0001

orig [redacted] to J Helfrich

RECEIVED FEB 13 1986 DIVISION OF OIL, GAS & MINING

United States Department of the Interior
Office of Surface Mining
Mine Site Evaluation Inspection Report

For Office Use Only

1a	1b	1c
Y Y M M	Batch	Report

2. Name of Permittee: Genwalt Coal Company

3. Street Address: PO Box 1201

4. City: Huntington

5. State: UT

6. Zip Code: 84578

7. Area Code: 801

8. Telephone Number: 687-9813

9. MSHA Number: 42-01715-

10. Date of Inspection (Y Y M M D D): 860129

11. State Permit Number: ACT 015 032 #7

12. Name of Mine: Crandall Canyon #1

13. County Code: 015

14. State Code: UT

15. Strata:

16. State Area Office: 01

17. OSM Field Office No.: 02

18. OSM Area Office No.:

19. OSM Sample No.:

20. Type of Inspection (Code): C

21. Joint Inspection Yes [ ] No [X]

22. Inspector's ID No.: 116

23. Status

A	01	Type of Permit
B	A	Mine Status (Code)
C	20	Type of Facility (Code)
D	00160.0	Number of Permitted Acres
E	00003.0	Number of Disturbed Acres

24. Type of Activity (check applicable boxes).

A	[ ]	Steep Slope	E	[ ]	Anthracite
B	[ ]	Mountain Top Removal	F	[X]	Federal Lands
C	[ ]	Prime Farmlands	G	[ ]	Indian Lands
D	[ ]	Alluvial Valley Floors	H	[ ]	Other

25. Compliance Standards (Codes)

Instructions: Indicate compliance code. For any standard marked 2 or 3 provide narrative to support this determination.

Standards That Limit the Effects to the Permit Area

A	1	Distance Prohibitions
B	1	Mining Within Permit Boundaries
C	1	Signs and Markers
D	2	Sediment Control Measures
E	2	Design and Certification Requirements--Sediment Control
F	1	Effluent Limits
G	[redacted]	Surface Water Monitoring
H	1	Ground Water Monitoring
I	3	Blasting Procedures
J	2	Haul/Access Road Design and Maintenance
K	3	Refuse Impoundments
L	[ ]	Other: Specify _____

Standards That Assure Reclamation Quality and Timeliness

M	2	Topsoil Handling
N	1	Backfilling and Grading
O	1	Following Reclamation Schedule
P	1	Revegetation Requirements
Q	3	Disposal of Excess Spoil
R	1	Handling of Acid or Toxic Materials
S	1	Highwall Elimination
T	3	Downslope Spoil Disposal
U	1	Post Mining Land Use
V	1	Cessation of Operations: Temporary
W	[ ]	Other _____

FILE COPY

Distribution: Original - Field Office, Green - Headquarters, Blue - State's Copy, Yellow - Inspector's Copy, Pink - File Copy

United States Department of the Interior
Office of Surface Mining
Mine Site Evaluation Inspection Report

26. State Permit Number: ACT 015 032

27. Date of Inspection (YYMMDD): 860129

28. Do mining and reclamation activities on the site comply with the plans in the permit? Yes ☐ No ☒ If no, provide narrative to support this determination.

29. Indicate number of complete and partial inspections conducted by the State to date for this annual review period:

29a. 02 Number of Completes 29b. 07 Number of Partials

30. Indicate number of complete and partial inspections required by the State during this annual review period:

30a. 03 Number of Completes 30b. 06 Number of Partials

31. Has inspection frequency been met?

	Yes	No			Yes	No	
31a.	☐	☒	Completes	31b.	☒	☐	Partials

#7

32. FEDERAL ENFORCEMENT INFORMATION. [Enter violation number. Check appropriate box(es)]

	Ten-Day Notice No.	Notice of Violation No.	Cessation Order No.	Violation Codes
	86-02-116-002			
A	☐	☐	☐	Authorizations to Operate
B	☐	☐	☐	Signs and Markers
C	☐	☐	☐	Backfilling and Grading
D	☐	☐	☐	Highwall Elimination
E	☐	☐	☐	Rills and Gullies
F	☐	☐	☐	Improper Fills
G	☒	☐	☐	Topsoil Handling
H	☐	☐	☐	Sediment Ponds
I	☐	☐	☐	Effluent Limits
J	☐	☐	☐	Water Monitoring
K	☒	☐	☐	Buffer Zones
L	☐	☐	☐	Roads
M	☐	☐	☐	Dams
N	☐	☐	☐	Blasting
O	☐	☐	☐	Revegetation
P	☐	☐	☐	Spoil on the Downslope
Q	☐	☐	☐	Mining Without Permit
R	☐	☐	☐	Exceeding Permit Limits
S	☐	☐	☐	Distance Prohibitions
T	☐	☐	☐	Toxic Materials
U	☒	☐	☐	Other Violations

33. Name of Authorized Representative (print or type): HENRY P. AUSTIN

Signature of Authorized Representative: Henry P. Austin Date: 2-4-86

Signature of Reviewing Official: [illegible] Date: [illegible]

060
040
120
040

Distribution: Original - Field Office, Green - Headquarters, Blue - State's Copy, Yellow - Inspector's Copy, Pink - File Copy IE - 163 (1/83)

Company Genwal Coal Company

P.O. Box 1201

Huntington, UTAH 84578

Inspector Henry Austin

Others Robert Gent, Charles Gent, Andy King
Wayne Douglas; Genwal Coal Comp.

Mine Crandall Cny. #1 - 10A6 -

Permit ACT-015-032

Date: 1-29-86

Inspection Type Complete, Routine, unaccompanied

Conducted complete, routine inspection on 1-28 & 29-86, identified myself to Robert Gent, foreman, upon initial site inspection of 1-28-86. Accompanied on 1-29-86 by other Genwal Coal Co. representatives listed above. Permanent program permit approved 5/12/83.

Road construction / sediment pond embankment construction began here May thru August 83 (approx. - according to DOGM insp. reports. Forest Service road use permit specifies surface treatments (magnesium chloride, etc) or asphalting the Class I road may be necessary for effective dust supression. According to Andy King - a meeting with F.S. personel was scheduled for 1-27-86, but had been canceled. Apparently, the F.S. may be requiring asphalt surfacing (within 40 months of hauling according to road use permit).

The permittee has been routinely and excessively found to be in non-compliance with both his approved permit conditions and permanent program performance standards. DOGM issued notices of violation in 1983 which cited, ① Perimeter and buffer zone markers, ② Mining off permit area (fuel and material/equipment storage, 8-83 and ③ failure to monitor surface and groundwater - a FTA-Cessation Order was issued for groundwater monitoring negligence.

Violations cited in 1984 included, ① failure to meet effluent limits (2-84), ② Placing snow / snow residuum on berm at buffer zone area, ③ fail to monitor groundwater in accord with permit (7-84), ④ failure to maintain sediment

(cont.)

control and fail to protect upper topsoil stockpile (6-84), ⑤ Mining outside of permit area (An imminent harm Cessation Order was issued for this MOP violation - CO 84-2-1-1 on 8-3-84 and terminated on 8-21-84 based on "plan submittal" Permittee had trespassed on underground BLM Coal Lease.), ⑥ Failure to meet effluent limits (9-84), ⑦ Failure to control non-coal wastes, ⑧ Fail to conduct surface water monitoring according to permit, ⑨ Fail to install surface water monitoring stations as per permit, ⑩ Fail to maintain sediment control (stockpile/yard area) (9-84), ⑪ Fail to protect both topsoil stockpiles (A FTA Cessation Order was issued for both stockpiles on 10-84), ⑫ Failure to meet effluent limits.

Violations cited in 1985 include ① Failure to follow mine plan (construction of principal spillway), ② Fail to monitor surface water as per permit (3-85), ③ Failure to maintain road drainage systems, (3-85) ④ Fail to monitor groundwater as per permit (3-85), ⑤ Fail to maintain sed. ~~po~~ control (3-85), ⑥ Fail to maintain sediment controls (9-85), ⑦ Improper non-coal waste storage (4-85) ⑧ Fail to protect upper topsoil stockpile (A FTA Cessation Order was issued 4-85 for protection of upper topsoil stockpile, ⑨ Failure to pass surface drainage thru sed pond (A FTA Cessation Order was issued 4-85 for this violation), ⑩ Failure to construct undisturbed drainage system as per permit (5-85) It is evident from inspection and enforcement review that the permittee has neglected implementing permit monitoring and construction location requirements, as well as continually neglecting sediment control measures and topsoil protection.

(cont.)

Presently outstanding are NOV 85 4-5-2 (Locating mine facilities south of F.S. Development Road. This NOV was issued on 2-22-85 and terminated on 5-23-85 based on "submittal of plans." The original submittal has gone thru two seperate technical reviews and resultant deficiency letters sent to GENWAL requesting additional information. The required mid-term permit review was initiated approx. 11-85; and a complete relocation of mine facilities presently located south of forest development road is planned. This relocation will be to the area west and adjacent to explosives storage area. This expansion and relocation will also impact sediment pond sizing. The sed pond was enlarged this fall and sized to present disturbed area. The bentonite sealer has not been re applied due to additional enlargement planned and snow conditions in pond. Pond dry and not discharging. Several yards (large slush in one location) of road surfacing and ice has been disposed into the sediment pond's south east facing slope. Mid term permit review is tentatively scheduled for approval of the new MRP to be completed by 5-1-85. Refer to DOGM letter dated 12-27-85 concerning GENWAL'S failure to meet deadlines for actual construction allowing "on-the-ground compliance". Although timely warnings and requests for additional info. were given by DOGM, the permittee was not issued a failure to abate cessation order when deadlines were not met. This violation has been unabated for one-year as of this writing. [Copy of 12-27 letter attached] (cont.):

Notice of violation N85-4-16-1 (issued 5-10-85) was issued for failure to construct and maintain the undisturbed drainage ditch above the portals. This notice has since been modified to require construction of ditch(s) to begin 6-1-86 and completed by 6-15-86. No recent work was evident on undisturbed diversion areas.

As mentioned, sed. pond has been enlarged as required in 11-19-85 conditional approval of "Temporary stabilization measures. The piezometer has been installed in pond embankment as required by DOGM, according to Mr. King, the water level fluctuated upward approx. 20 inches two weeks after the piezometer was installed, and there has been no appreciable change since then. DOGM has requested a new geotechnical analysis of pond embankment and underlying material(s) According to Mr. King, Generals' response to final review comments the DOGM has made on the new MRP were due on 1-31-86.

General has requested a variance to the 100 foot buffer zone requirement at Crandall Ck. There is no DOGM response to this request (letter dated 10-8-85) in the records. There is presently soil materials which are contributing suspended solids to Crandall Ck. located on south face of road berm between power plant and 1st upstream buffer zone marker. This material is slumping down hill, thru the buffer zone to Crandall Ck. I could not determine whether the material is slumping off the established but unprotected road berm, or whether the material was recently placed on the berm.

(cont.)

This violation was cited in TDN 86-2-116-2 and discussed with GENWAC EMPLOYEES. Sedimentation (off the approved permit area) is also occuring south and adjacent to lime rock storage trailer, where bladed/piled road surfacing material has slumped down the road fill into the Crandall Ck buffer zone area (variance granted apparently thru final TA to allow road construction activities within 100 feet of Crandall Ck.) — this material is unretrievable and will drain into Crandall Ck. This violation was also cited in TDN 86-2-116-2 and discussed with GENWAC EMPLOYEES.

Material including snow/ice removal and road surfacing is being piled on Class II road fill outslope and has slumped/drained to block interior drainage ditch of Class I road between truck turn around and coal stockpile area. This vio. was cited in TDN86-2-116-2 and discussed with operators (Wayne Douglas) Drainage culvert at road switchback and also at crossover under Class I road to sed. pond are partially frozen but will pass drainage, however, accumulated sediments, particularly at crossover culvert must be removed to avoid clogging culvert(s) as they defrost. Surfacing on Class II road to portals is very marginal and I indicated durable surfacing maintainance was necessary on this road. DOGM required complete elimination of any outer shoulder berms on the Class I haulroad, however, one exists now which was bladed in place from road maintainance grading. It exists between lime rock trailer and upstream topsoil stockpile. Blading this material back onto road base

(cont)

as it defrosts was discussed with MR. Douglas.

The upstream topsoil stockpile still does not have adequate protection. Soil material was washing off south face of stockpile and thru hay bale filter, off the permit area. Vegetative cover on stockpile is inadequate to stop erosion and hay bale filter on permit perimeter has been damaged in at least three locations by ELK browsing. This violation was cited in TDN: 86-2-116-2 and discussed with all GENERAL EMPLOYEES. Downstream stockpile was snow covered.

NPDES permit UT-0024368 was issued 12-9-85, operators were maintaining water monitoring records on site including 4th quarter (1985) report to NPDES.

July 29, 1985 seal pond discharge analysis indicated TDS level of 727 - before 700 mg/l limit was established by NPDES permit.

The required fall spring and seep inventory was completed in october 85 and submitted 11-21-85.

Maintenance / cleaning is necessary at fuel storage area, sawdust is saturated, and some fluid was noticed draining past containment area and out into parking area, towards sediment pond. This was discussed with MR. Douglas.

TDN 86-2-116-2 served on 1-29 to Andy King - and discussed with DAVE Lof, DOGM inspector, personally on 1-30. TDN mailed certified mail to UTAH DOGM on 1-29-86.

Performance standards indicated as not applicable due not exist on site.

HPA

UNITED STATES DEPARTMENT OF THE INTERIOR
Office of Surface Mining
Reclamation and Enforcement

TEN-DAY NOTICE

Originating Office: USDI - OSM
Albuquerque Field Office
219 Central Ave, NW
Albuq, NM 87102

Number: X-86-2-116-2 TV 3

Telephone Number: (505) 766-3917

Ten-Day Notice to the State of UTAH

You are notified that, as a result of A FEDERAL INSPECTION (e.g. a federal inspection, citizen information, etc.) the Secretary has reason to believe that the person described below is in violation of the Act or a permit condition required by the Act. If the State Regulatory Authority fails within ten days after receipt of this notice to take appropriate action to cause the violation(s) described herein to be corrected, or to show cause for such failure and transmit notice of your action to the Secretary through the originating office designated above, then a Federal inspection of the surface coal mining operation at which the alleged violation(s) is occurring will be conducted and appropriate enforcement action as required by Section 521(a)(1) of the Act will be taken.

Permittee: GENWAL COAL COMPANY (Or Operator if No Permit)
County: EMERY
Mailing Address: P.O. Box 1201, Huntington, UTAH 84528
Permit Number: ACT/015/032
Mine Name: CRANDALL CNY

☐ Surface
☒ Underground
☐ Other

NATURE OF VIOLATION AND LOCATION: Failure to protect stockpiled topsoil from wind & water erosion. The uppermost (upstream) stockpile is not adequately protected

Section of State Law, Regulation or Permit Condition believed to have been violated: UMC 817.23

NATURE OF VIOLATION AND LOCATION: Failure to maintain Class I roadside ditch, between truck turn-around and coal stockpile. Ditch filled with snow/gravel from road maintainance

Section of State Law, Regulation or Permit Condition believed to have been violated: UMC 817.155

NATURE OF VIOLATION AND LOCATION: Failure to minimize changes to the premining hydrologic balance. This includes uncontrolled surface runoff and sediment concentrations

Section of State Law, Regulation or Permit Condition believed to have been violated:

~~Remarks or Recommendations~~: from south side of Class I road berm between power plant and 1st upstream buffer zone marker; and road surfacing material stulking south of lime storage trailers.

Date of Notice: 1-29-86
personally served to permittee 1-29-86.

Signature of Authorized Rep.: Henry P. Austin

Print Name and ID: HENRY P. Austin #116

Distribution: Original-State's Copy, Blue-Field Office, Yellow-Inspector's Copy

IE-160 (3/81)