



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 4/27/16

Task ID #5171

April 26, 2016

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

Subject: 2015 Coal Mining Annual Report Amendment, Task Id. 5153; Alton Coal Development LLC, Coal Hollow Mine, C/025/0005

Dear Mr. Haddock,

Alton Coal Development, LLC is providing the this amendment to the 2015 Coal Mining Annual Report for the Coal Hollow Mine in response to the deficiencies identified in Task Id. 5153. The completed report and attachments have been electronically submitted by uploading to the Divisions ePermitting site.

All soil samples collected in 2015 have been analyzed for selenium and are included with this submittal. As can be seen by the results selenium is Non Detect for all 28 samples. All the requested changes have been made to Drawing 5-38 as discussed with Pricilla Burton.

Please let me know if you have any questions or concerns.

Sincerely

B. Kirk Nicholes
Resident Agent

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: Alton Coal Development, LLC

Mine: Coal Hollow Mine

Permit Number:

C/025/0005

Title: MRP Annual Report 2015 amendments to permit Task Id. 5153

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

Addition of new topsoil analysis

Instructions: If you answer yes to any of the first eight 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?
- Yes No 24. Does the application include confidential information and is it clearly marked and separated in the plan?

Please attach three (3) review copies of the application. If the mine is on or adjacent to Forest Service land please submit four (4) 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.

B. Kirk Nicholes

Resident Agent

04/26/2016

B. Kirk Nicholes

Print Name

Position

Date

Signature (Right-click above choose certify then have notary sign below)

Subscribed and sworn to before me this 26 day of April, 2016

Notary Public: *Marty Nicholes*, state of Utah.

My commission Expires: 9-11-2017

Commission Number: 670359

Address: 1670 E Millstone Cir

City: Enoch

State: UT

Zip: 84721

} ss: }



Notary Public
MARTY NICHOLAS
 Commission #670359
 My Commission Expires
 Sept 11, 2017
 State of Utah

For Office Use Only:

**Assigned Tracking
Number:**

Received by Oil, Gas & Mining

Appendix 2-2

2015 Soil Analytical Results



Date: 4/26/2016

CLIENT: Alton Coal Development, LLC
Project: Coal Hollow Mine
Lab Order: S1508166

CASE NARRATIVE
Report ID: S1508166002
(Replaces S1508166001)

Samples 15TS-1, 15TS-10, 15TS-11, 15TS-12, 15TS-13, 15TS-14, 15TS-15, 15TS-16, 15TS-2, 15TS-3, 15TS-4, 15TS-5, 15TS-6, 15TS-8, and 15TS-9 were received on August 11, 2015.

Samples were analyzed using the methods outlined in the following references:

- U.S.E.P.A. 600/2-78-054 "Field and Laboratory Methods Applicable to Overburden and Mining Soils", 1978
- American Society of Agronomy, Number 9, Part 2, 1982
- USDA Handbook 60 "Diagnosis and Improvement of Saline and Alkali Soils", 1969
- Wyoming Department of Environmental Quality, Land Quality Division, Guideline No. 1, 1984
- New Mexico Overburden and Soils Inventory and Handling Guideline, March 1987
- State of Utah, Division of Oil, Gas, and Mining: Guidelines for Management of Topsoil and Overburden for Underground and Surface Coal Mining, April 1988
- Montana Department of State Lands, Reclamation Division: Soil, Overburden, and Regraded Spoil Guidelines, December 1994
- State of Nevada Modified Sobek Procedure
- Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

Reviewed by: *Karen A Secor*

Karen Secor, Soil Lab Supervisor



Soil Analysis Report
Alton Coal Development, LLC

463 North 100 West
Suite 1
Cedar City, UT 84721

Report ID: S1508166002
(Replaces S1508166001)
Date Reported: 4/26/2016
Work Order: S1508166

Project: Coal Hollow Mine
Date Received: 8/11/2015

Table with 9 columns: Lab ID, Sample ID, pH, Electrical Conductivity, CO3, Calcium PE, Magnesium PE, Sodium PE, SAR. Rows 1-16 showing sample data.

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H2OSol= water soluble, AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate

Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential

Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor



Soil Analysis Report
Alton Coal Development, LLC

463 North 100 West
Suite 1
Cedar City, UT 84721

Report ID: S1508166002
(Replaces S1508166001)

Date Reported: 4/26/2016

Work Order: S1508166

Project: Coal Hollow Mine

Date Received: 8/11/2015

Table with 10 columns: Lab ID, Sample ID, Sand %, Silt %, Clay %, Texture, Potassium ppm, Phosphorus ppm, Selenium ppm, Nitrate(as N) ppm. Rows include sample IDs S1508166-001 through S1508166-015.

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H2OSol= water soluble, AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate

Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential

Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor



Date: 4/26/2016

CLIENT: Alton Coal Development, LLC
Project: Coal Hollow Mine
Lab Order: S1512061

CASE NARRATIVE
Report ID: S1512061002
(Replaces S1512061001)

Samples 15TS-17, 15TS-18, 15TS-19, 15TS-20, 15TS-21, 15TS-22, 15TS-23, 15TS-24, 15TS-25, 15TS-26, 15TS-27, and 15TS-28 were received on December 3, 2015.

Samples were analyzed using the methods outlined in the following references:

- U.S.E.P.A. 600/2-78-054 "Field and Laboratory Methods Applicable to Overburden and Mining Soils", 1978
- American Society of Agronomy, Number 9, Part 2, 1982
- USDA Handbook 60 "Diagnosis and Improvement of Saline and Alkali Soils", 1969
- Wyoming Department of Environmental Quality, Land Quality Division, Guideline No. 1, 1984
- New Mexico Overburden and Soils Inventory and Handling Guideline, March 1987
- State of Utah, Division of Oil, Gas, and Mining: Guidelines for Management of Topsoil and Overburden for Underground and Surface Coal Mining, April 1988
- Montana Department of State Lands, Reclamation Division: Soil, Overburden, and Regraded Spoil Guidelines, December 1994
- State of Nevada Modified Sobek Procedure
- Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

Reviewed by: *Karen A Secor*

Karen Secor, Soil Lab Supervisor



Soil Analysis Report
Alton Coal Development, LLC

463 North 100 West
Suite 1
Cedar City, UT 84721

Report ID: S1512061002
(Replaces S1512061001)
Date Reported: 4/26/2016
Work Order: S1512061

Project: Coal Hollow Mine
Date Received: 12/3/2015

Table with 9 columns: Lab ID, Sample ID, pH, Electrical Conductivity, CO3, Calcium PE, Magnesium PE, Sodium PE, SAR. Rows include sample IDs S1512061-001 through S1512061-012.

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H2OSol= water soluble, AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate

Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential

Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor



Soil Analysis Report
Alton Coal Development, LLC

463 North 100 West
Suite 1
Cedar City, UT 84721

Report ID: S1512061002
(Replaces S1512061001)

Date Reported: 4/26/2016

Work Order: S1512061

Project: Coal Hollow Mine
Date Received: 12/3/2015

Table with 10 columns: Lab ID, Sample ID, Sand %, Silt %, Clay %, Texture, Potassium ppm, Phosphorus ppm, Selenium ppm, Nitrate(as N) ppm. Rows include sample IDs S1512061-001 through S1512061-012.

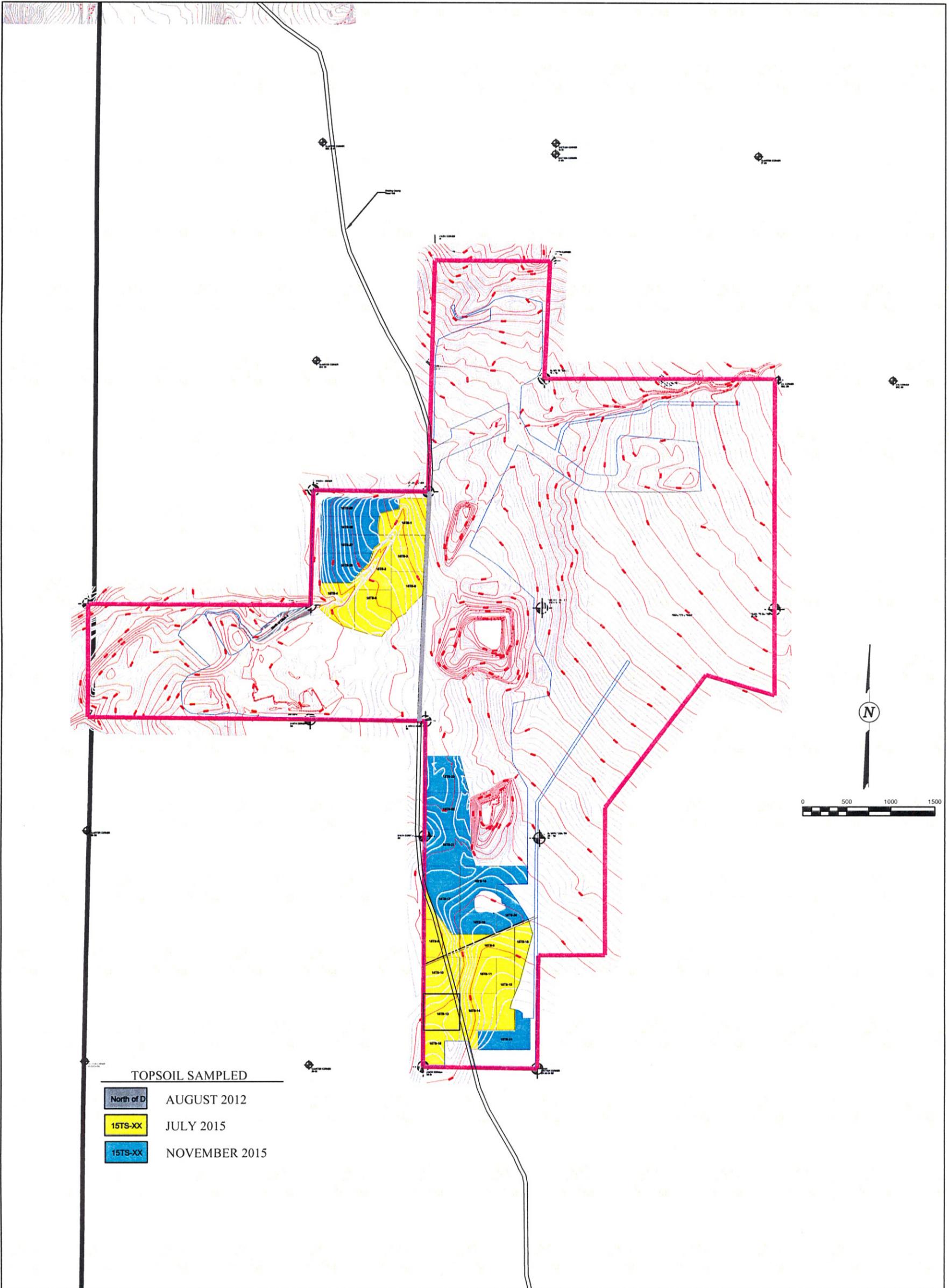
These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H2OSol= water soluble, AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate

Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential

Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor



TOPSOIL SAMPLED

North of D	AUGUST 2012
15TS-XX	JULY 2015
15TS-XX	NOVEMBER 2015

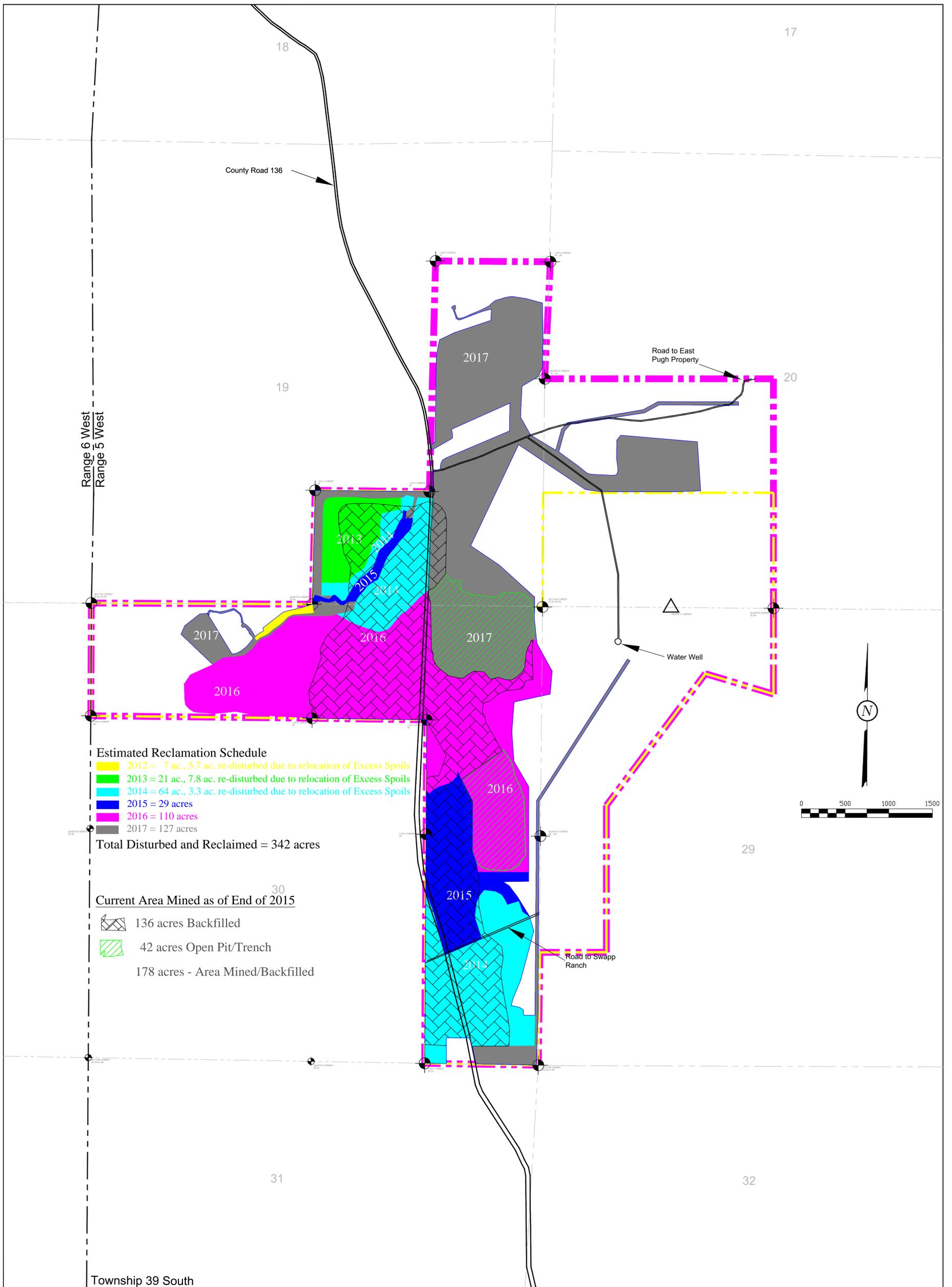
LEGEND:
PERMIT BOUNDARY
PRIVATE COAL OWNERSHIP SECTION LINE
FOUND SECTION CORNER
FOUND PROPERTY CORNER
BONDED AREA

DRAWN BY: K NICHOLAS	CHECKED BY: LWJ
DRAWING: FIGURE 1	DATE: 10/17/2015
JOB NUMBER: 1400	SCALE: 1" = 500' Printed on 24"x 36"
	SHEET

REVISIONS	
DATE:	BY:
XX/XX/XX	XX

TOPSOIL SAMPLING LOCATIONS	
COAL HOLLOW PROJECT ALTON, UTAH	
FIGURE 1	

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



LEGEND: PERMIT BOUNDARY PRIVATE COAL OWNERSHIP SECTION LINE FOUND SECTION CORNER FOUND PROPERTY CORNER POSTMINING ROADS	DRAWN BY: K. NICHOLAS	CHECKED BY: LWJ	REVISIONS		RECLAMATION SEQUENCE COAL HOLLOW PROJECT ALTON, UTAH DRAWING: 5-38		 Also: Coal Development Project 463 North 100 West, Suite 1 Cedar City, Utah 84721 Phone (435)867-5331 Fax (435)867-1192
	DRAWING: 5-38	DATE: 12/18/2014	DATE: 03/05/14 04/11/16	BY: KN KN			
	JOB NUMBER: 1400	SCALE: 1" = 500'	SHEET				