

OGMCOAL - Pit 1 Coal Analysis

From: Kirk Nicholes <knicholes@altoncoal.com>
To: "Priscilla Burton (priscillaburton@utah.gov)" <priscillaburton@utah.gov>
Date: 6/7/2011 11:05 AM
Subject: Pit 1 Coal Analysis
Attachments: AltonS1105292.pdf

Hello Priscilla,

Here is the results for coal refuse that was left in Pit 1. Before we finished Pit 1, we entered into a non-spec. coal contract with IPA. The coal that was pushed aside as the top 3' (high sulfur coal) was haul from the pit to the crusher, most of which has been haul off as we get extra trucks sent our way. What was left in the pit 1 is estimated at less than 2,000 tons.

Thank You

Kirk Nicholes
Environmental Specialist
Alton Coal Development, LLC
463 N 100 W, Suite 1
Cedar City, Ut 84721
T 435-867-5331
M 435-691-1551



Soil Analysis Report
Alton Coal Development, LLC

463 North 100 West
Suite 1
Cedar City, UT 84721

Report ID: S1105292001

Project: Coal Hollow Mine

Date Received: 5/19/2011

Date Reported: 6/1/2011

Work Order: S1105292

Lab ID	Sample ID	pH	Saturation	Electrical Conductivity	PE Calcium	PE Magnesium	PE Potassium	PE Sodium	SAR	Selenium	Boron PE
		s.u.	%	dS/m	meq/L	meq/L	meq/L	meq/L		ppm	ppm
S1105292-001	Pit 1 Refuse Coal	6.1	103	1.71	15.9	10.1	0.28	7.71	2.14	<0.02	10.9

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: S1105292001

Project: Coal Hollow Mine

Date Received: 5/19/2011

Date Reported: 6/1/2011

Work Order: S1105292

Lab ID	Sample ID	Total	TOC	Total	T.S.	Neutral.	T.S.
		Carbon		Sulfur	AB	Potential	ABP
		%	%	%	t/1000t	t/1000t	t/1000t
S1105292-001	Pit 1 Refuse Coal	40.1	39.3	0.96	30.0	71.2	41.2

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



Inter-Mountain Labs
Sheridan, WY and Gillette, WY

- CHAIN OF CUSTODY RECORD -

This is a **LEGAL DOCUMENT**. All shaded fields must be completed. See reverse for instructions.

139194

Client Name Alton Coal Development, LLC		Project Identification Coal Hollow Mine		Sampler (Signature/Printed) B. Kirk Nichols / B. Kirk Nichols		Telephone # 435-691-1551																	
Report Address 463 N. 100 W. Suite 1 Cedar City, Utah 84721		Contact Name B. Kirk Nichols		ANALYSES / PARAMETERS																			
Invoice Address same ↑		Email knicholes@altoncoal.com																					
		Phone 435-691-1551		<table border="1"> <tr> <td rowspan="2">PH</td> <td rowspan="2">EC</td> <td rowspan="2">Soluble Al, Fe, Mg, Ca</td> <td rowspan="2">Total Organic Carbon</td> <td rowspan="2">Soluble Selenium</td> <td rowspan="2">Available Boron</td> <td rowspan="2">Acid Potential</td> <td rowspan="2">Neutralization Potential</td> <td rowspan="2">REMARKS</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>				PH	EC	Soluble Al, Fe, Mg, Ca	Total Organic Carbon	Soluble Selenium	Available Boron	Acid Potential	Neutralization Potential	REMARKS							
PH	EC	Soluble Al, Fe, Mg, Ca	Total Organic Carbon														Soluble Selenium	Available Boron	Acid Potential	Neutralization Potential	REMARKS		
		Purchase Order #		Quote #																			

ITEM	LAB ID (Lab Use Only)	DATE SAMPLED	TIME SAMPLED	SAMPLE IDENTIFICATION	Matrix	# of Containers	PH	EC	Soluble Al, Fe, Mg, Ca	Total Organic Carbon	Soluble Selenium	Available Boron	Acid Potential	Neutralization Potential	REMARKS
1	51105292-001	5/6/11	10:00am	Pit 1 refuse Coal	SL	1	X	X	X	X	X	X	X	X	As per attached sheets
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															

LAB COMMENTS	Relinquished By (Signature/Printed)	DATE	TIME	Received By (Signature/Printed)	DATE	TIME
	B. Kirk Nichols / B. Kirk Nichols	5/14/11	7:28am	Karen Stecker	5/19/11	

SHIPPING INFO	MATRIX CODES	TURNAROUND TIMES	COMPLIANCE INFORMATION	ADDITIONAL REMARKS
<input checked="" type="checkbox"/> UPS <input type="checkbox"/> Fed Express <input type="checkbox"/> US Mail <input type="checkbox"/> Hand Carried <input type="checkbox"/> Other _____	Water WT Soil SL Solid SD Trip Blank TB Other OT	<input type="checkbox"/> Check desired service <input checked="" type="checkbox"/> Standard turnaround <input type="checkbox"/> RUSH - 5 Working Days <input type="checkbox"/> URGENT - < 2 Working Days Rush & Urgent Surcharges will be applied	Compliance Monitoring? Y / N Program (SDWA, NPDES,...) PWSID / Permit # _____ Chlorinated? Y / N Sample Disposal: Lab Client	