

10/13/2010

Shannon Brown  
12384 Rough and Ready Rd.  
Grass Valley, CA 95945  
Attn: Shannon Brown

OrderID: 1010005

Dear: Shannon Brown

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods (SW846) Third Edition.

The samples were received by WETLAB-Western Environmental Testing Laboratory in good condition on 10/1/2010. Additional comments are located on page 2 of this report.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

A handwritten signature in dark ink, appearing to read "A. Smith", with a long horizontal flourish extending to the right.

Andy Smith  
Laboratory Manager

# Western Environmental Testing Laboratory

## Report Comments

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Shannon Brown - 1010005

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### General Comments

None

### Specific Comments

None

### Data Qualifier Legend

- B -- Blank contamination; Analyte detected above the method reporting limit in an associated blank
- HT -- Sample held beyond the accepted holding time
- J -- The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- M -- Reported value is estimated; The sample matrix interfered with the analysis
- N -- There was insufficient sample available to perform a spike and/or duplicate on this analytical batch.
- NC -- Not calculated due to matrix interference
- Q -- Reported value is estimated; The value failed to meet QC criteria for either precision or accuracy
- SA -- Reported value was calculated using the method of Standard Additions.
- SC -- Spike recovery not calculated. Sample concentration >4X the spike amount; therefore, the spike could not be adequately recovered.

## Western Environmental Testing Laboratory Analytical Report

**Shannon Brown**  
**12384 Rough and Ready Rd.**  
**Grass Valley, CA 95945**  
**Attn:** Shannon Brown  
**Phone:** (530)400-3129    **Fax:**

**Date Printed:** 10/13/2010  
**OrderID:** 1010005

**Customer Sample ID:** #1  
**WETLAB Sample ID:** 1010005-001

**Collect Date/Time:** 9/30/2010  
**Receive Date:** 10/1/2010 10:15

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	12.51	pH Units		10/1/2010
Bicarbonate (HCO <sub>3</sub> )	SM 2320B	<1.0	mg/L	1.0	10/4/2010
Carbonate (CO <sub>3</sub> )	SM 2320B	96	mg/L	1.0	10/4/2010
Hydroxide (OH)	SM 2320B	630	mg/L	1.0	10/4/2010
Total Alkalinity	SM 2320B	2000	mg/L as CaCO <sub>3</sub>	1.0	10/4/2010
Sulfate	EPA 300.0	1100	mg/L	10	10/8/2010
Calcium	EPA 200.7	1200	mg/L	5.0	10/7/2010

**Customer Sample ID:** #2  
**WETLAB Sample ID:** 1010005-002

**Collect Date/Time:** 9/30/2010  
**Receive Date:** 10/1/2010 10:15

Parameter	Method	Results	Units	Reporting Limit	Date Analyzed
pH	SM 4500-H+ B	12.59	pH Units		10/1/2010
Bicarbonate (HCO <sub>3</sub> )	SM 2320B	<1.0	mg/L	1.0	10/1/2010
Carbonate (CO <sub>3</sub> )	SM 2320B	87	mg/L	1.0	10/1/2010
Hydroxide (OH)	SM 2320B	600	mg/L	1.0	10/1/2010
Total Alkalinity	SM 2320B	1900	mg/L as CaCO <sub>3</sub>	1.0	10/1/2010
Sulfate	EPA 300.0	18	mg/L	10	10/8/2010
Calcium	EPA 200.7	850	mg/L	5.0	10/7/2010