



U.S. DEPT. OF THE INTERIOR OFFICE OF SURFACE MINING Mine Site Evaluation State Program



1. Permittee/Person GENWAL COAL CO., INC.		9. Permit Number UT-015-032	10. Permit Type PP
2. Address P. O. BOX 1420		11. Field Visit Date 02/28/2001 mm - dd - yyyy	12. Purpose O
3. City HUNTINGTON	4. State UT	14. Permit Status A	15. Site Status AP
5. Zip Code 84528	6. Phone Number (435) 687-9813	17. OSM Office # 140	18. CCID # []
7. Operator Name, if Different than Permittee []		20. M.S.H.A ID # 42-01715	21. State Abrev. UT
8. Mine Name CRANDALL CANYON		23. AVS Permittee Entity ID Number 108257	13. SRA Present Y
			16. Facility Type B
			19. Land Code F
			22. County Name EMERY
			24. State Office []

25. Hours	26. Signature Block	27. Reviewing Official:
4.0 a. Permit Review	<i>Henry Austin</i> Signature: 3/5/01	<i>J. Fulton</i> Signature: []
5.0 b. Site Visit Time	HENRY AUSTIN ID # 116	Review Date: 3 / 05 / 01 mm - dd - yyyy
10.0 c. Travel Time	Printed Name: []	Is Supplemental MSE Page Used Y/N Y
1.5 d. Report Writing	Date: 03/05/2001	

Permit Type — Item 10 IP = Interim Program, PP = Permanent Program, NP = No Permit

Purpose Type Codes Item 12

Oxx.... Oversight	RFx.... Reclamation Fees	CCR.... Citizen Complaint Referral (non site visit)
Axx.... Assistance	Fxx.... Federal Actions	CC..... Citizen Complaint (initial site visit)
		CCF.... Citizen Complaint Follow-up

Joint Inspection — Item 13 A joint inspection is when a state inspector accompanies an OSM inspector any time during the review of the mine site.

Permit Status — Item 14

A.... Active: Coal mining and reclamation activities occurring or permitted but not yet disturbed.	AB.... Abandoned: All surface and underground coal mining activities have ceased and operator has left the site without completing reclamation as defined in 30 CFR 840.11(g)
IN.... Inactive (Permanent Program Permit): Phase II completed or Temporary Cessation of Operations. (Interim Program Permit) Coal mining completed and reclamation activities initiated.	AB1.. Bond Forfeiture: Bond forfeiture officially in process or completed, and reclamation in progress or not yet commenced.
BR.... Bond Release: Reclamation completed and State Regulatory Authority (RA) has released all of the bond (Phase III Release).	AB2.. Partially Reclaimed Forfeiture: Forfeited site where all bonds have been used to reclaim site, but site not reclaimed to Program standards.
	AB3.. Reclaimed Forfeiture: Forfeited site that has been reclaimed to Program standards.
	NA.... Not Applicable: When site is unpermitted.

Site Status Codes — Item 15

ND... No Disturbance: No coal mining and reclamation operations have been started.	MC... Mining Complete: No mining activity on site, site regraded and awaiting phase bond release.	NS.. Non-Site Visit: Status of site not determined.
EX... Coal Exploration: Coal exploration operations have started and where coal mining operations have not begun.	TC... Temporary Cessation: The RA has granted cessation of mining pursuant to 30 CFR 816/817.131(b).	FP.. Forfeiture Pending: The RA is pursuing actions to revoke the permit, collect the performance bond(s), and/or reclamation of forfeited site is in progress.
AP.. Active Coal Producing: Coal surface mining activities are occurring.	P1... Phase I Release: At least Phase I bond release granted for entire permitted area. For interim permits, partial bond release.	FR.. Forfeited and Reclaimed: Forfeiture reclamation completed.
AN.. Active Non-Producing: Active non-producing facility such as tippie or preparation plant.	P2.. Phase II Release: At least Phase II bond release for the entire permitted area.	FO.. Abandoned Site: Abandoned site that is permitted but there is no bond.
NM... No Mining: The Permit Status is active, site is not in Temporary Cessation, no surface coal mining activity, and site not regraded.	P3.. Phase III Release: Reclamation completed and the RA has released all bond.	WC.. Wildcat: Coal mining and reclamation operations have or are taking place and the activity is not covered by the required permits from the RA.

Facility Type Codes — Item 16

A... Surface	D... Ancillary (Haulroad, Conveyor, and/or Rails)	H... Exploration Permits	L... Remaining site permitted under 30 CFR 785.25
B... Underground	E... Refuse and/or Impoundment	I... Notice of Intent to Explore	
C... Preparation Plant	F... Loading Facility and/or Tippie	J... Exempt 16 and 2/3	
	G... Stockpiles	K... Government Financed Construction Exemption	

Small Business Regulatory Enforcement Fairness Act (SBREFA) Your Comments Are Important

The Small Business and Agriculture Regulatory Enforcement Ombudsman and 10 Regional Fairness Boards were established to receive comments from small businesses about Federal agency enforcement actions. The Ombudsman will annually evaluate the enforcement activities and rate each agency's responsiveness to small business. If you are a small business (a business with 500 or fewer employees including those of affiliates) and wish to comment on the enforcement or compliance activities of OSM, call 1-888-REG-FAIR (1-888-734-3247).

U.S. DEPT. OF THE INTERIOR OFFICE OF SURFACE MINING

Mine Site Evaluation

State Program
Continuation Page

Permittee/
Person **GENWAL COAL CO., INC.**

Permit
Number **UT-015-032**

Field Visit
Date **02/28/2001**

28. Performance Standard Categories

Codes: 1=Compliance, 2=Noncompliance, 3=Not Planned, 4=Not Started, 5=Noncompliance Identified Elsewhere, 6=Previously Cited

<p>A. Administrative</p> <ol style="list-style-type: none"> 1. <u>1</u> Mining within Valid Permit 2. <u>1</u> Mining within Bonded Area 3. <u>1</u> Terms & Conditions of Permit 4. <u>1</u> Liability Insurance 5. <u>1</u> Ownership and Control 6. <u>1</u> Temporary Cessation 7. ___ AML Rec. Fees -- Non-Respondent 8. ___ AML Rec. Fees -- Failure to Pay <p>B. Hydrologic Balance</p> <ol style="list-style-type: none"> 1. <u>1</u> Drainage Control 2. <u>1</u> Inspections & Certifications 3. <u>1</u> Siltation Structures 4. <u>1</u> Discharge Structures 5. <u>1</u> Diversions 6. <u>1</u> Effluent Limits 7. <u>1</u> Ground Water Monitoring 8. <u>1</u> Surface Water Monitoring 9. ___ Drainage -- Acid-Toxic Materials 10. <u>1</u> Impoundments 11. <u>1</u> Stream Buffer Zones <p>C. Topsoil & Subsoil</p> <ol style="list-style-type: none"> 1. <u>1</u> Removal 2. <u>1</u> Substitute Materials 3. <u>1</u> Storage and Protection 4. <u>1</u> Redistribution 	<p>D. Backfilling & Grading</p> <ol style="list-style-type: none"> 1. <u>1</u> Exposed Openings 2. <u>1</u> Contemporaneous Reclamation 3. <u>1</u> Approximate Original Contour 4. <u>1</u> Highwall Elimination 5. <u>1</u> Steep Slopes (includes downslope) 6. <u>3</u> Handling of Acid & Toxic Materials 7. <u>1</u> Stabilization (rills and gullies) <p>E. Excess Spoil Disposal</p> <ol style="list-style-type: none"> 1. <u>3</u> Placement 2. <u>3</u> Drainage Control 3. <u>3</u> Surface Stabilization 4. <u>3</u> Inspections & Certifications <p>F. Coal Mine Waste (Refuse Piles/Impoundments)</p> <ol style="list-style-type: none"> 1. <u>3</u> Drainage Control 2. <u>3</u> Surface Stabilization 3. <u>3</u> Placement 4. <u>3</u> Inspections and Certifications 5. <u>3</u> Impounding Structures <p>G. Use Of Explosives</p> <ol style="list-style-type: none"> 1. <u>3</u> Blaster Certification 2. <u>3</u> Distance Prohibitions 3. <u>3</u> Blast Survey/Schedule 4. <u>3</u> Warnings & Records 5. <u>3</u> Control of Adverse Effects 	<p>H. <u>1</u> Subsidence Control Plan</p> <p>I. Roads</p> <ol style="list-style-type: none"> 1. <u>1</u> Road Construction 2. <u>1</u> Certification 3. <u>1</u> Drainage 4. <u>1</u> Surfacing and Maintenance 5. <u>1</u> Reclamation <p>J. Signs & Markers</p> <ol style="list-style-type: none"> 1. <u>1</u> Signs 2. <u>1</u> Markers <p>K. <u>1</u> Distance Prohibitions</p> <p>L. Revegetation</p> <ol style="list-style-type: none"> 1. <u>1</u> Vegetative Cover 2. <u>1</u> Timing <p>M. <u>1</u> Postmining Land Use</p> <p>N. Other</p> <p style="margin-left: 20px;">General Performance Category</p> <p style="margin-left: 20px;">___ ___ 1) _____</p> <p style="margin-left: 20px;">___ ___ 2) _____</p> <p style="margin-left: 20px;">___ ___ 3) _____</p>
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Performance Standard Categories 30 CFR Counterpart

<p>A. Administrative.....(816/817.71-74)</p> <ol style="list-style-type: none"> 1. Valid Permit.....773.11 2. Mining within Bonded Area.....773.11 3. Terms & Conditions of Permit.....773.17 4. Liability Insurance.....800.60 5. Ownership and Control.....778.13 6. Temporary Cessation.....842.11(e) & 816/817.131 7. AML Rec. Fees -- Non-Respondant.....870.15(b) 8. AML Rec. Fees -- Failure to Pay.....870.15(a) <p>B. Hydrologic Balance.....(816/817.41-57)</p> <ol style="list-style-type: none"> 1. Drainage Control.....45 2. Inspections & Certifications.....49(a)(10) 3. Siltation Structures.....46 4. Discharge Structures.....47 5. Diversions.....43 6. Effluent Limits.....42 7. Ground Water Monitoring.....41(c) 8. Surface Water Monitoring.....41(e) 9. Drainage--Acid - Toxic Materials.....41(f) 10. Impoundments.....49 11. Stream Buffer Zones.....57 <p>C. Topsoil & Subsoil.....(816/817.22)</p> <ol style="list-style-type: none"> 1. Removal.....22(a) 2. Substitute Materials.....22(c) 3. Storage and Protection.....22(c) 4. Redistribution.....22(d) <p>D. Backfilling & Grading.....(816/817.95-107)</p> <ol style="list-style-type: none"> 1. Exposed Openings.....816/817.13, 14, 15, & 823.11 & 21 2. Contemporaneous Reclamation.....100 3. Approximate Original Contour.....102(a)(1) 4. Highwall Elimination.....102(a)(2) 5. Steep Slopes (includes downslope).....107 6. Handling of Acid & Toxic Materials.....102(c) 7. Stabilization (rills and gullies).....95(b) 	<p>E. Excess Spoil Disposal.....(816/817.71-74)</p> <ol style="list-style-type: none"> 1. Placement.....71(e) 2. Drainage Control.....71(f) 3. Surface Stabilization.....71(g) 4. Inspections & Certifications.....71(h) <p>F. Coal Mine Waste (Refuse Piles/Impoundments)(816/817.81-84)</p> <ol style="list-style-type: none"> 1. Drainage Control.....83(a) 2. Surface Stabilization.....83(b) 3. Placement.....83(c) 4. Inspections and Certifications.....83(d) 5. Impounding Structures.....84 <p>G. Use of Explosives.....(816/817.61-68)</p> <ol style="list-style-type: none"> 1. Blaster Certification.....61(c) 2. Distance Prohibitions.....61(d) 3. Blast Survey/Schedule.....62-64 4. Warnings & Records.....66 & 68 5. Control of Adverse Effects.....67 <p>H. Subsidence Control Plan.....(817.121-122)</p> <p>I. Roads.....(816/817.150-151)</p> <ol style="list-style-type: none"> 1. Road Construction.....150(c) 2. Certification.....151(a) 3. Drainage.....150(b)-151(d) 4. Surfacing and Maintenance.....150(e)-151(d) 5. Reclamation.....150(f) <p>J. Signs & Markers(816/817.11)</p> <ol style="list-style-type: none"> 1. Signs.....11(a),(b),&(c) 2. Markers.....11(a),(b),(d),(e),&(f) <p>K. Distance Prohibitions.....(761.11)</p> <p>L. Revegetation.....(816/817.111-116)</p> <ol style="list-style-type: none"> 1. Vegetative Cover.....111 & 116 2. Timing.....113 <p>M. Postmining Land Use.....(816/817.133)</p>
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March 2, 2001

Genwal Resources, Inc. (GRI)
P.O. Box 1420
Huntington, UT 84528

Crandall Canyon Mine
Complete, oversight inspection
February 28, 2001

Participants:

Gary Gray, GRI
Mike Suflita, Utah Division of Oil, Gas and Minerals (DOGM)
Bill Malencik, DOGM
Henry Austin, Office of Surface Mining (OSM)

I participated in a joint, complete, oversight inspection of the above mine on February 28, 2001, with inspection participants noted. Weather conditions were cold and snowing and ground conditions were completely snow covered, which limited direct surface observations of most disturbed areas, diversions, topsoil stockpiles, etc. This mine was selected for Evaluation Year 2001 oversight by the joint DOGM / OSM Evaluation Team.

Before the field inspection I conducted a file review at both the OSM Denver offices and the DOGM Salt Lake City offices. I reviewed the current inspection files, and permitting / correspondence files which included reviews of the following: 1/18/00 letter to DOGM transmitting permit change application required by Division Order (DO) 99A (add spring SP1-9 monitoring location), 9/8/00 permittee submittal of complete, corrected, deficiencies to DO 99A, and 11/6/00 DOGM final approval of DO 99A; 1/28/00 highwall elimination deficiency letter to DOGM (approved changes incorporated into the permit effective 9/2/99, and DOGM final approval of highwall elimination plans dated 3/22/00; 5/13/00 submittal from GRI to DOGM with corrected 4th quarter 1999 and 1st quarter 2000 water monitoring information, and DOGM 10/27/00 technical review of the 4th quarter water monitoring info.; 6/5/00 letter to DOGM from Utah Division of Water Quality documenting 5/12 reconnaissance inspection of the mine, 7/18 letter transmitting draft UPDES permit, and 9/25 correspondence regarding the application to alter a natural stream (#00-93-075A); 4/00 DOGM review of the 1999 Annual Report for the mine (annual report contains subsidence survey from annual air photos); 10/24 DOGM letter initiating the mid-term permit review, 12/6 field review for the mid-term, 12/14 DOGM approval of mid-term review findings/deficiencies, and 2/2/01 GRI submittal of mid-term review responses to address identified deficiencies, including the as-built sediment pond certification, Plate 7-3. This concluded the file review I conducted before the inspection. DOGM is concluding the mid-term permit review with only minor deficiencies, which have been addressed as noted above by GRI.

As noted above, our on site observations were restricted by deep snow cover. The mine is currently moving the longwall underground. The access road was well maintained with no observations of coal spillage or problems with snow removal or mud. The surface disturbance here is limited, and all areas observed were well maintained and very orderly. Appropriate signs and markers were observed.

Crandall Canyon Mine, pg. 2

The above concluded our field inspection, and we returned to the office to conduct additional permitting and environmental monitoring records review. There have been no recent discharges of the sediment pond, and according to Mr. Gray, the pond may have never discharged despite earlier reports to the contrary. Monthly DMR's were not reviewed. There is no history of the pumped mine water discharge bypass having any compliance problems. The sediment pond and mine water bypass are the only two discharge outfalls. We reviewed the following: current liability insurance expires 7/01/01; USFS Special Use Permits and haulroad ROW were available for inspection, the current UPDES Permit No. UT0024368 expires 8/31/2005; the SPCC Plan is certified and available for inspection and dated 10/18/99; water monitoring sites are shown in permit table 7-10; the current sediment pond inspection report is dated 12/14/00; and the surety bond is from American Home Assurance Co., No. 14-96-15 for \$1,654,000. This concluded the inspection. There were no off-site impacts identified during the inspection or shown in the records reviewed.

Please address any questions concerning this report to Henry Austin at haustin@osmre.gov or to (303) 844-1400 X1466.