



Ogmcoal Dnr <ogmcoal@utah.gov>

White Oak Evaluation 2013

1 message

Priscilla Burton <priscillaburton@utah.gov>

Thu, Jun 13, 2013 at 12:42 PM

To: Flynn Dickinson <fdickinson@osmre.gov>, "Mackinnon, Daniel" <dmackinnon@osmre.gov>, Ogmcoal Dnr <ogmcoal@utah.gov>

Hello Flynn and Dan,

I'm glad that we had good weather for your visit to Blazon and White Oak yesterday. As we discussed, the Division took a water sample from the iron rich seep in August 2012. I have attached the lab report.

The water sample attached to the September 9, 2010 inspection report documents the quality of the water flowing in Whiskey Creek during a rainfall event, prior to our reclamation of the severely eroded south facing slopes. The Sept. 9, 2010 inspection report is in the packet given to you during your visit.

I'm sorry to learn of the wild fire near Denver. I hope they get it contained soon.

Best Regards,

Priscilla Burton

Sr. Environmental Scientist

Coal Program/Price Field Office

Utah Division of Oil, Gas & Mining

319 Carbonville Road, Ste. C

Price UT 84501

telephone: [435-613-3733](tel:435-613-3733)



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Internal
OK



OGMCOAL DNR <ogmcoal@utah.gov>

White Oak Water Sample

2 messages

Amanda Daniels <amandadaniels@utah.gov>
To: OGMCOAL DNR <ogmcoal@utah.gov>
Cc: Priscilla Burton <priscillaburton@utah.gov>

Tue, Nov 20, 2012 at 2:19 PM

On October 15, 2012 while at the White Oak reclamation site, a water sample was collected from a small spring located in the site's main drainage channel. The spring displayed a small amount of orange staining and was flowing at less than 1 gpm. Field measurements for temperature and pH were 21.5 C and 6.35 respectively. Two bottles were collected and transported to the Unified State Laboratory for testing. The test results are attached. Of the parameters tested the total iron was reported at 18.6 mg/l and the total aluminum was 0.253 mg/l. Due to the low flowing nature the spring will be observed and considered for future sampling.

--
Amanda Daniels
Utah Division of Oil, Gas and Mining
(801) 538-5262
amandadaniels@utah.gov

11142012.pdf
866K

Priscilla Burton <priscillaburton@utah.gov>
To: OGMCOAL DNR <ogmcoal@utah.gov>

Tue, Nov 20, 2012 at 4:19 PM

----- Forwarded message -----
From: **Amanda Daniels** <amandadaniels@utah.gov>
Date: Tue, Nov 20, 2012 at 2:32 PM
Subject: Re: White Oak Water Sample
To: Priscilla Burton <priscillaburton@utah.gov>

Yes, I had written it down that way when I was comparing it to the some water quality standards and I guess I forgot it wasn't reported that way, its the same number though.

On Tue, Nov 20, 2012 at 2:27 PM, Priscilla Burton <priscillaburton@utah.gov> wrote:

Thanks Amanda! Just for clarification...wasn't the aluminum in micrograms/L?
[Quoted text hidden]
[Quoted text hidden]

C/007/001 Inwsming
CC: Amanda
Priscilla

UTAH STATE DEPARTMENT OF HEALTH
DIVISION OF LABORATORY SERVICES
Environmental Chemistry Analysis Report

K

DEPT OF NATURAL RESOURCES - OGM
ATTN: KEVIN LUNDMARK
1594 W NORTH TEMPLE - STE 1210
SALT LAKE CITY UT 84114-1210

801-538-5352

Lab Number: 201206162 Sample Type: 04 Cost Code: 901B
Description: MAIN CHANNEL SEEP
Collector: AD

Site ID: Source No: 00 Organic Review:
Sample Date: 10/13/2012 Time: 11:50 Inorganic Review: 11/05/2012
Radiochemistry Review:
Microbiology Review:

TEST RESULTS:

Bicarbonate	564 mg/l	CO3 Solids	277 mg/l
Carb. Diox	166 mg/l	Carbonate	0 mg/l
Chloride	490.0 mg/l	Hydroxide	0 mg/l
L-pH *	6.736	Sulfate	259.0 mg/l
T-Aluminum	253 ug/l	T-Iron	18.6 mg/l
T-Mangan	2080.0 ug/l	T.Sus.Sol	62.0 mg/l
TDS @ 180C	1788 mg/l	Tot. Alk.	462 mg/l

QUALIFYING COMMENTS (*) on test results:

L-pH..... pH should be performed as a field test.

Trace levels up to 0.2 ppb metals may be present in bottles

END OF REPORT

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NOV 14 2012
DIV. OF OIL, GAS & MINING



State of Utah
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Governor
GREGORY S. BELL
Lieutenant Governor

Utah Department of Health
W. David Patton, Ph.D
Executive Director

Division of Disease Control and Prevention
Robyn M. Atkinson, Ph.D
Director, Unified State Laboratories: Public Health

Dear Partner,

Enclosed are reports on samples you recently submitted to our Lab for testing. If you have any questions regarding these reports, please let me know.

My contact information is as follows:

Stephanie Rogers
Bureau of Chemical & Environmental Services
Unified State Laboratories
Utah Department of Health
4431 South 2700 West
Taylorsville, UT 84119

Phone: 801-965-2508
Fax: 801-965-2486
Email: srogers@utah.gov

Thank you.



Unified State Laboratories: Public Health
4431 South 2700 West • Taylorsville, UT 84129-6000
Phone (801) 965-2400 • Fax (801) 965-2520
Web: www.health.utah.gov/lab