

Norman H. Bangarter  
GovernorDee C. Hansen  
Executive DirectorDianne R. Nielson, Ph.D.  
Division Director355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340Partial: \_\_\_\_\_ Complete: XX Exploration \_\_\_\_\_Inspection Date/Time: April 30, 1993/09:00am-01:00pmDate of Last Inspection: March 17, 1993

Mine Name: Emery Deep County: Emery Permit Number: ACT/015/015  
 Permittee and/or Operator's Name: Consolidated Coal Company  
 Business Address: P. O. Box 527, Emery, UT 84522  
 Type of Mining Activity: Underground XX Surface \_\_\_\_\_ Prep. Plant \_\_\_\_\_ Other \_\_\_\_\_  
 Officials(s): State: Stephen J. Demczak Company: \_\_\_\_\_  
 Federal Official(s): \_\_\_\_\_ Weather Conditions: Warm 60's  
 Existing Acreage: Permitted-5180 Disturbed-40 Regraded-2.7 Seeded-2.7 Bonded-207  
 Increased/Decreased: Permitted- \_\_\_\_\_ Disturbed- \_\_\_\_\_ Regraded- \_\_\_\_\_ Seeded- \_\_\_\_\_ Bonded- \_\_\_\_\_  
 Status: Exploration/ X Active/ Inactive/ \_\_\_\_\_ Temp Cessation/ \_\_\_\_\_ Bond Forfeiture  
 Reclamation ( Phase I/ Phase II/ Final Bond Release/ \_\_\_\_\_ Liability \_\_\_\_\_ Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTSInstructions

- 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	<u>[XX]</u>	<u>[ ]</u>	<u>[XX]</u>	<u>[ ]</u>
2. SIGNS AND MARKERS	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
3. TOPSOIL	<u>[XX]</u>	<u>[ ]</u>	<u>[XX]</u>	<u>[ ]</u>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
c. OTHER SEDIMENT CONTROL MEASURES	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
d. WATER MONITORING	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
e. EFFLUENT LIMITATIONS	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
5. EXPLOSIVES	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
8. NONCOAL WASTE	<u>[XX]</u>	<u>[ ]</u>	<u>[XX]</u>	<u>[ ]</u>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
10. SLIDES AND OTHER DAMAGE	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
11. CONTEMPORANEOUS RECLAMATION	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
12. BACKFILLING AND GRADING	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
13. REVEGETATION	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
14. SUBSIDENCE CONTROL	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
15. CESSATION OF OPERATIONS	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
b. DRAINAGE CONTROLS	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
17. OTHER TRANSPORTATION FACILITIES	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
19. AVS CHECK (4th Quarter-April, May, June)	<u>[XX]</u>	<u>[ ]</u>	<u>[XX]</u>	<u>[ ]</u>
20. AIR QUALITY PERMIT	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>
21. BONDING & INSURANCE	<u>[XX]</u>	<u>[ ]</u>	<u>[ ]</u>	<u>[ ]</u>

INSPECTION REPORT  
(Continuation sheet)

Page 2 of 3

PERMIT NUMBER: ACT/015/015 DATE OF INSPECTION: April 30, 1993

(Comments are Numbered to Correspond with Topics Listed Above)

1. Permit -

- a) The bond is by Lumbermen's Mutual Casualty. The policy number is 8093-71-80 for the amount of \$3,44,443 and covers 207 acres. The reclamation agreement has been signed by DOGM and the permittee.
- b) The permit renewal document was signed by DOGM and the permittee in January 1992.
- c) Division Order 93-A which is to reclassify the catch basin in front of the mine office to a sediment pond has deficiency and being addressed by the permittee.
- d) The Division Order ACT/015/015-92D to install a diversion above the temporary refuse storage pile has been approved and implemented on the ground. The field inspection concluded that additional regrading is needed at the turn in the ditch where it merges with the present coal storage pile ditch.
- e) The UPDES mine operator computer sheet shows that outfall 001 from the first quarter of 1993 was consistently out of compliance relative to TDS. The UPDES permit uses a flow weighted maximum value for outfall 001 and 003. Enclosed is a letter explaining the change with the Division of Water Quality.
- f) Insurance was updated and the new expiration date is 1-1-94 by Lumberman's Mutual Co (5YL-945-444) and explosives are covered by this policy.
- g) Sediment ponds were inspected for the first quarter of 1993. No problems were noted except the small seepage occurring in pond #6 for the past few years.
- h) The Emery Deep mine still does not have an Air Quality permit but is in the process of sending a list of outside equipment to Air Quality. The last communication was July 6, 1992.
- i) Refuse pile was inspected in the first quarter and was P.E. certified. No problems were noted with temporary storage pile.

INSPECTION REPORT  
(Continuation sheet)

Page 3 of 3

PERMIT NUMBER: ACT/O15/O15 DATE OF INSPECTION: April 30, 1993

(Comments are Numbered to Correspond with Topics Listed Above)

3. Topsoil -

The topsoil piles have a very small amount of plant life which was green. Berms are intact and no erosion occurring.

8. Non-Coal Waste -

Several truckloads of non-coal waste material has been removed from the storage area this past month. There was garbage (non-coal waste) left in storage pit, which is okay.

19. AVS Check -

An AVS check has been taken at the mine site with no new changes in ownership and control.

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

Copy of this Report:

Mailed to: Consolidated Coal Company

Mailed to: Bernie Freeman (OSM)

Given to: Joe Helfrich (DOGM)

Filed to: Price Field Office

Date: May 7, 1993

Inspector's Signature and Number: Stephen J. Demczak  
Stephen J. Demczak

#39

The logo for CONSOL, featuring the word "CONSOL" in a bold, sans-serif font inside a dark, rounded rectangular shape with a downward-pointing arrow at the bottom.

Consolidation Coal Company  
Mid-Continent Region  
12755 Olive Boulevard  
St. Louis, Missouri 63141  
(314) 275-2300

May 3, 1993

Mr. Lowell Braxton  
Utah Division of Oil, Gas & Mining  
355 W. North Temple  
3 Triad Center - Suite 350  
Salt Lake City, UT 84180-1203

Re: Emery Mine - Permit # ACT 015/015  
Clarification of 1st Quarter 1993 UPDES  
Discharge Monitoring Reports (DMR)

Dear Mr. Braxton

As per my conversation this day with Steve Demczak of your staff, the following discussion is provided to clarify DMR information submitted on April 12, 1993 for UPDES Permit No. 0022616. Mr. Demczak observed that total dissolved solids (TDS) values of 3958, 4162 and 4068 ppm appear to have exceeded the permit limit of 3500 ppm for January, February and March at Outfall 001. The UPDES permit states that TDS values shall be determined by a flow weighted average of all permit discharges on the day of sampling. Since the values reported for Outfall 001 are not weighted averages they cannot be used to judge compliance with the TDS permit limit.

Due to the nature of the drainage control system, Outfalls 001 and 003 are the only outfalls that discharge at the mine. These outfalls are always sampled on the same day so that a flow weighted TDS average can be reported. The corresponding flow weighted maximum values for the 1st quarter of 1993 were 2878, 2759 and 2690 ppm for January, February and March. These values are less than the permit limit and therefore no exceedances occurred or were reported.

Mr. Lowell Braxton  
May 3, 1993  
Page 2

Prior to this quarter at the direction of Harry Campbell of the Utah Division of Water Quality, DMR's were completed using the calculated flow weighted maximum TDS value for both Outfalls 001 and 003 for any particular month. Actual TDS values analyzed for each outfall were not reported on the DMR's. At the end of 1992 Division supervision of this permit changed from Mr. Campbell to Steve McNeal. At Mr. McNeal's direction the actual and not the calculated flow weighted TDS values were reported for the 1st quarter with additional pages of information attached to show the weighted averages. On subsequent DMR submissions references to enclosed sheets containing weighted average TDS values will be posted on the DMR form.

If you have any questions concerning this information, please call.

Sincerely,



Richard J. Denning  
Permit Coordinator

RJD/vms

Enclosures

cc: Steve Demczak - Utah DOGM  
Steve McNeal - Utah DEQ