

CASTLE GATE HOLDING COMPANY

Castle Gate Mine
P.O. Box 30
847 NW HWY 191
Helper, Utah 84526
(435)472-4737
Fax: (435)472-4782

May 20, 2005

Ms. Pamela Grubaugh-Littig
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Joan
-/007/0004

Re: **Phase I Bond Release, Hardscrabble Substation Area, Castle Gate Holding Company, Castle Gate Mine, C/007/004, Task ID #2148**

Dear Ms. Grubaugh-Littig:

Please find enclosed five clean copies of the Phase I Bond Release and the proof of publication.

If you have any questions or need additional information, please do not hesitate to contact me.

Sincerely,



Dennis Ware
Controller and Administrative Manager

Enclosures

RECEIVED
MAY 25 2005
DIV. OF OIL, GAS & MINING

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: Castle Gate Holding Company

Mine: Castle Gate Mine

Permit Number: C/007/004

Title: Hardscrabble Substation Area Phase I Bond Release

Description, Include reason for application and timing required to implement:

Five Clean Copies

Instructions: If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- Yes No 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ increase decrease.
- Yes No 2. Is the application submitted as a result of a Division Order? DO# _____
- Yes No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
- Yes No 4. Does the application include operations in hydrologic basins other than as currently approved?
- Yes No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
- Yes No 6. Does the application require or include public notice publication?
- Yes No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
- Yes No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
- Yes No 9. Is the application submitted as a result of a Violation? NOV # _____
- Yes No 10. Is the application submitted as a result of other laws or regulations or policies?
Explain: _____
- Yes No 11. Does the application affect the surface landowner or change the post mining land use?
- Yes No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
- Yes No 13. Does the application require or include collection and reporting of any baseline information?
- Yes No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
- Yes No 15. Does the application require or include soil removal, storage or placement?
- Yes No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
- Yes No 17. Does the application require or include construction, modification, or removal of surface facilities?
- Yes No 18. Does the application require or include water monitoring, sediment or drainage control measures?
- Yes No 19. Does the application require or include certified designs, maps or calculation?
- Yes No 20. Does the application require or include subsidence control or monitoring?
- Yes No 21. Have reclamation costs for bonding been provided?
- Yes No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
- Yes No 23. Does the application affect permits issued by other agencies or permits issued to other entities?

Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you. (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations herein.

Dennis N Ware
Print Name

[Signature] Controller & Admin.
Sign Name, Position, Date 05-20-05 MS1

Subscribed and sworn to before me this 20th day of May, 2005

Tanya Short
Notary Public
My commission Expires: _____
Attest: State of Utah } ss:
County of Emery



For Office Use Only: 	Assigned Tracking Number:	Received by Oil, Gas & Mining <div style="text-align: center; font-size: 1.2em; font-weight: bold;">RECEIVED</div> <div style="text-align: center; font-size: 1.5em; font-weight: bold;">MAY 25 2005</div> DIV. OF OIL, GAS & MINING
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TABLE 3.1-2
SUMMARY OF BONDING AND RECLAMATION COSTS

SITE	DISTURBED ACRES	BONDING AMOUNT
Sowbelly Canyon (Gulch)	21	\$233,000
Hardscrabble Canyon	39	\$286,100
Adit No. 1	3	\$129,054
TOTAL	63	\$648,154

LIST OF APPENDICES (Continued)

APPENDIX 3.3H	STABILITY ANALYSIS FOR THE PROPOSED FILL SLOPES IN HARDSCRABBLE NO. 4 MINE CANYON
APPENDIX 3.3I	<i>DELETED</i>
APPENDIX 3.3J	RECLAMATION AS-BUILT HYDROLOGY CALCULATIONS, NO. 4 MINE CANYON HCRD-1
APPENDIX 3.3K	CHANNEL AND RIPRAP CERTIFICATIONS, RECLAIMED CHANNEL HCRD-1
APPENDIX 3.3L	LETTER REQUESTING POST-RECLAMATION ACCESS IN HARDSCRABBLE CANYON
APPENDIX 3.3M	HARDSCRABBLE CANYON 1995 SOIL EVALUATION
APPENDIX 3.3N	HARDSCRABBLE CANYON RECLAMATION AS-BUILT HYDROLOGY CALCULATIONS
APPENDIX 3.3O	HARDSCRABBLE CANYON RECLAMATION AS-BUILT CHANNEL CERTIFICATIONS
APPENDIX 3.3P	HARDSCRABBLE CANYON RECLAMATION AS-BUILT MAIN CANYON MASS BALANCE VOLUMES
APPENDIX 3.3Q	HARDSCRABBLE CANYON RECLAMATION AS-BUILT FILTER BLANKET PLACEMENT
APPENDIX 3.3R	HARDSCRABBLE CANYON BOND RELEASE NEWSPAPER ADVERTISEMENTS AND LAND OWNER AND AGENCY LETTERS
APPENDIX 3.3S	HARDSCRABBLE CANYON AS-BUILT SEED MIXES

presented in Table 3.3-9. Each channel was designed to account not only for the depth of flow during the design event but also an appropriate freeboard.

All channels were designed to be trapezoidal except those to control runoff from the road. Most have no extraordinary features. However, because HCRD-6 will be constructed in approximately the same location as the pre-mining drainage, the runoff conveyed by this small channel will drop over an existing, near-vertical ledge and into a plunge pool. Runoff will then be conveyed downslope to HCRD-7. The design of the channel and plunge pool are included in Appendix 3.3C. Profiles of this and other reclamation channels are provided on Exhibits 3.3-8C and 3.3-8D. As-built profiles and cross sections for all reclamation channels, except for the substation area, are provided on Exhibits 3.3-21A, 3.3-21B, 3.3-21C, and 3.3-22. As-built profiles and cross-sections for HCRD-12 and swale road crossing in the substation area are found in Appendix 3.3O.

Road culverts were not installed. Instead of culverts, swales were installed at the former culvert locations and at two additional locations as shown on Exhibit 3.3-19.

Appendix 3.3C also provides an evaluation of the need for filter-blanket materials beneath the riprap in reclamation channels which remain to be constructed. According to these evaluations, filter blankets will not be required in any of the channels except for the upstream, steepest portion of channel HCRD-8 (a length of approximately 320 feet). The design of this filter material is discussed in Appendix 3.3C, as are riprap gradations for each reclamation channel. Filter-blanket sizing and riprap gradations were determined in accordance with methods presented by Barfield et al. (1981).

Estimates for riprap and filter blanket volumes required for construction of future reclamation channels are presented in Table 3.3-10. Approximately 140,700 cubic feet of riprap (9,800 tons) and 9,520 cubic feet of filter material (620 tons) will be required to construct the reclamation channels.

During reclamation, however, it was identified through sampling, see Appendix 3.3Q, that more filter material (5,200 tons) was needed in channels HCRD-7 and HCRD-8 where riprap sizing was D_{50} -15" and D_{50} -24". Therefore the filter blanket began at station 11+00 to 18+45 of channel HCRD-7, then from station 22+00 to 38+00 of channel HCRD-8.

As noted previously, reclamation of the No. 4 Mine side canyon was completed in 1995. Reclamation of the balance of Hardscrabble Canyon started in 1996. Since reclamation channel HCRD-1 from the No. 4 Mine canyon cannot empty into the main reclamation channel HCRD-8 until

the main canyon is reclaimed, HCRD-1 was routed to operational diversion HCD-7 until HCRD-8 was installed.

Information regarding the operational diversions is presented in Appendix 3.3B, Tables 3.3-1 through 3.3-4, and Exhibit 3.3-3. These structures were retained until replaced during reclamation.

As-built reclamation channel calculations and certifications for the substation area are presented in Appendix 3.3O and shown on Exhibit 3.3-23 (Hardscrabble Canyon As-Built Reclamation Topography and Treatment Map).

3.3-4(3) Alternative Sediment Control Measures

Due to the narrow nature of the canyon and the desire to avoid redisturbance of a significant portion of Hardscrabble Canyon in a future phase of reclamation, the operational hydrology sedimentation ponds 007, 008 and 009 were removed during the Phase II grading operations. Therefore, alternative sediment control measures (ASCMs) were implemented during reclamation of the site to reduce the quantity of sediment yield from the area. As noted in section 3.3-4(1), these ASCMs will include the following practices in varying degrees:

1. Ripping of the regraded surface prior to placement of growth media,
2. Incorporation of hay mulch into the growth media,
3. Deep gouging of the growth media,
4. Seeding the prepared soil,
5. Addition of more mulch following seeding, and
6. Physically or chemically anchoring the final mulch layer.

Also, as noted in Section 3.3-4(2), stream channels which are constructed during reclamation will be armored with appropriate riprap to provide long-term protection against channel erosion. Furthermore, areas that do not exhibit successful revegetation will be reseeded. Based on Simons, Li & Associates (1983), these methods are effective at controlling sediment yields for the purpose of mine reclamation.

Phase III Reclamation

- | | | |
|----|---------------------------------|----------------------------|
| 5. | Vegetation and water monitoring | For 10 years after seeding |
| 6. | Reclamation monitoring | Until bond release |

Phase IV Reclamation

- | | | |
|----|-----------------------|-------------------|
| 7. | Removal of substation | Completed in 2002 |
|----|-----------------------|-------------------|

Phase V Reclamation

- | | | |
|----|--|----------------------------|
| 8. | Vegetation monitoring of substation area | For 10 years after seeding |
|----|--|----------------------------|

3.3-6 Highwall Variance from Approximate Original Contour

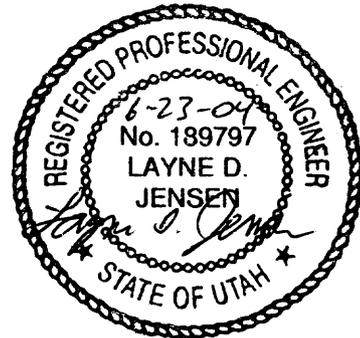
The highwalls created to access the coal outcrops in Hardscrabble Canyon were created during the early 1960's prior to the advent of SMCRA and were not re-affected after SMCRA. The location and extent of these highwalls is delineated on Exhibit 3.3-2, as the No. 3 portal highwall, the No. 4 portal highwall and the No. 5 mine return air shaft.

The highwalls in the Hardscrabble Canyon are not significantly greater in height or length than the dimensions of existing cliffs in the surrounding area. The highwalls are similar in structural composition to the preexisting cliffs in the surrounding area and are compatible with the visual attributes and geomorphic processes of the area (R645-301-553.651 through 553.653). Documentation for these statements can be found in Appendix 3.3D, Section 3.6 beginning on page 3-4 of the EarthFax Slope Stability Analyzes.

The reclamation plan shown on Exhibits 3.3-4 and 3.3-4A, and as reclaimed as shown on Exhibits 3.3-19, 3.3-23, and 3.3-17 also meets the requirements of R645-301-553.500 through 553.524. The volume of spoil material is insufficient to completely backfill the highwalls. The highwalls will be eliminated to the maximum extent possible, but the results will be limited by the lack of available spoil material.

Limited spoil material is available in Hardscrabble Canyon for several reasons. When the highwalls were cut in the 1960's, most of this material was pushed onto the side slopes of the

*Hardscrobble Canyon Substation Area As-built
Reclamation Channel and Certification*



HCRD-12 MIN SLOPE Worksheet for Trapezoidal Channel

Project Description	
Worksheet	Hardscrabble Canyon
Flow Element	Trapezoidal Channel
Method	Manning's Formula
Solve For	Channel Depth

Input Data	
Mannings Coefficient	0.039
Slope	0.059000 ft/ft
Left Side Slope	2.60 H : V
Right Side Slope	2.60 H : V
Bottom Width	3.00 ft
Discharge	1.48 cfs

$n = 0.0456 (\text{slope} \times R_{50})^{0.149}$
 $\frac{0.039}{0.059 \times 6} = 0.039$
 (Abt et al, 1987)

Results	
Depth	0.17 ft
Flow Area	0.6 ft ²
Wetted Perimeter	3.93 ft
Top Width	3.87 ft
Critical Depth	0.19 ft
Critical Slope	0.041093 ft/ft
Velocity	2.58 ft/s
Velocity Head	0.10 ft
Specific Energy	0.27 ft
Froude Number	1.18
Flow Type	Supercritical

$\text{freeboard} = 0.5'$
 $0.17 \text{ ft} < 0.67$

HCRD-12 MAX SLOPE Worksheet for Trapezoidal Channel

Project Description	
Worksheet	Hardscrabble Canyon
Flow Element	Trapezoidal Channel
Method	Manning's Formula
Solve For	Channel Depth

Input Data	
Mannings Coefficient	0.042 $n = 0.0456 (0.1 \times 6)^{0.158} = 0.424$
Slope	0.100000 ft/ft
Left Side Slope	2.60 H : V
Right Side Slope	2.60 H : V
Bottom Width	3.00 ft
Discharge	1.48 cfs

Results	
Depth	0.15 ft
Flow Area	0.5 ft ²
Wetted Perimeter	3.84 ft
Top Width	3.78 ft
Critical Depth	0.19 ft
Critical Slope	0.048150 ft/ft
Velocity	2.91 ft/s $< 5.0 \text{ fps}$ non-erosive
Velocity Head	0.13 ft
Specific Energy	0.28 ft
Froude Number	1.40
Flow Type	Supercritical

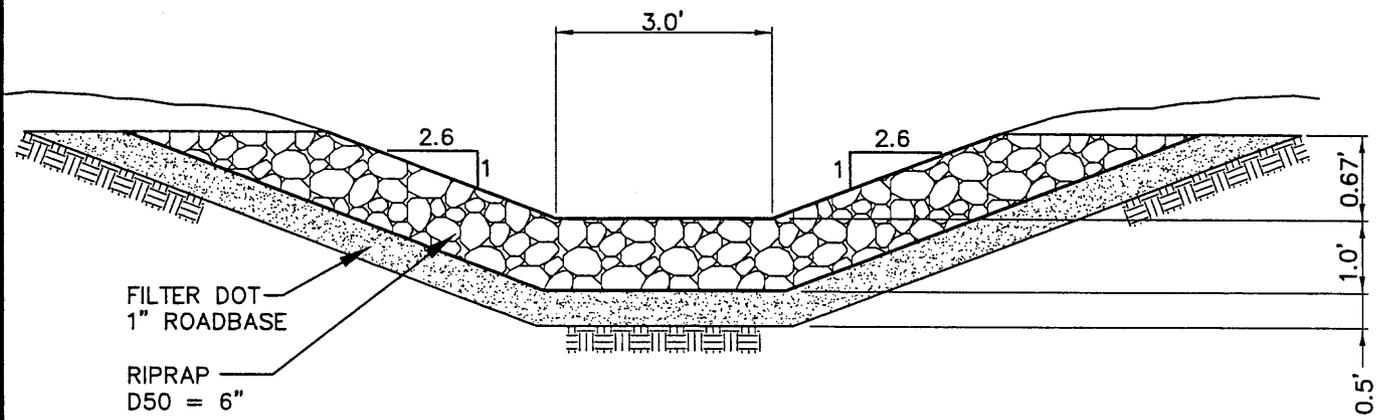
HCRD-12 SWALE ROAD CROSSING Worksheet for Trapezoidal Channel

Project Description	
Worksheet	Hardscrabble Canyon
Flow Element	Trapezoidal Channel
Method	Manning's Formula
Solve For	Channel Depth

Input Data	
Mannings Coefficient	0.033
Slope	0.059000 ft/ft
Left Side Slope	3.00 H : V
Right Side Slope	3.00 H : V
Bottom Width	2.50 ft
Discharge	1.48 cfs

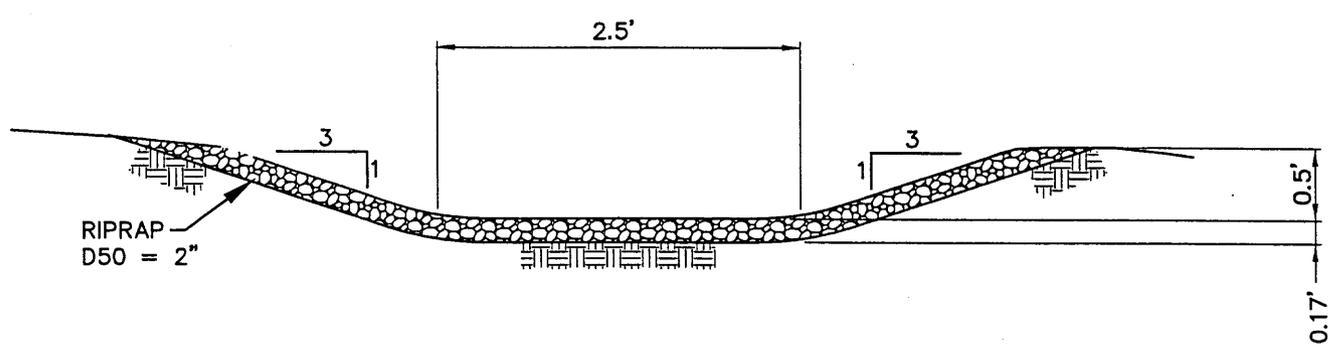
$$n = 0.0456(0.059 \times 2)^{0.159} = 0.326$$

Results	
Depth	0.17 ft < 0.5'
Flow Area	0.5 ft ²
Wetted Perimeter	3.55 ft
Top Width	3.49 ft
Critical Depth	0.20 ft
Critical Slope	0.028616 ft/ft
Velocity	2.98 ft/s < 5.0 ft/s non-erosive.
Velocity Head	0.14 ft
Specific Energy	0.30 ft
Froude Number	1.40
Flow Type	Supercritical



DESIGN FLOW DEPTH = 0.14'
 AS-BUILT FLOW DEPTH = 0.17'
 DESIGN MAX. VELOCITY = 3.27 fps.
 AS-BUILT MAX VELOCITY = 2.91 fps.

HCRD-12
 NO SCALE

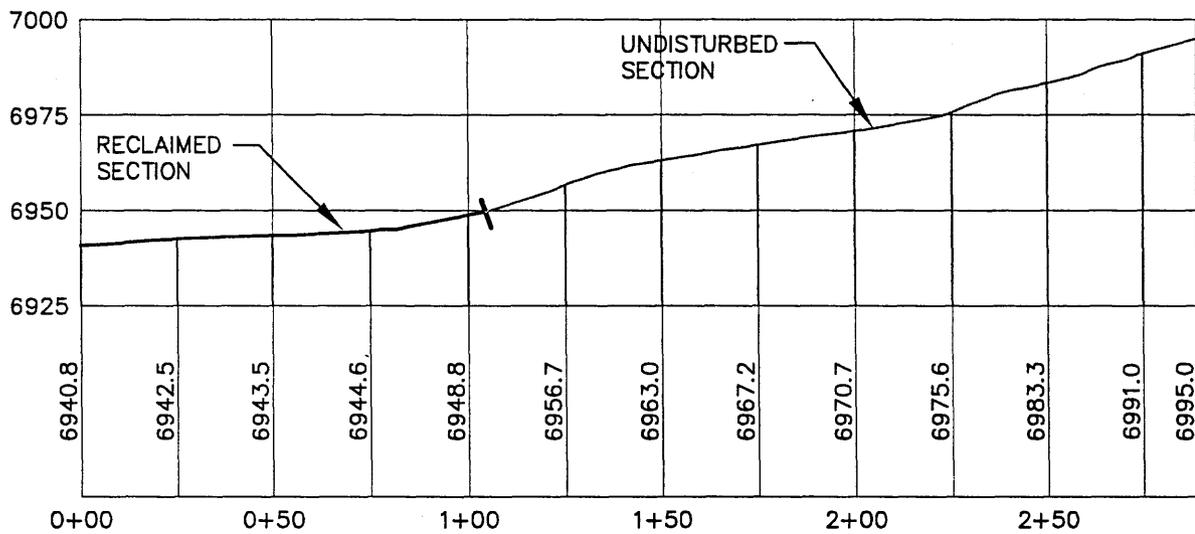


FLOW DEPTH = 0.17'
 MAX. VELOCITY = 2.98 fps.

SWALE ROAD CROSSING
 NO SCALE

FIGURE 1. HARDSCRABBLE CANYON SUBSTATION AREA CHANNEL CROSS-SECTIONS





HCRD-12

MAX. SLOPE = 10.0%

MIN. SLOPE = 5.9%

AVE. SLOPE = 8.7%

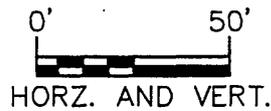


FIGURE 2. HARDCRABBLE SUBSTATION AREA CHANNEL PROFILE **EarthFax**

APPENDIX 3.3R

**HARDSCRABBLE CANYON BOND RELEASE NEWSPAPER ADVERTISEMENT
AND LAND OWNER AND AGENCY LETTERS**

AFFIDAVIT OF PUBLICATION

STATE OF UTAH)

SS.

County of Carbon,)

I, Ken Larson, on oath, say that I am the Publisher of the Sun Advocate, a twice-weekly newspaper of general circulation, published at Price, State a true copy of which is hereto attached, was published in the full issue of such newspaper for 4 (Four) publication was on the 7th day of April, 2005, and that the last publication of such notice was in the issue of such newspaper dated the 28th day of April, 2005.

Ken G. Larson

Ken G Larson - Publisher

Subscribed and sworn to before me this 28th day of April, 2005.

Linda Thayne

Notary Public My commission expires January 10, 2007 Residing at Price, Utah

Publication fee, \$ 532.48



PUBLIC NOTICE

**APPLICATION FOR PHASE I BOND RELEASE
HARDSCRABBLE CANYON SUBSTATION AREA
CASTLE GATE HOLDING COMPANY
CASTLE GATE MINE
PERMIT C/007/004, APPROVED 12/24/94
CARBON COUNTY, UTAH**

Castle Gate Holding Company, 999 Corporate Blvd., Linthicum Heights, MD 21090, has completed Phase I of the approved reclamation plan for the Hardscrabble Canyon substation area of the Castle Gate Mine. This is based on meeting the backfilling and grading and drainage control requirements for Phase I reclamation in accordance with the approved reclamation plan.

In accordance with the provisions of R645-301-880, of the State of Utah R645-Coal Mining Rules, notice is hereby given to the general public that Castle Gate Holding Company is applying for partial release of the performance bond posted for this operation.

The surety bond posted for the Castle Gate Mine is \$680,154 of which \$318,000 is designated for the Hardscrabble Canyon reclamation. Castle Gate Holding Company is seeking release of \$83,100 from the Hardscrabble Canyon portion of the bond. All earthwork, drainage control, and revegetation have been completed on site.

The Hardscrabble Canyon No. 3 & 4 Mines is located on the Standardville, Utah, U.S. Geological Survey 7.5 minute quadrangle map. The mine site is located in Hardscrabble Canyon, approximately 4 miles west-northwest of Helper, Utah. Reclamation work was performed on approximately 0.72 acres located on the following described lands:

Township 13 South, Range 9 East, SLB&M, Utah

Section 3, SE1/4 SW1/4

The Utah Division of Oil, Gas and Mining will now evaluate the proposal to determine whether it meets all the criteria of the Permanent Program Performance Standards according to the requirements of the Utah Coal Mining Rules.

Written comments, objections and requests for public hearing or information conference on this proposal may be addressed to:

Utah Coal Program
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Closing date for submission of such comments, objections and requests for public hearing or information conference on this proposal must be submitted by May 26, 2005.

Published in the Sun Advocate April 7, 14, 21 and 28, 2005.

CASTLE GATE HOLDING COMPANY

Castle Gate Mine
P.O. Box 30
847 NW HWY 191
Helper, Utah 84526
(435)472-0475
Fax: (435)472-4782

September 21, 2004

Mr. Roger Wheeler
Director Land Management
American Electric Power
700 Morrison Road
Gahanna, Ohio 43230-6642

Re: Notification of Application for Phase I Bond Release, Substation Area, Hardscrabble Canyon No. 3 & 4 Mine, Castle Gate Holding Company, Castle Gate Mine, C/007/004, Carbon County, Utah

Dear Mr. Wheeler:

Castle Gate Holding Company has completed Phase I of the approved reclamation plan for the substation area at the Hardscrabble Canyon No. 3 & 4 Mine. This is based on meeting the backfilling and grading requirements for Phase I reclamation.

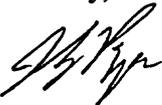
In accordance with the provisions of R645-301-880 of the State of Utah R645 Coal Mining Rules, this letter will serve as notification that Castle Gate Holding Company intends to file an application with the Utah Division of Oil, Gas and Mining for partial release of the performance bond posted for this operation.

The surety bond posted for the Castle Gate Mine is \$680,154 of which \$318,000 is designated for the Hardscrabble Canyon reclamation. Castle Gate Holding Company is seeking release of \$83,100 from the Hardscrabble Canyon portion of the bond. All earthwork and revegetation has been completed on site.

Comments concerning Phase I bond release from the legal or equitable owner of record of the surface areas to be affected and from the Federal, Utah and local government agencies which would have to initiate, implement, approve, or authorize the proposed use of the land following reclamation should be mailed to: Plateau Mining Corporation, Attention: Johnny Pappas, P.O. Box 30, Helper, Utah 84526.

If you have any questions or need additional information, please do not hesitate to contact me at (435) 472-4741.

Sincerely,



Johnny Pappas
Sr. Environmental Engineer

CASTLE GATE HOLDING COMPANY

Castle Gate Mine
P.O. Box 30
847 NW HWY 191
Helper, Utah 84526
(435)472-0475
Fax: (435)472-4782

September 21, 2004

Mr. Mark Mackiewicz
Bureau of Land Management
125 South 600 West
Price, Utah 84501

Re: Notification of Application for Phase I Bond Release, Substation Area, Hardscrabble Canyon No. 3 & 4 Mine, Castle Gate Holding Company, Castle Gate Mine, C/007/004, Carbon County, Utah

Dear Mr. Mackiewicz:

Castle Gate Holding Company has completed Phase I of the approved reclamation plan for the substation area at the Hardscrabble Canyon No. 3 & 4 Mine. This is based on meeting the backfilling and grading requirements for Phase I reclamation.

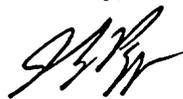
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Sincerely,



Johnny Pappas
Sr. Environmental Engineer

CASTLE GATE HOLDING COMPANY

Castle Gate Mine
P.O. Box 30
847 NW HWY 191
Helper, Utah 84526
(435)472-0475
Fax: (435)472-4782

September 21, 2004

Mr. William D. Krompel
Commissioner
120 East Main Street
Price, Utah 84501

Re: Notification of Application for Phase I Bond Release, Substation Area, Hardscrabble Canyon No. 3 & 4 Mine, Castle Gate Holding Company, Castle Gate Mine, C/007/004, Carbon County, Utah

Dear Mr. Krompel:

Castle Gate Holding Company has completed Phase I of the approved reclamation plan for the substation area at the Hardscrabble Canyon No. 3 & 4 Mine. This is based on meeting the backfilling and grading requirements for Phase I reclamation.

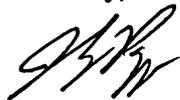
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Johnny Pappas
Sr. Environmental Engineer

CASTLE GATE HOLDING COMPANY

Castle Gate Mine
P.O. Box 30
847 NW HWY 191
Helper, Utah 84526
(435)472-0475
Fax: (435)472-4782

September 21, 2004

Mr. Dave Levanger
Carbon County Planning and Zoning
120 East Main Street
Price, Utah 84501

Re: Notification of Application for Phase I Bond Release, Substation Area, Hardscrabble Canyon No. 3 & 4 Mine, Castle Gate Holding Company, Castle Gate Mine, C/007/004, Carbon County, Utah

Dear Mr. Levanger:

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If you have any questions or need additional information, please do not hesitate to contact me at (435) 472-4741.

Sincerely,



Johnny Pappas
Sr. Environmental Engineer

Hand Scramble
substation

FROM:
Granite Seed Company 1697 W. 2100 N.
Lehi, UT 84043

MIX #: 41093

CASTLE GATE

* PURE			DORM OR		ORIGIN
			GERM	+ HARD	
14.38	FOURWING SALTBU	HIGH ELEV.	59.00	+ 0.00	- TZ NM
3.22	WESTERN WHEATGRASS	ROSANA	92.00	+ 0.00	- WA
7.45	WINTERFAT	VNS	57.00	+ 0.00	- TZ NM
6.73	BLUEBUNCH WHEATGRASS	SECAR	84.00	+ 0.00	- WA
6.43	BASIN WILDRIE	MAGNAR	88.00	+ 0.00	- TZ WA
6.08	THICKSPIKE WHEATGRASS	CRITANA	93.00	+ 0.00	- MT
6.02	INDIAN RICEGRASS	NEZPAR	94.00	+ 0.00	- TZ ID
4.94	SKUNKBRUSH	VNS	86.00	+ 0.00	- TZ UT
4.56	UTAH SERVICEBERRY	VNS	62.00	+ 0.00	- TZ UT
3.14	CURL-LEAF MTN MAHOGANY	VNS	90.00	+ 0.00	- TZ UT
3.08	PURPLE PRAIRIE CLOVER	KANAB	46.00	+ 0.00	- TZ TX
3.04	LEWIS BLUEFLAX	APPAR	93.00	+ 0.00	- TZ WA
2.36	STEM RUBBER RABBITBRUSH	VNS	60.00	+ 0.00	- TZ UT
1.75	SHOWY GOLDENEY	VNS	81.00	+ 0.00	- TZ UT
1.52	YELLOW SWEETCLOVER	VNS	93.00	+ 0.00	- CN
0.64	BIG BLUEGRASS	SHERMAN	89.00	+ 0.00	- WA
0.62	MOUNTAIN BIG SAGEBRUSH	VNS	91.00	+ 0.00	- TZ UT
0.58	PALMER PENSTEMON	VNS	98.00	+ 0.00	- TZ UT
0.34	WHITE YARROW	VNS	84.00	+ 0.00	- TZ WA
0.30	SAND DROPSEED	VNS	95.00	+ 0.00	- CO

0.05 Other Crop
16.72 Inert Matter
0.05 Weed Seed
NET WEIGHT: 26.51 LBS. BULK
17.10 LBS. PLS

Date Tested: 07/10/2002
Restricted Weed: None
% Hard Seed: 0.00

0.75 Ae

GUARANTEE: Granite Seed guarantees its seed to be of promised quality and true to name as specified. Should seed prove to be other than labeled, liability shall be limited to replacement or refund of purchase price.

SHIP TO:
STEVE ELLIS