



OGMCOAL DNR< ogmcoal@utah.gov>

(no subject)

Leonard, JD < jleonard@coalsource.com>

Wed, Aug 28, 2013 at 1:39 PM

To: Ken Hoffman <kenhoffman@utah.gov>

Cc: "Hibbs, David" <dhibbs@coalsource.com>, ogmcoal@utah.gov, Erik Petersen <petersen@relia.net>, "Marshall, Jay" <jmarshall@coalsource.com>

Hi Ken,

Attached is Crandall Canyon's July information, [if you have any questions or need additional information please contact me.](#)

Thank You,

JD Leonard

Engineer Tech

Utah American Energy, Inc.

West Ridge Mine, Inc.

(435)888-4000

2 attachments



Ken Hoffman Crandall 2013.xlsx
53K



July Polymer.pdf
68K



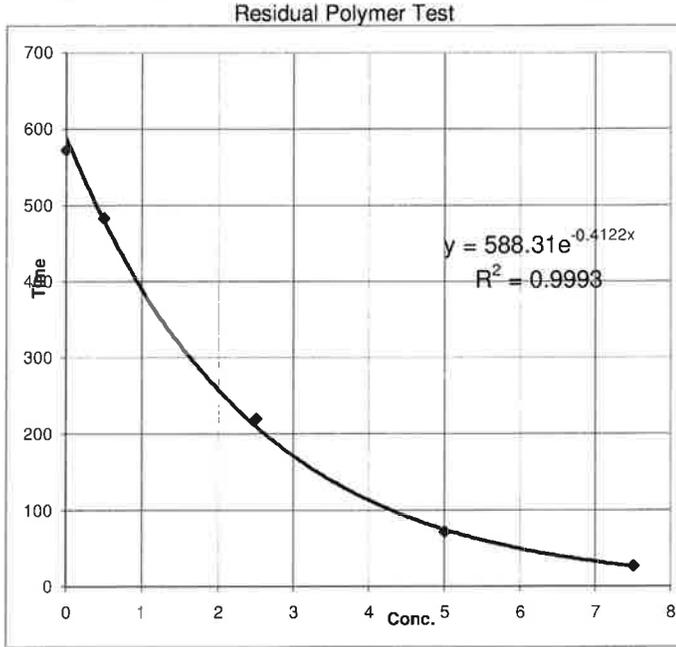
Analysis Report

Genwal Resources Inc.
 794 "C" Canyon Road
 East Carbon, UT 84520

Client Sample ID: Polymer Test
 Date Sampled: 7/1/2013
 Date Received: 7/1/2013
 Product Description:
 Sample Taken At: Genwal Mine
 Sample Taken By: JD
 Time Received: 1345
 Time Sampled: 1225

Coagulant (1mg/l) and Flocculent

Exponent	INTERCEPT	
-0.4122	581.860000	
Standards	Time	Conc. Mg/l
BLANK	573	0
1	483	0.5
2	220	2.5
3	72	5
4	27	7.5



**Comments: Customer supplied method
 Flocculent Date: 6/24/2013**

Residual Polymer (based on 1 mg/l Coagulant)

Sample #	mL of Sample	Time	Conc. Mg/l
1319948-001	45	528	0.24

ND = none detect (<0 mg/l)

Domenic Ibanez
 Water Lab Supervisor

SGS North America Inc.

Minerals Services
 P.O. Box 1020 Huntington, UT 84528

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