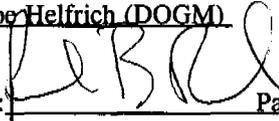
13. Revegetation

The plan indicates the outslope of the flotation cell pad and another area just west of the lower slurry pond will be seeded and matted. This needs to be done as soon as possible to take advantage of moisture in the soil and any spring snow or rain. The plan does not have a seed mix for interim revegetation, and the mix for final revegetation would not give the quick cover desired for areas like this. Also, this seed mix would be very expensive. On March 3, 1998, I faxed a recommended seed mix to Layne Ashton of Covol. While this would necessitate a change in the plan, it should be easy to review and approve.

Copy of this Report:

Mailed to: James Fulton (OSM), Patrick Collins (NEICO/Mt. Nebo Scientific), Steve Traweek (Earthco)

Given to: Joe Helfrich (DOGMD)

Inspector's Signature:  Paul B. Baker #41 Date: March 10, 1998