C0070001
Internal
OK

OGMCOAL DNR <ogmcoal@utah.gov>

White Oak Water Sample

2 messages

Amanda Daniels <amandadaniels@utah.gov> Tue, Nov 20, 2012 at 2:19 PM
To: OGMCOAL DNR <ogmcoal@utah.gov>
Cc: Priscilla Burton <priscillaburton@utah.gov>

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.

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

11142012.pdf
866K

Priscilla Burton <priscillaburton@utah.gov> Tue, Nov 20, 2012 at 4:19 PM
To: OGMCOAL DNR <ogmcoal@utah.gov>

---------- 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 Incoming
CC: Amanda
Priscilla
K

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

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
Sample Date: 10/13/2012 Time: 11:50

Organic Review:
Inorganic Review: 11/05/2012
Radiochemistry Review:
Microbiology Review:

TEST RESULTS:

Bicarbnate	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

RECEIVED
NOV 14 2012
DIV. OF OIL, GAS & MINING

State of Utah
GARY R. HERBERT
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.