



Alton Coal Development, LLC

463 North 100 West, Suite 1
Cedar City, Utah 84720
Phone (435) 867-5331 / Fax (435) 867-1192

C/025/0005
Received 1/8/18
Task #5597

January 3, 2017

Daron R. Haddock
Coal Program Manager
Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

Re: **Phase 1 Bond Release, Alton Coal Development, LLC, Coal Hollow Project,
Kane County, Utah, C/025/0005**

Dear Mr. Haddock:

Pursuant to R645-301-880.300, enclosed on behalf of Alton Coal Development, LLC is a copy of the application for Phase 1 Bond Release for select areas of the Coal Hollow Mine as follows:

- Application for Phase 1 Bond Release
- C1 and C2 Forms
- Public Notice for Bond Release Application
- Plan view and cross-section Figures of "Proposed Phase 1 Bond Release"

Also, as required by R645-301-880.600, notifications of the proposed bond release have been made to the following:

- Southern Utah News
- Heaton Brothers, LLC
- Keith R. & Anne Marie Stanworth
- William and Helen Mackelprang
- G. Ferril and Dorothy M. Heaton
- Dean R. Heaton
- BLM-KFO
- Kane County Planning Commission

- Kane County Water Conservancy District
- Alton Mayor – Alton, Utah

Please contact me at 435-691-1551 should you have any questions or comments. This submittal is being provided electronically, a hard copy with certified drawings will follow.

Sincerely



B. Kirk Nicholes
Environmental Specialist

**Application for Phase 1 Bond Release
Coal Hollow Mine**

**Alton Coal Development, LLC
463 N 100 W, Suite 1
Cedar City, UT 84721**

**Permit # C/025/0005
Permit Approval 11/08/2010**

Alton Coal Development, LLC ("ACD") files this application with the Utah Division of Oil, Gas and Mining for Phase I Bond Release for 24.107 acres of the Coal Hollow Mine, C/025/0005.

ACD has met the requirements of the Coal Hollow Mine ("CHM"), Mining and Reclamation Plan ("MRP") and the Utah Coal Rules as to the backfilling and grading standards (refer to Chapter 5, section 553) for Phase I Bond Release (refer to R645-301-880.300). Pre-mining overburden chemical analysis and a discussion of the potential effects on plants growth and water quality are found in Chapter 6 Appendix 6-2, Chapter 2 Section 240 and Chapter 7 Section 728 respectively of the CHM MRP. Pre-mining subsoil chemical analysis and proscribed replacement depths are found in Chapter 2 Appendix 2-1 Section 5 of the MRP. Phase II or Phase III requirements such as topsoil placement dates, chemical analysis or established plant growth are not considered as part of this Phase I release. No sediment control structures have been included as part of this release, and all bond associated with these structures remains unchanged. This application for Phase I bond release is for the following described areas of the Coal Hollow Mine ("Reclaimed Coal Mine"):

I. LEGAL DESCRIPTION.

1. BRP1 - 13

The following described lands located in Kane County, Utah within the SE 1/4, NE 1/4 of Sec. 30, T39S, R5W:

Beginning from the Section Corner 7-18 T39S, R5W and 12-13 T39S, R6W, proceeding N 00°33'37" E a distance of 2642.53' along the section line to the Quarter Corner 18, T39S, R5W and 13, T39S, R6W; thence S 78°31'30" W a distance of 1251.46' to the true point of beginning; thence S 76°24'45" E a distance of 205.28'; thence N 89°55'02" E a distance of 513.00'; thence N 55°41'43" E a distance of 83.23'; thence N 89°39'40" E a distance of 96.53'; thence N 67°14'06" E a distance of 71.54'; thence N 05°57'04" W a distance of 332.53'; thence N 01°53'28" E a distance of 268.04'; thence N 42°26'00" E a distance of 84.70'; thence N 01°31'25" E a distance of 188.50'; thence N 21°15'29" W a distance of 181.81'; thence N 08°46'19" W a distance of 21.57'; thence S 88°14'20" W a distance of 973.08'; thence S 03°23'30" E a distance of 1039.93'; which is the point of beginning, having an area of 1050118.09 square feet, **24.107 acres**

BRP1 - 13 includes the former Pit 7, 8, 9 and 10 of the North Private Lease that has achieved final grade, subsoil placement and shaping for drainage control. Incremental reclamation of the **BRP1 - 13** was completed in January 2018.

II. SURETY BOND REDUCTION

The Phase I bond release application is for a liability reduction of \$ 2,400,633 from the current disturbance liability of \$ 12,730,495. The current bond for Coal Hollow Mine will remain at \$12,750,000. All of the above-described areas within the Reclaimed Coal Mine meet the

requirements of the MRP and the Division's regulations for post mine land use and for backfilling, regrading and drainage control standards.

III. PUBLIC NOTICE

As required by R645-301-880.600, notification of the proposed bond release has been made to the following:

- Southern Utah News
- Heaton Brothers, LLC
- Keith R. Anne Marie Stanworth
- William and Helen Mackelprang
- G. Ferril and Dorothy M. Heaton
- Dean R. Heaton
- BLM-KFO
- Kane County Planning Commission
- Kane County Water Conservancy District
- Alton Mayor – Alton, Utah

Copies of these notices are attached.

IV. CERTIFICATION

I hereby certify to the best of my information and belief that all information contain in this request for bond release is true and correct, to the best of my knowledge and that all applicable reclamation activities have been accomplished in accordance with the requirement of the Act, the regulatory program and the approved reclamation plan.

By B.K.H. White B.K.H. White

Title Environmental Specialist

Subscribed and Sworn to before me this 3RD day of JAN, 2015. 2018

Notary Public BEM

My Commission Expires: 07/23/21

Attest: State of Utah

County of IRON



**PUBLIC NOTICE PHASE I BOND RELEASE APPLICATION
COAL HOLLOW MINE,
ALTON COAL DEVELOPMENT, LLC**

**Public Notice
Phase I Bond Release Application
Coal Hollow Mine (CHM)
Alton Coal Development, LLC
463 N 100 W, Suite 1
Cedar City, UT 84721
MSHA # 42-02519
Permit # C/025/0005
Permit Approval 11/08/2010**

Notice is hereby given that Alton Coal Development, LLC has filed an application with the Utah Department of Natural Resources, Division of Oil, Gas and Mining for Phase I Bond Release on approximately 24.107 acres of the Coal Hollow Mine ("CHM" or the "Reclaimed Coal Mine").

All areas for bond release have met the standards of the Utah Coal Program as to backfilling, regrading and drainage control for Phase I Bond Release (refer to R645-301-880). The locations of the Reclaimed Coal Mine areas in Kane County, Utah are as follows:

BRP1 - 13 - A portion of the CHM within the SE 1/4, NE 1/4 of Sec. 30, T39S, R5W, containing **24.107** acres. **BRP1 - 13** includes the former Pit 7, 8, 9 and 10 of the North Private Lease that has achieved final grade, subsoil placement and shaping for drainage control. Incremental reclamation of the **BRP1 - 13** was completed in January 2018.

The Phase I bond release application is for a liability reduction of \$ 2,400,633 from the current disturbance liability of \$ 12,730,495. The current bond for Coal Hollow Mine will remain at \$12,750,000. All of the above-described areas within the Reclaimed Coal Mine meet the requirements of the MRP and the Division's regulations for post mine land use and for backfilling, regrading and drainage control standards.

A copy of the Phase I bond release application with the complete legal description for each area may be examined at the office of Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, Salt Lake City, Utah 84114-5801 and written comments, objections, or requests for an informal conference may be submitted to the Salt Lake City address. Said comments must be submitted thirty (30) days from the date of the last publication of this notice. This notice is being published to comply with the Surface Mining Control and Reclamation Act of 1977, the Utah Coal Mining and Reclamation Act and State and Federal regulations promulgated pursuant to said Acts. Published in the Southern Utah News Jan. 4th, 11th, 18th & 25th.



Alton Coal Development, LLC

463 North 100 West, Suite 1

Cedar City, Utah 84720

Phone (435) 867-5331 / Fax (435) 867-1192

January 3, 2018

Heaton Brothers, LLC
P.O. Box 100008
Alton, Utah 84710

To whom it may concern:

Notice is hereby given that Alton Coal Development, LLC (ACD) has filed an application with the Utah Department of Natural Resources, Division of Oil, Gas and Mining for Phase I Bond Release on approximately 24.107 acres of Coal Hollow Mine (CHM or Reclaimed Coal Mine).

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If you have any questions, please call me at (435) 867-5331 or (435) 691-1551.

Sincerely,

B. Kirk Nicholes
Environmental Specialist



Alton Coal Development, LLC

463 North 100 West, Suite 1

Cedar City, Utah 84720

Phone (435) 867-5331 / Fax (435) 867-1192

January 3, 2018

Keith R Stanworth
119 N 300 W
Cedar City, Utah 84720-2507

Dear Mr. Stanworth:

Notice is hereby given that Alton Coal Development, LLC (ACD) has filed an application with the Utah Department of Natural Resources, Division of Oil, Gas and Mining for Phase I Bond Release on approximately 24.107 acres of Coal Hollow Mine (CHM or Reclaimed Coal Mine).

All areas for bond release have met the standards of the Utah Coal Program as to backfilling, regrading and drainage control for Phase I Bond Release (refer to R645-301-880). The locations of the Reclaimed Coal Mine areas in Kane County, Utah are as follows:

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B. Kirk Nicholes
Environmental Specialist



Alton Coal Development, LLC

463 North 100 West, Suite 1

Cedar City, Utah 84720

Phone (435) 867-5331 / Fax (435) 867-1192

January 3, 2018

William J. Mackelprang
P.O. Box 47
Orderville, Utah 84758

Dear Mr. Mackelprang:

Notice is hereby given that Alton Coal Development, LLC (ACD) has filed an application with the Utah Department of Natural Resources, Division of Oil, Gas and Mining for Phase I Bond Release on approximately 24.107 acres of Coal Hollow Mine (CHM or Reclaimed Coal Mine).

All areas for bond release have met the standards of the Utah Coal Program as to backfilling, regrading and drainage control for Phase I Bond Release (refer to R645-301-880). The locations of the Reclaimed Coal Mine areas in Kane County, Utah are as follows:

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Sincerely,

B. Kirk Nicholes
Environmental Specialist



Alton Coal Development, LLC

463 North 100 West, Suite 1

Cedar City, Utah 84720

Phone (435) 867-5331 / Fax (435) 867-1192

January 3, 2018

G, Ferril Heaton
P.O. Box 47
Orderville, Utah 84758

Dear Mr. Heaton:

Notice is hereby given that Alton Coal Development, LLC (ACD) has filed an application with the Utah Department of Natural Resources, Division of Oil, Gas and Mining for Phase I Bond Release on approximately 24.107 acres of Coal Hollow Mine (CHM or Reclaimed Coal Mine).

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Cedar City, Utah 84720

Phone (435) 867-5331 / Fax (435) 867-1192

January 3, 2018

Dean R. Heaton
P.O. Box 435
Fredonia, AZ 86022

Dear Mr. Heaton:

Notice is hereby given that Alton Coal Development, LLC (ACD) has filed an application with the Utah Department of Natural Resources, Division of Oil, Gas and Mining for Phase I Bond Release on approximately 24.107 acres of Coal Hollow Mine (CHM or Reclaimed Coal Mine).

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Environmental Specialist



Alton Coal Development, LLC

463 North 100 West, Suite 1

Cedar City, Utah 84720

Phone (435) 867-5331 / Fax (435) 867-1192

January 3, 2018

BLM-KFO
James Holland
669 South Highway 89A
Kanab, Utah 84741

Dear Mr. Holland:

Notice is hereby given that Alton Coal Development, LLC (ACD) has filed an application with the Utah Department of Natural Resources, Division of Oil, Gas and Mining for Phase I Bond Release on approximately 24.107 acres of Coal Hollow Mine (CHM or Reclaimed Coal Mine).

All areas for bond release have met the standards of the Utah Coal Program as to backfilling, regrading and drainage control for Phase I Bond Release (refer to R645-301-880). The locations of the Reclaimed Coal Mine areas in Kane County, Utah are as follows:

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B. Kirk Nicholes
Environmental Specialist



Alton Coal Development, LLC

463 North 100 West, Suite 1

Cedar City, Utah 84720

Phone (435) 867-5331 / Fax (435) 867-1192

January 3, 2018

Kane County Planning Commission
180 West 300 North
Kanab, Utah 84741

Dear Mr. McBride:

Notice is hereby given that Alton Coal Development, LLC (ACD) has filed an application with the Utah Department of Natural Resources, Division of Oil, Gas and Mining for Phase I Bond Release on approximately 24.107 acres of Coal Hollow Mine (CHM or Reclaimed Coal Mine).

All areas for bond release have met the standards of the Utah Coal Program as to backfilling, regrading and drainage control for Phase I Bond Release (refer to R645-301-880). The locations of the Reclaimed Coal Mine areas in Kane County, Utah are as follows:

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Environmental Specialist



Alton Coal Development, LLC

463 North 100 West, Suite 1

Cedar City, Utah 84720

Phone (435) 867-5331 / Fax (435) 867-1192

January 3, 2018

Kane County Water Conservancy District
190 E. Center Street Suite 200
Kanab, Utah 84741

To whom it may concern:

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Cedar City, Utah 84720

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January 3, 2018

Alton, Utah
Mayor Cox
156 West 100 North
Alton, Utah 84710

Dear Mayor Cox:

Notice is hereby given that Alton Coal Development, LLC (ACD) has filed an application with the Utah Department of Natural Resources, Division of Oil, Gas and Mining for Phase I Bond Release on approximately 24.107 acres of Coal Hollow Mine (CHM or Reclaimed Coal Mine).

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Sincerely,

B. Kirk Nicholes
Environmental Specialist

NPL AREA 1

Topsoil
Stockpile

Subsoil
Stockpile

Starting Stockpile Volume 74,953 41,378

BRP 1-10 = 12.21 ACRES

Source	NL Topsoil	Livehaul Topsoil*	Total Topsoil	NL Subsoil	Livehaul Subsoil	Total Subsoil	
	CY	CY	CY	CY	CY	CY	CY
Stockpile volume utilized	18,784	0	18,784	14,071	8,459	22,530	
Suitable spoil**							33,283
Remaining stockpile volume	56,169			27,307			

*Livehaul source: Area 1

**Suitable Spoil: Surface two feet of 9.38 acres represented by Soil Sample Pits 1, 2, and 3.5N

***Average topsoil cover depth 1.08 ft.

****Subsoil redistribution depth as shown on Drawing 5-76a

Added to stockpile with addition of Area 1 Extended

Source	NL Topsoil	Livehaul Topsoil*	Total Topsoil	NL Subsoil	Livehaul Subsoil	Total Subsoil	
	CY	CY	CY	CY	CY	CY	CY
Stockpile volume added	0	0	0	36,000	0	36,000	
Remaining stockpile volume	56,169			63,307			

BRP 1-12 = 16.25 ACRES

Source	NL Topsoil	Livehaul Topsoil*	Total Topsoil	NL Subsoil	Livehaul Subsoil*	Total Subsoil	
	CY	CY	CY	CY	CY	CY	CY
Stockpile volume utilized	2,968	26,205	29,173	32,919	32,410	65,329	
Suitable spoil**							968
Remaining stockpile volume	53,201			30,388			

*Livehaul source: Area 1 extended

**Suitable Spoil: Surface 6 inches of 9.38 acres represented by Soil Sample Pits 4

***Subsoil redistribution depth as shown on Drawing 5-76a.

Added to stockpile with addition of Area 2

Source	NL Topsoil	Livehaul Topsoil*	Total Topsoil	NL Subsoil	Livehaul Subsoil	Total Subsoil	
	CY	CY	CY	CY	CY	CY	CY
Stockpile volume added		0	0	0	19,287	0	19,287
Remaining stockpile volume	53,201			49,675			

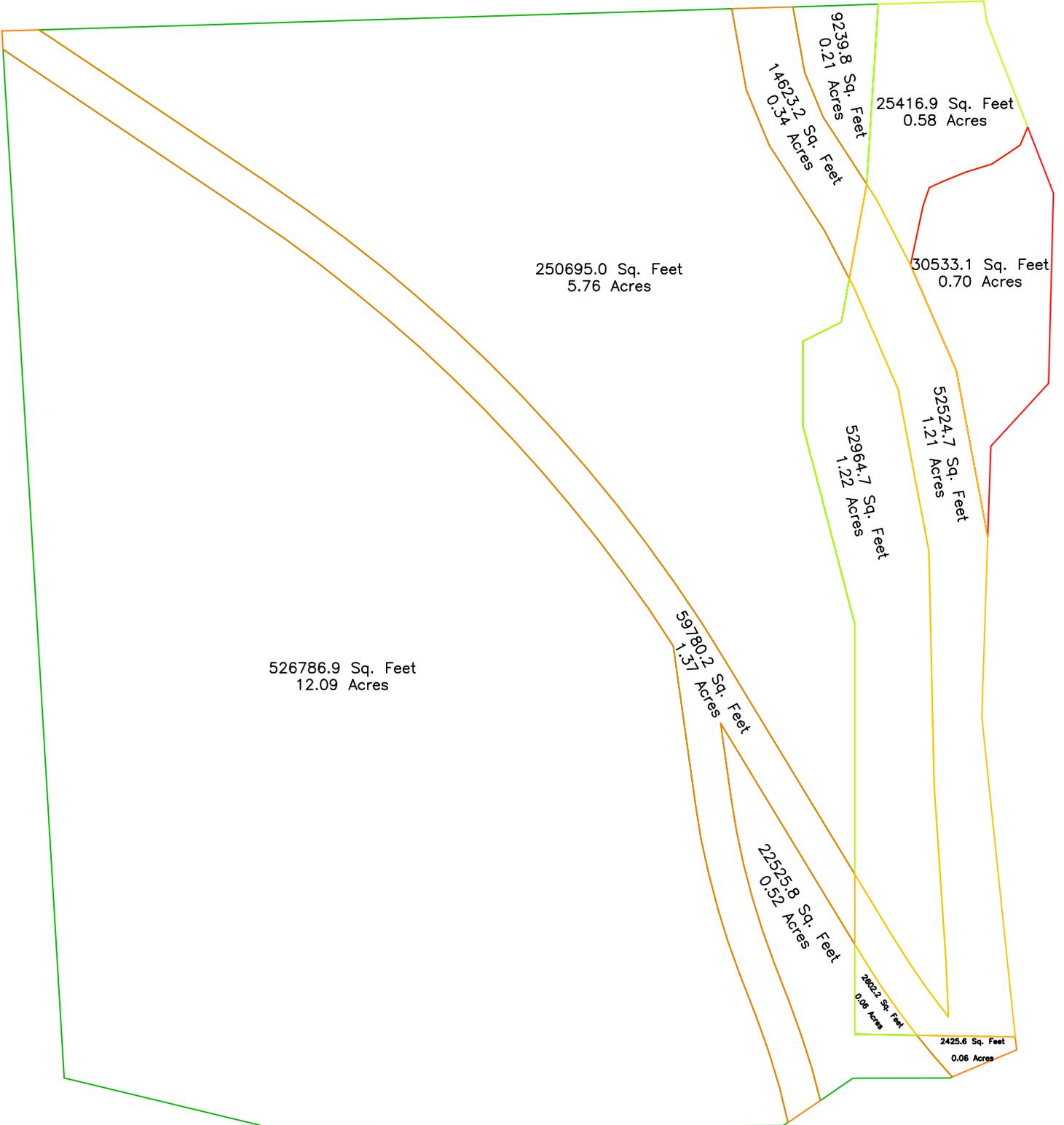
BRP 1-13 = 24.107 ACRES

Source	NL Topsoil	Livehaul Topsoil*	Total Topsoil**	NL Subsoil	Livehaul Subsoil*	Total Subsoil	
	CY	CY	CY	CY	CY	CY	CY
Stockpile volume utilized	4,207	7,077	11,284	0	84,403	84,403	
Suitable spoil							0
Remaining stockpile volume	48,994			49,675			

*Livehaul source: Area 2

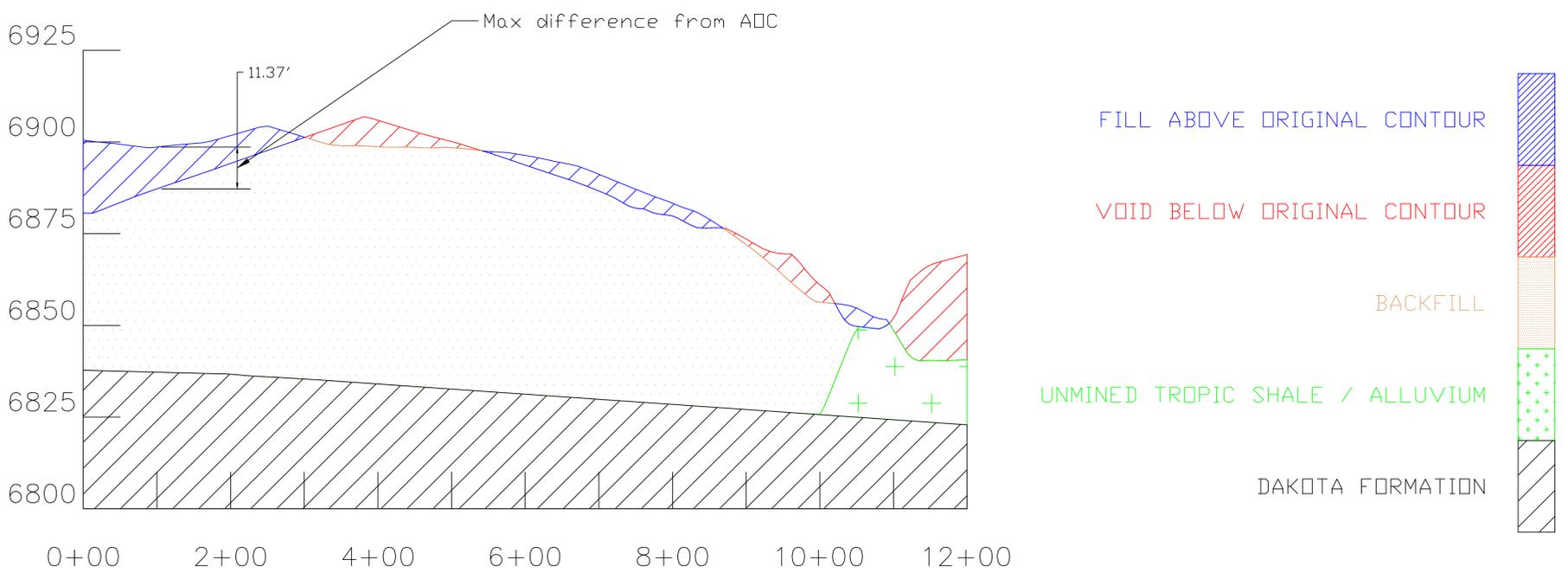
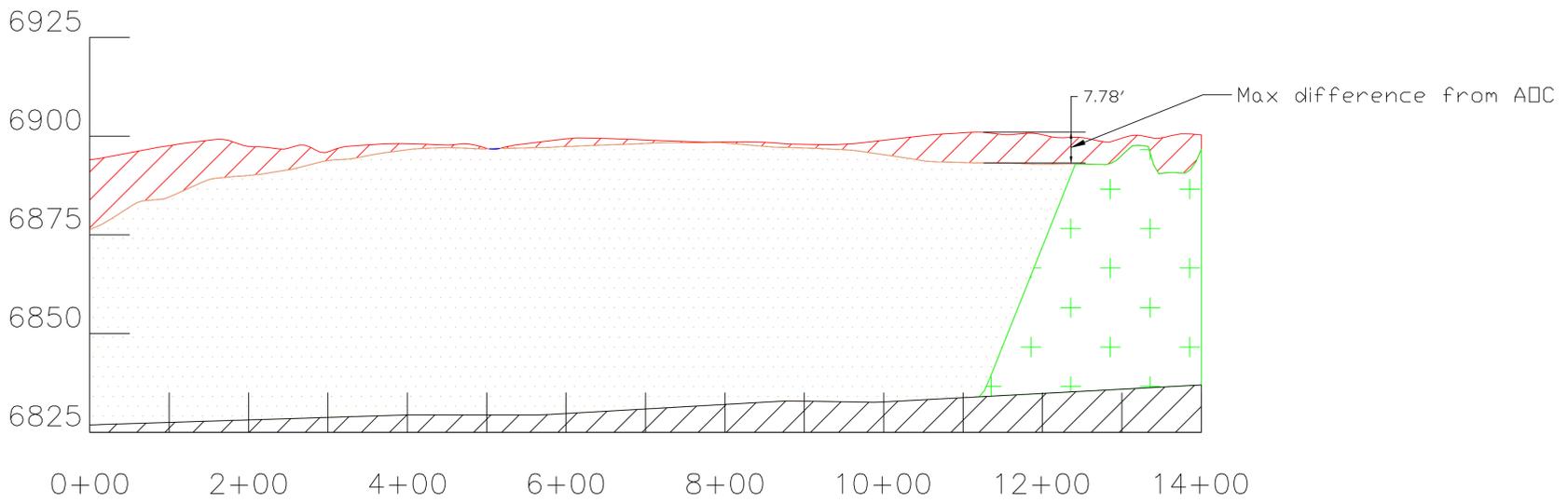
** At date of bond release application (1/5/2018) approx. 4.7 acres of BRP1-13 has been topsoiled

Detailed Breakdown of
Subsoil Application in
BRP1-13



BRP1-13

Area1						Area1						
	sqft	Acres	Subsoil Applied				sqft	Acres	Topsoil Applied			
			inches	feet	cyds				inches	feet	cyds	
	526786.9	12.09	30	2.5	48,777	Seeded Oct 2017	203103.8	4.66	18	1.5	11,284	
	250695	5.76	30	2.5	23,213							
	22525.8	0.52	30	2.5	2,086							
	9239.8	0.21	30	2.5	856							
	2425.6	0.06	30	2.5	225							
County/McDonald	59780.2	1.37	0	0	0							
Haul Road	14623.2	0.34	0	0	0							
Total Area1	886,077	20.34			75,155	Total Area1	203,104	4.66			11,284	
Area2						Area2						
	sqft	Acres	Subsoil Applied				sqft	Acres	Topsoil Applied			
			inches	feet	cyds				inches	feet	cyds	
	25416.9	0.58	37	3.1	2,903				11	0.9		
	52964.7	1.22	37	3.1	6,048							
	2602.2	0.06	37	3.1	297							
Haul/County	52524.7	1.21	0	0	-							
Undisturbed	30533.1	0.70	0	0	0							
Total Area2	164,042	3.77			9,248	Total Area2	-	0.00			-	
Total BRP1-13		24.107				84,403	Total BRP1-13					11,284



1"=20'
X-Section
Scale
1"=100'

LEGEND:

	PERMIT BOUNDARY
	PRIVATE COAL OWNERSHIP
	ULTIMATE PIT BOUNDARY
	DISTURBANCE BNDY
	SECTION LINE
	FOUND SECTION CORNER
	FOUND PROPERTY CORNER

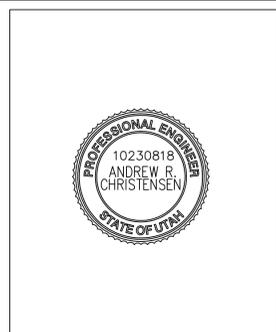
DRAWN BY: A. Christensen	CHECKED BY: KN
DRAWING: FIGURE 1-A	DATE: 1/4/2017
JOB NUMBER:	SCALE: 1" = 100' Printed on 24" x36"
	SHEET

REVISIONS	
DATE:	BY:
xx/xx/xx	xx

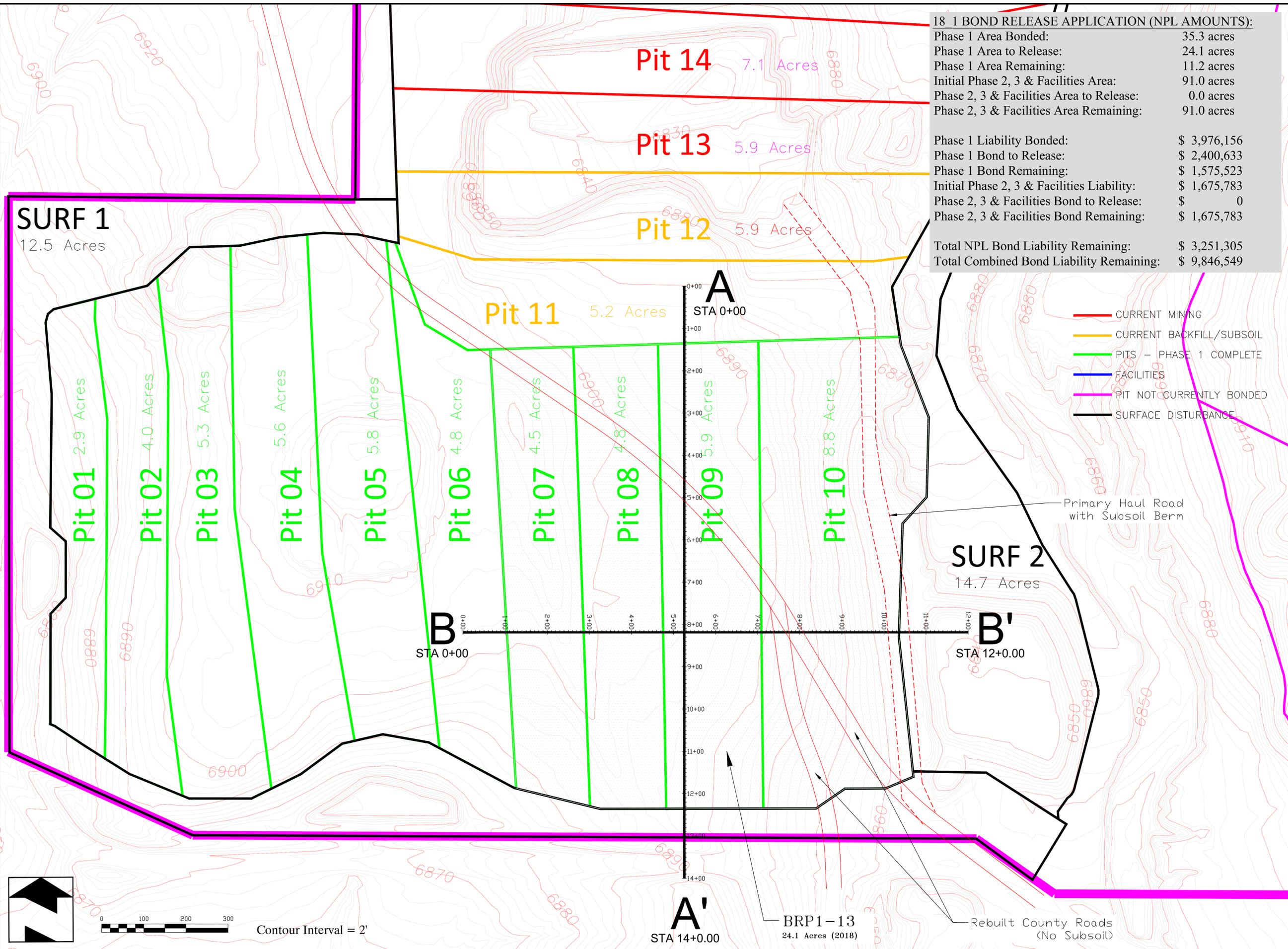
**CROSS-SECTIONS
BOND RELEASE
BRP 1-13**

COAL HOLLOW
PROJECT
ALTON, UTAH

FIGURE 1-A



463 North 100 West, Suite 1
Cedar City, Utah 84721
Phone (435)867-5331
Fax (435)867-1192



OVERVIEW PROPOSED BOND RELEASE 18_1, BRP 1-13

COAL HOLLOW PROJECT
ALTON, UTAH

Figure 1

REVISIONS	
DATE:	BY:
2/28/18	AC

DRAWN BY:	CHECKED BY:
A. Christensen	KN
DRAWING:	DATE:
Fig. 1	1/4/2018
JOB NUMBER:	SCALE:
	1" = 100'
	Printed on 24" x 36"
	SHEET

PERMIT BOUNDARY	FOUND SECTION CORNER
PRIVATE COAL OWNERSHIP	FOUND PROPERTY CORNER
ULTIMATE PIT BOUNDARY	
DISTURBANCE BNDY	
SECTION LINE	
FOUND SECTION CORNER	
FOUND PROPERTY CORNER	



Contour Interval = 2'

A'
STA 14+0.00

BRP1-13
24.1 Acres (2018)

Rebuilt County Roads
(No Subsoil)