



2218 Railroad Avenue
Redding, California 96001

voice 530.243.7234
fax 530.243.7494

3860 Morrow Lane, Suite F
Chico, California 95928

voice 530.894.8966
fax 530.894.5143

Basic Laboratory is now part of Pace Analytical Services LLC!

Paid \$90.79 online on 10/1/22
w/ Breese Debit card.

Transaction #
6237445

Pace Analytical®

Invoice

Invoice To

BREESE II WATER SYSTEM
AUTUMN WALKER
209 GURNSEY DRIVE
RED BLUFF, CA 96080

Invoice Number 2208072-28

Invoice Date 08/10/22

Customer ID # 28-100059

Terms Due Upon Receipt

Project DRINKING WATER MONITORING
Project Number

PO Number
Bid / Contract DISCOUNTED PRICING - 20%

Samples Received 07/21/22
Submitted By AUTUMN WALKER
BREESE II WATER SYSTEM
Work Order(s) 22G0990

NEW! Remit To Pace Analytical Services LLC
Post Office Box 684056
Chicago IL 60695-4056
530-243-7234 x219 or x203
accounting@basiclab.com

Quantity	Matrix	Analysis/Description	Unit Cost	Extended Cost
Pace Analytical Services LLC - Redding CA				
1	Drinking Water	Sample Handling & Disposal Fee (Redding) [10 day]	\$2.00	\$2.00
1	Drinking Water	Nitrite as N by EPA 300.0 [8 day]	\$32.00	\$32.00
1	Drinking Water	Nitrate as N by EPA 300.0 [8 day]	\$32.00	\$32.00
1	Drinking Water	Electronic Deliverable CA Drinking Water (#1677) [8 day]	\$0.00	\$0.00
1	Drinking Water	Arsenic by EPA 200.8 [8 day]	\$17.60	\$17.60
Additional Items				
1		Economic Price Adjustment		\$7.19

Invoice Total \$90.79



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Analytical Report

BREESE II WATER SYSTEM
AUTUMN WALKER
209 GURNSEY DRIVE
RED BLUFF CA 96080

System Name: BREESE SUBDIVISION 2
PS Code: CA5200008_001_001
Client Sample ID: WELL 1
Sampled By: Tony Casados
Employed By: BASIC LABORATORY, INC

Report Date: 08/10/22
Lab Sample ID: 22G0990-01

Sample Date: 07/21/22 06:50
Sample Received: 07/21/22 14:31
System Number: 5200008

CLIP	INORGANIC CHEMICAL	UNITS	RESULTS	MCL / AL	DLR / RL
1005	Arsenic	ug/l	ND	10	2
1040	Nitrate as N	mg/l	5.87	10	0.4
1041	Nitrite as N	mg/l	ND	1	0.4

Note 2 According to 40 CFR Part 136 Table II, the following tests should be analyzed in the field within 15 minutes of sampling: pH, chlorine, dissolved oxygen, and sulfate.

* Stars denote tiered Maximum Contaminant and/or Action Levels (* 250-500-800, ** 900-1600-2200, *** 500-1000-1500).

ND Not detected at the reporting limit

DLR California's Detection Limit for the purpose of reporting

RL Laboratory default Reporting Limit (if DLR not established)

MCL / AL Maximum Contaminant Level or Action Level

Approved By

I certify that these results meet the requirements of the applicable accreditation standard, and were performed in compliance stated analytical methods unless otherwise noted in the qualifications or Case Narrative section of this report.

Approved By: Ricky Jensen
Ricky Jensen, General Manager
Pace Analytical Services LLC - Redding CA
California ELAP Cert #1677 & 2718

cc: Tehama County Environmental Health

The data included in this report relate only to the specific items as received, recorded on the Chain of Custody, and analyzed at the laboratory, expressed on a wet-weight basis unless otherwise noted. Interpretation and use of the information included in this report is the sole responsibility of the client. This report may not be reproduced except in full, and may not be modified in any way without prior written approval from Pace Analytical. This report in whole or part for public advertising or any other commercial purpose requires prior written authorization.



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Analytical Report

Report To: BREESE II WATER SYSTEM
209 GURNSEY DRIVE
RED BLUFF, CA 96080
Attention: AUTUMN WALKER
Project: DRINKING WATER MONITORING

Lab No: 22G0990
Reported: 08/10/22
Phone: (530) 527-0170

Included in this report are laboratory results for work order 22G0990, received on 07/21/22. All analyses were performed in strict adherence to our established Quality Manual. Any qualifications or abnormalities are listed in the Notes and Definitions and/or the Case Narrative section of this report. The project Chain of Custody and laboratory sample receipt record are included as attachments to this report.

Sample Results

Description: WELL 1
Matrix / Type: Raw Water (Grab)
Lab ID: 22G0990-01
Sampled: 07/21/22 06:50
Received: 07/21/22 14:31

General Chemistry

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch / Analyst
Nitrate as N	mg/l	5.87			0.20	EPA 300.0	07/22/22 10:59	07/21/22 16:00	B2G1310 / RRG
Nitrite as N	"	ND			0.10	"	07/21/22 22:05	"	"

Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch / Analyst
Arsenic	ug/l	ND			2.00	EPA 200.8	08/05/22	08/01/22	B2G1453 / EDM

Quality Control Data

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
General Chemistry Batch B2G1310 - General Prep - GC										
Blank										
Nitrate as N	ND	0.10	mg/l							
Nitrite as N	ND	0.10	mg/l							
LCS										
Nitrate as N	0.94	0.10	mg/l	1.00		93.6	90-110			
Nitrite as N	0.98	0.10	mg/l	1.00		97.7	90-110			
Duplicate	Source: 22G0984-01									
Nitrate as N	2.15	0.10	mg/l		2.15			0.237	20	
Nitrite as N	ND	0.10	mg/l		ND				20	
Matrix Spike	Source: 22G0984-01									



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Analytical Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
General Chemistry Batch B2G1310 - General Prep - GC										
Nitrate as N	3.17	0.10	mg/l	1.00	2.15	102	80-120			
Nitrite as N	0.94	0.10	mg/l	1.00	ND	94.3	80-120			
Metals - Total Batch B2G1453 - EPA 200.8 Total										
Blank										
Arsenic	ND	2.00	ug/l							
LCS										
Arsenic	97.1	2.00	ug/l	100		97.1	85-115			
Duplicate	Source: 22G0811-01									
Arsenic	0.38	2.00	ug/l		0.33			15.4	20	
Matrix Spike	Source: 22G0811-01									
Arsenic	93.2	2.00	ug/l	100	0.33	92.8	75-125			

Notes and Definitions

ND Analyte NOT DETECTED at or above the detection limit

RPD Relative Percent Difference

MDL Method Detection Limit

RL Reporting Limit

* or # CA-ELAP does not accredit this analyte or method as of December 2020. (Newly released 2021 FOA tables may include this analyte or method.)

Note 1 Received Temperature - according to EPA guidelines, samples for most chemistry methods should be held at ≤ 5 degrees C after collection, including during transportation, unless samples are received on ice and collected on the same day as delivery. Regulating agencies may invalidate results if temperature requirements are not met.

Note 2 According to 40 CFR Part 136 Table II, the following tests should be analyzed in the field within 15 minutes of sampling: pH, chlorine, dissolved oxygen, and sulfite.



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Analytical Report

Approved By

I certify that these results meet the requirements of the applicable accreditation standard, and were performed in compliance with the stated analytical methods unless otherwise noted in the qualifications or Case Narrative section of this report.

Approved By: *Ricky Jensen*
Ricky Jensen, General Manager
Pace Analytical Services LLC - Redding CA
California ELAP Cert #1677 & 2718

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22G0990

BASIC LABORATORY, INC. - CHAIN OF CUSTODY (STANDARD)

2218 Railroad Avenue, Redding, CA 96001 (530) 243-7234 FAX (530) 243-7494
 3860 Morrow Lane, Suite F Chico, CA 95928 (530) 894-8966 FAX: (530) 894-5143

CLIENT NAME

3REESE II WATER SYSTEM

MAILING ADDRESS

O BOX 9082

RED BLUFF, CA 96080

PROJECT NAME

DRINKING WATER MONITORING

PROJECT / PO #

REPORT TO ☒ Email ☐ Mail Hardcopy

NAME / ATTENTION

SHERBY-GARVER WALKER

PHONE 541-778-1447 FAX 7-21-22

VOICE TO SAME

EMAIL

breesewater@gmail.com

SPECIAL INSTRUCTIONS / PCA

QC REPORTS TO MIKE BUTLER

☒ Regulatory☐ Non-Regulatory

QC Reported? (check one)

☒ None ☐ STD ☐ Other

Do you require Electronic Data Deliverables (EDD)?

☒ Yes ☐ No What Type? CA CLIP

REGULATORY ID / SOURCE CODE (if applicable)

CA5200008_001_001

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CA5200008_001_001

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REGULATORY ID / SOURCE CODE (if applicable)

CA5200008_001_001

SAMPLING / ANALYSIS COMMENTS

IMPLED BY: (please print) Tony Casados / Pace Analytical - Redding

RELINQUISHED DATE / TIME:

7-21-22 1330

7-21-22 1330

7-21-22 1330

7-21-22 1330

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7-21-22 1330

I authorize Basic Laboratory to perform the indicated tests. By signing I agree to Basic Laboratory's TERMS and CONDITIONS. (www.basiclab.com/terms)

PER AUTHORIZATION

AGREEMENT

RECEIVED BY

RECEIVED BY

RECEIVED BY

RECEIVED BY

RECEIVED BY

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*SAMPLE TYPE CODES

Aqueous

DW = Drinking Water

DWS=Drinking Water Source

WW = Wastewater

GW = Groundwater

STW = Stormwater

SW = Surface Water

RW = Rain Water

N/A=Aqueous

SLG = Sludge

SO = Soil

SPW = Solid Waste

OL = Oil

OT = Other (Specify)

DATE/TIME

DATE/TIME

DATE/TIME

DATE/TIME



SAMPLE RECEIPT CHECKLIST

WO NUMBER 22G0990

SHIPPING INFORMATION	
Walk-In	☐
Courier	☐
FedEx	☐
UPS	☐
Other	☒
Cooler Present?	Yes ☒ No ☐

Samples Received By: sm Date: 7-21-22

Samples received on ice? Yes ☒ No ☐
 Samples received the same day collected? Yes ☒ No ☐

Ice type? ☐ Wet ☒ Blue ☐ Other _____

SAMPLE TEMPERATURES AT RECEIPT

Therm. ID (Circle one): Therm-36 Therm-37 Therm-59 Other: _____

Sample ID	Corr Temp (°C)	Sample ID	Corr Temp (°C)	Sample ID	Corr Temp (°C)	Sample ID	Corr Temp (°C)
-01	<u>7.4</u>	-06		-11		-16	
-02		-07		-12		-17	
-03		-08		-13		-18	
-04		-09		-14		-19	
-05		-10		-15		-20	

SAMPLE CONDITION AND PROCESSING

Samples Processed and Labeled By: sm Date: 7-21-22

	Yes	No	NA
Custody seals present?	☐	☐	☒
Samples in proper containers?	☒	☐	☐
Sample containers damaged?	☐	☒	☐
Sufficient sample volume for indicated tests?	☒	☐	☐
Samples received within holding times?	☒	☐	☐
Are VOA vials free of headspace?	☐	☐	☒
Dechlor. agent labels present (i.e., colliert, TTHMs)?	☐	☐	☒

SAMPLE PRESERVATION NA ☐

Preserved in the field? Yes ☐ No ☒ NA ☐
 Preserved in the lab? Yes ☒ No ☐ NA ☐

Lab Preservation Date & Time 7-21-22 14:55
☐ H2SO4 (ID _____) ☒ HNO3 (ID 2608006) ☐ NaOH (ID _____)
☐ Other (ID _____) ☐ Other (ID _____)

H2SO4 preserved samples confirmed to pH <2 (i.e., E350.1, SM5220, SM5310)?

HNO3 preserved samples confirmed to pH <2 (i.e., E200.7, E200.8, 6010)?

NaOH preserved samples confirmed to pH >10 (cyanide) or >9 (sulfide)?

Hexavalent Chromium (DW) preserved samples confirmed to pH >8 & Chlorine <0.1 mg/l?

Hexavalent Chromium (W) preserved samples confirmed to pH 9.3 - 9.7?

Are proper preservation labels present?

	Yes	No	NA
☐	☐	☒	
☒	☐	☐	
☐	☐	☒	
☐	☐	☒	
☐	☐	☒	
☒	☐	☐	

By: _____ Meter ID: _____

Preservation checked at Lab? Date & Time 7-21-22 14:57 Test Strip (ID) 2B24019

Preservation and Preservation Checks performed by: sm

COMMENTS, DISCREPANCIES, ANOMALIES
