

CHAPTER 1
TEXT

Mine # C/015/0032
File Incoming Record# 25
Doc. Date 5-31-05
Recd. Date 6-02-05

The right to continue underground mining operations will apply to the property attached hereto as Appendix 1-1.

The surface facility area and permit area is not within 300 feet of any occupied dwelling and is not subject to the prohibitions or limitations of the State and/or Federal Regulations.

GENWAL DISTURBED ACREAGE

Area	Section	within	Acres	parcel
minesite	Section 5	NW ¼	7.778*	Fed Lease UTU-54762
		SW¼	6.086*	Dellenbach Fee
Topsoil Pile #1	Section 5	NW¼	0.2	Forest Service Special Use Permit
Topsoil Pile #2	Section 5	NE¼	0.2	Forest Service Special Use Permit
Topsoil Pile #3	Section 4	NW¼	0.5	Forest Service Special Use Permit
Topsoil Pile #4	Section 4	NW¼	0.5	Forest Service Special Use Permit
TOTAL			15.264	

* Includes all areas within "permitted" disturbed area. Not all acreage is presently disturbed. See Figure 8C.

1.23

VERIFICATION OF APPLICATION

I hereby certify that I am a responsible official (Resident Agent) of the applicant (Andalex and IPA for GENWAL Resources, Inc.) and that the information contained in this application, inclusive of the Forest Service parking lot upgrade, 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.

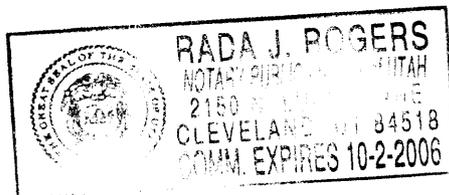
By Edg engineer 5/31/05
Signed - Name - Position - Date

Subscribed and sworn to before me this 31 day of May, 2005

Rada J. Rogers
Notary Public

My commission expires: 10/2, 2006

Attest: STATE OF Utah,
COUNTY OF Carbon, ss:



CHAPTER 1
APPENDIX 1-11

APPENDIX 1-11

LIST OF PREVIOUS VIOLATIONS

CENTENNIAL MINES
PERMIT NUMBER 007/019

DOGM VIOLATIONS 2001 THROUGH MAY 2005

VIOLATION/ CESSATION NO.	DATE ISSUED	ABATEMENT DATE	VIOLATION DESCRIPTION
NO4-49-2-1	1/24/04	3/25/04	Failure to maintain disturbed diversion DD-4 and culvert.
NO5-49-1-1	4/22/05	4/22/05	Failure to monitor water monitoring sites 31-1, AC-1, and B-263.

WESTRIDGE MINE
PERMIT NUMBER 007/041

DOGM VIOLATIONS 2001 THROUGH MAY 2005

VIOLATION/ CESSATION NO.	DATE ISSUED	ABATEMENT DATE	VIOLATION DESCRIPTION
NO2-49-2-1	11/19/02	2/18/02	Diverting mine water through channels and culverts and storing in sediment pond. Abated with submittal of permit change allowing use.
NO2-49-1-1	2/19/02	5/20/02	Failure to maintain or construct diversions according to approved MRP. Abated with the completion of a permit change approval and construction measures.
NO4-49-1-1	1/22/04	1/22/04	Failure to request permit renewal 120 prior to permit expiration. Abated with submittal of permit renewal application.

CRANDALL CANYON MINE
PERMIT NUMBER 015/032

DOGM VIOLATIONS 2001 THROUGH MAY 2005

VIOLATION/ CESSATION NO.	DATE ISSUED	ABATEMENT DATE	VIOLATION DESCRIPTION
NO3-49-2-1	7/30/03	8/20/03	Failure to submit surface blast plan pf more than 5 pounds. Abated with submittal and approval of plan.
NO3-49-1-1	1/8/03	4/15/03	Failure to request permit renewal 120 days prior to permit expiration. Abated with submittal of permit renewal application.
NO4-49-4-1	8/19/04	8/23/04	Employee Parking in Forest Service trail-head. Vehicle removed from trail-head.
N04-49-5-1	9/8/04	9/13/04	Failure to control non-coal waste. Non-coal waste was picked up and stored in appropriate area.

CHAPTER 2
TEXT

2.42 Soil Redistribution

The soil redistribution volumes are presented in the table below for the 13.6 acre surface facility site and 1.40 acre topsoil stockpile areas. (Refer to Figure 8C.)

<u>AREA IDENTIFICATION</u>	<u>ACREAGE</u>	<u>DEPTH</u>	<u>VOLUME</u>
<u>Original Surface Facilities Area</u>			
Portal Area	0.90 acres	12"	1,452 CY
Shop Area	1.09 acres	12"	1,759 CY
Old Substation Area	0.40 acres	12"	645 CY
Old Loadout Area	2.11 acres	12"	3,404 CY
Subtotal	4.50 acres	12"	7,260 CY
<u>Expansion Area</u>			
North Slope Area	0.14 acres	16"	300 CY
S. Slope Bench Area	0.49 acres	16"	1,051 CY
Coal Pile Area	0.41 acres	12"	662 CY
SW corner of mine yard	0.28 acres	12"	452 CY
Nose cut area	0.11 acres	12"	178 CY
Upper coal pile area	0.15 acres	12"	242 CY
Loadout/pond area	0.22 acres	12"	355 CY
South Portals	0.11 acres	16"	236 CY
Subtotal	1.91 acres	12"/16"	3,477 CY
Total Topsoiled Area	6.41 acres		10,737 CY
<u>Areas Not Topsoiled</u>			
Forest Service Road	0.53 acres		
Forest Service Trail Head	0.30 acres		
Topsoil Storage Areas	1.40 acres		
Interim Reclamation Areas	0.78 acres		
Undisturbed Areas - N. Side	0.48 acres		
Unaffected Area Culvert Inlet	0.50 acres		
South Slope Area	2.50 acres		
Undisturb. South Area	1.89 acres		
Area East of Old Loadout	0.22 acres		
Subtotal	8.60 acres		
TOTAL AREA	15.01 acres		

Revised 4/05/2003

The 1.40 acres comprising the four topsoil/subsoil locations will not require soil redistribution since the native topsoil is still in place. The USFS access road and trailhead area will be left intact removing an additional 1.47 acres from reclamation requirements. On the south slope of the Expansion Area, where the fill will be placed to create the coal stockpile yard, the topsoil has been left in place and protected by geotextile fabric. This area will not have any additional soil material placed on it during final reclamation. Topsoil material recovered from this area will instead be dedicated to reclaiming the original mine yard area and area adjacent to the road. On the south slope area adjacent to the permanent coal storage area, topsoil will be removed from a small area of the adjacent slope near the location of the future stacking tube where the southern flank of the coalpile will rest against the existing hillside. This topsoil will be salvaged under the direction of a soils scientist to assure optimum recovery of the soil resource in this area. The soil will be stockpiled off-site at an approved storage location until it is re-used during final reclamation.

The topsoil requirements will be met from the following areas:

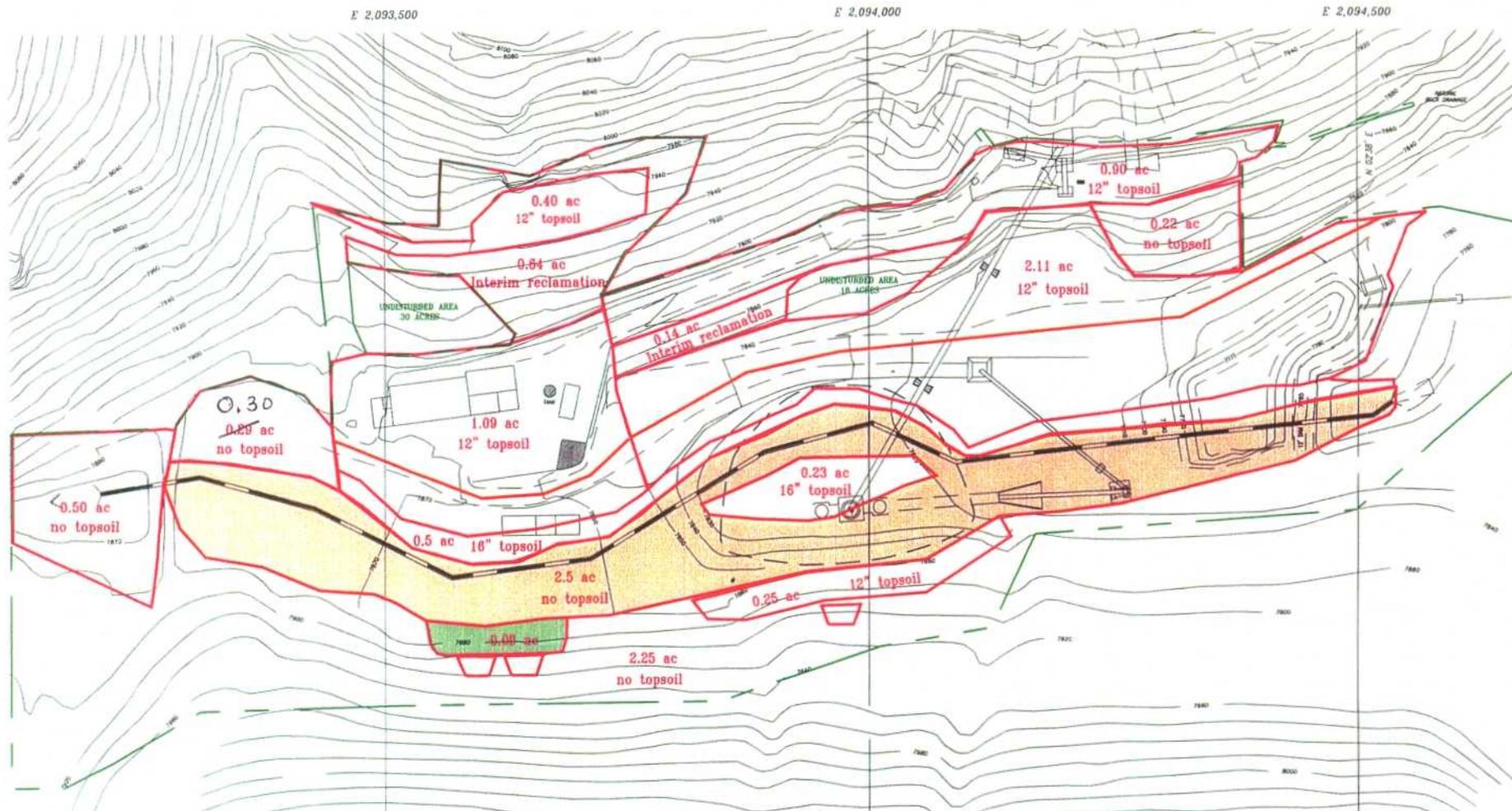
<u>SOIL</u>	<u>ACREAGE</u>	<u>VOLUME</u>	<u>DEPTH</u>
Stockpile 1 (JDE & TCE)	0.20	943 cy	NA
Stockpile 2 (JDE & TCE)	0.20	1087 cy	NA
Stockpile 3 (JDE & TCE)	0.50	3709 cy	NA
Stockpile 4 (Additional)	0.50	2052 cy	NA
Stockpile 4 from coal storage area, Summer 1997 (Areas A, B, C, D, E & G)		4,066 cy	
From coal storage area, August 1998 (Area F)		690 cy	
From South Portals		333 cy	
From Forest Service Trailhead		32 cy	
TOTAL		12,912 cy (previously 9,519)	

The subsoil material has been chemically and physically analyzed, to allow for the suitability determination as a plant growing media (Appendix 2-3). The subsoil was removed from the JDE and TCE areas outlined on Plate 2-1 (see Plate 5-3 for surface facilities).

Topsoil and subsoil of the JDE soil type are stored at the above referenced four locations (Plates 2-2, 2-2a and 2-3). Topsoil stockpiles are a mixture of soil types JDE and TCE. The soil types were not segregated during placement in the existing topsoil stockpiles. Topsoil piles will be maintained in their present location and condition until approval is received from the Division for redistribution.

Revised 4/05/2003

CHAPTER 2
FIGURES



12" Topsoil 16" Topsoil No Topsoil

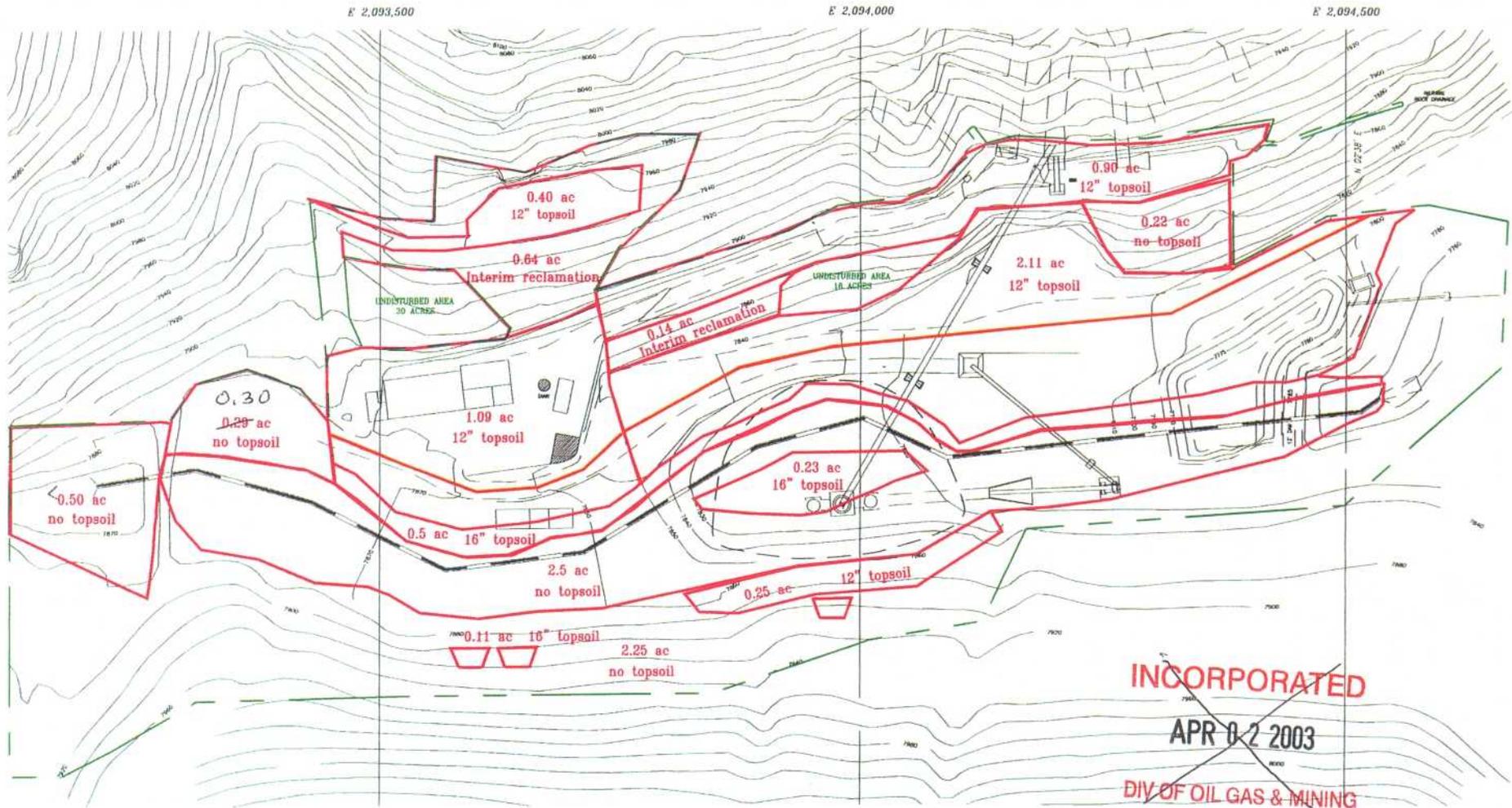
~~INCORPORATED~~

~~APR 02 2003~~

~~DIV OF OIL GAS & MINING~~

FIGURE 8D
SOIL AREAS PROTECTED BY GEOTEXTILE

Proposed South Portals
Culvert Expansion



12" Topsoil		16" Topsoil		No Topsoil	
Shop Area	✓ 1.09 ac	N. Slope Area	0.50 ac	FS Road	0.53 ac
Old Loadout Area	✓ 2.11 ac	S. Slope Bench Area	0.23 ac	Trailhead	0.29 ac
Portal Area	✓ 0.90 ac	South Portals	0.11 ac	Topsoil Storage	0.90 ac
Old Substation Area	✓ 0.40 ac			Interim Reclamation	0.78 ac
Coal Pile Area	0.25 ac			Undisturbed Areas - N. Side	0.48 ac
				Undisturbed Area Culvert Inlet	0.50 ac
				South Slope Area	2.50 ac
				Undisturbed Expan. Area	2.00 ac
				Area East of Old Loadout	0.22 ac

FIGURE 8C
SOIL REDISTRIBUTION AREAS

CHAPTER 5
TEXT

GENWAL Resources acquired the SITLA/PacifiCorp sublease in February 2004 (Refer to Appendix 1-14 for right-of-entry information.) This sublease is described as follows:

T. 16 S., R. 7 E. Section 8 NW $\frac{1}{4}$ NW $\frac{1}{4}$ 40.00 acres

GENWAL Resources acquired the Nielson Fee Lease in April 2004 (Refer to Appendix 1-15 for right-of-entry information.) This sublease is described as follows:

T. 16 S., R. 7 E. Section 8 SW $\frac{1}{4}$ 160.00 acres

It should be noted that throughout this Mining and Reclamation Plan the combined area (1080 acres) of Federal Lease UTU-78953, the SITLA/PacifiCorp sublease and the Nielson Fee Lease is collectively referred to as the South Crandall lease area, the South Crandall tract, the South Crandall mining area and other similar terms.

GENWAL Resources acquired the modification of Federal Lease U-68082 in March, 2005. (Refer to Appendix 1-15 for right of entry information.) This modification is described as follows:

T.15S., R. 7 E.	Section 32	W $\frac{1}{2}$ NW $\frac{1}{4}$	80.00 acres
		NW $\frac{1}{4}$ SW $\frac{1}{4}$	<u>40.00 acres</u>
		Total	120.00 acres

The Forest Service and GENWAL have agreed to than arrangement whereby a certain portion of the trailhead parking lot can be utilized for GENWAL employee parking under the terms of the existing special use permit. To facilitate the flow of public traffic in and out of the trailhead, GENWAL will construct a barricaded exit from the trailhead out through the existing material storage area. This exit will be kept clear of materials, supplies, vehicles and all other potential obstructions so that the public will have unimpeded egress from the trailhead parking area at all times. Employee parking will be restricted to those designated areas as shown on the drawing in Appendix 5-26, so that a 30' wide area along the perimeter of the parking lot is maintained for public parking and run-around. Within this perimeter parking area no employee parking will be allowed. Signs will be installed to delineate the appropriate designated parking areas. Under the terms of the existing Forest Service special use permit GENWAL will continue to utilize the perimeter area of parking lot for snow storage during the winter months when the public no longer uses the trailhead.

To provide for better utilization of this area the trailhead will be expanded slightly, by less than 0.01 acres, by removing an irregular part of the bank at the upper end of the lot. (Refer to Appendix 5-26). Within this area of excavation topsoil will be salvaged and stockpiled in accordance with the approved reclamation plan. A minimum of 24" of topsoil/subsoil will be salvaged and stored at topsoil pile #4 located at the mouth of Crandall Canyon. A minimum of 32 cubic yards of topsoil material will be salvaged from this bank. Any additional material below the top 24" which, based on visual observation, appears to be suitable growth medium will also be salvaged. Once this additional topsoil material has been placed on the existing storage pile it will be re-vegetated as

required by the Forest Service special use permit. The newly created slope-bank at the trailhead will be re-seeded with a final -reclamation seed mix, exclusive of any clover and/or alfalfa.

for reference only
not for insertion

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