



August 18, 2023

**** DRAFT ****

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

RE: DRINKING WATER MONITORING

Enclosed are the results of analyses for samples received by our laboratory on 8/17/2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DRAFT REPORT
DATA SUBJECT TO CHANGE



2218 Railroad Avenue
Redding, California 96001
voice 530.243.7234
fax 530.243.7494

Analytical Report

DRAFT REPORT

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

Lab No: 23H0801
Reported: 08/18/23
Phone: (530) 527-0170

The following pages contain the laboratory results for Work Order 23H0801, received on 08/17/23. 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.

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
23H0801-01	120 GURNSEY DRIVE	Drinking Water	08/17/2023	08/17/2023
23H0801-02	WELL 1	Drinking Water	08/17/2023	08/17/2023



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Analytical Report

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Sample Results

Description:	120 GURNSEY DRIVE	Sampled:	08/17/23 06:06
Matrix / Type:	Drinking Water (Routine)	Lab ID:	23H0801-01
		Received:	08/17/23 13:10

Microbiology - Redding Location

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch / Analyst
Total Coliforms	Present/Absent	Absent				SM 9223 B Colilert-18	08/18/23 11:39	08/17/23 17:39	B3H1729 / CPY
E. Coli	Present/Absent	Absent				SM 9223 B Colilert-18	08/18/23 11:39	08/17/23 17:39	B3H1729 / CPY



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Analytical Report

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Description: WELL 1
Matrix / Type: Raw Water (Source)

Lab ID: 23H0801-02

Sampled: 08/17/23 06:23
Received: 08/17/23 13:10

Microbiology - Redding Location

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch / Analyst
Total Coliforms	MPN/100 ml	<1			1	SM 9223 B Colilert-18	08/18/23 11:39	08/17/23 17:39	B3H1731 / CPY
E. Coli	MPN/100 ml	<1			1	SM 9223 B Colilert-18	08/18/23 11:39	08/17/23 17:39	B3H1731 / CPY

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 # The laboratory does not hold CA-ELAP accreditation for this analyte or method. Accreditation may not be available from CA-ELAP for this analyte or method.

** The laboratory holds accreditation for this analyte or method with WA-ECY Lab ID: Lab ID C783. Accreditation is not offered for this method by CA-ELAP

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.

Accreditations Held:

Redding Location: CA-ELAP - Cert # 1677

Chico Location: CA-ELAP - Cert # 2718

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: _____

DRAFT REPORT, DATA SUBJECT TO CHANGE

DRAFT REPORT

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. All data is 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. Use of this report in whole or part for public advertising or any other commercial purpose requires prior written authorization.



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Analytical Report

DRAFT REPORT

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

Report Date: 08/18/23
Lab Sample ID: 23H0801-01

System Name: BREESE SUBDIVISION 2
PS Code:
Client Sample ID: 120 GURNSEY DRIVE
Sampled By: Michael Hetzler
Sample Type: Routine

Field Chlorine (mg/l): 0.86
Sample Date: 08/17/23 06:06
Sample Received: 08/17/23 13:10
System Number: CA5200008

Test results listed below with a valid CLIP code will be electronically submitted the state's drinking water database via the California Laboratory Intake Portal (CLIP). A copy all of the results on this page (with or without a valid CLIP code) will also be submitted directly to the appropriate regulatory agency as required by law. If you believe any information on this report to be inaccurate, please let us know as soon as possible.

Regulatory Agency CC: Tehama County Environmental Health

CLIP	MICROBIOLOGY	RESULTS	UNITS	RL	DLR	PRIMARY MCL / AL	SECONDARY MCL
	Total Coliforms	Absent	Present/Absent				
	E. Coli	Absent	Present/Absent				



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Analytical Report

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

Report Date: 08/18/23
Lab Sample ID: 23H0801-02

System Name: BREESE SUBDIVISION 2
PS Code: CA5200008_001_001
Client Sample ID: WELL 1
Sampled By: Michael Hetzler
Sample Type: Source

Field Chlorine (mg/l): 0.00
Sample Date: 08/17/23 06:23
Sample Received: 08/17/23 13:10
System Number: CA5200008

Test results listed below with a valid CLIP code will be electronically submitted the state's drinking water database via the California Laboratory Intake Portal (CLIP). A copy all of the results on this page (with or without a valid CLIP code) will also be submitted directly to the appropriate regulatory agency as required by law. If you believe any information on this report to be inaccurate, please let us know as soon as possible.

Regulatory Agency CC: Tehama County Environmental Health

CLIP	MICROBIOLOGY	RESULTS	UNITS	RL	DLR	PRIMARY MCL / AL	SECONDARY MCL
	Total Coliforms	<1	MPN/100 ml	1			
	E. Coli	<1	MPN/100 ml	1			

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.

* Stars denote tiered Maximum Contaminant and/or Action Levels (* 250-500-600, ** 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's Reporting Limit

MCL / AL Maximum Contaminant Level or Action Level

SECONDARY MCL California recognizes secondary MCLs, set to protect the odor, taste, and appearance of drinking water.

[illegible]



SAMPLE RECEIPT CHECKLIST

 WO NUMBER 23H0801

Samples Received Via:		
Fed-Ex <input type="checkbox"/>	Client Walk-In <input type="checkbox"/>	Courier <input type="checkbox"/>
UPS <input type="checkbox"/>	Pace Field Service <input checked="" type="checkbox"/>	Other <input type="checkbox"/>

 Samples Received By: DE Date: 8/17/23 Time: 13:10
 Are samples for regulatory compliance? Yes ☒ No ☐

THERMAL PRESERVATION

 Were samples received in a cooler? Yes ☒ No ☐ If no, take temperature of representative sample container and record below.
 If no, do they require thermal preservation? Yes ☐ No ☐ If no, why not? Non-regulatory ☐ Not Required by Method ☐
 Samples received on ice? Yes ☒ No ☐ Ice type? Wet ☐ Ice Packs ☒ Other _____
 Samples received the same day collected? Yes ☒ No ☐

 Therm. ID (Circle one): Therm-36(IR) Therm-37(IR) Therm-59(IR) Therm-41(Stick) Therm-C01(IR) Therm-C02(IR) Other: _____

Cooler #1 Init. Temp °C <u>6.4</u>	Correction °C <u>-2.5</u>	Corrected Temp °C <u>3.9</u>
Cooler #2 Init. Temp °C <u>11.2</u>	Correction °C <u>-2.5</u>	Corrected Temp °C <u>8.7</u>
Cooler #3 Init. Temp °C <u>12.8</u>	Correction °C <u>-2.5</u>	Corrected Temp °C <u>10.3</u>

No Cooler - Representative Sample Temperature: Init. Temp °C _____ Correction °C _____ Corrected Temp °C _____

 Do samples received meet thermal preservation requirements? Yes ☒ No ☐ N/A ☐

Thermal Preservation Notes/Discrepancies/Nonconformances:

SAMPLE CONDITION AND PROCESSING

 Do all sample IDs on labels match the COC? Yes ☒ No ☐
 Custody seals present? Yes ☐ No ☐ N/A ☒
 Samples in proper containers? Yes ☒ No ☐
 Sample containers damaged? Yes ☐ No ☒
 Sufficient sample volume for indicated tests? Yes ☒ No ☐
 Samples received with sufficient holding time? Yes ☒ No ☐
 Are VOA vials free of headspace? Yes ☒ No ☐ N/A ☐

CHEMICAL PRESERVATION

 Were the sample containers received with labels that indicate that appropriate preservatives were present for the indicated tests? Yes ☒ No ☐ N/A ☐
 Were samples received properly dechlorinated? Yes ☐ No ☐ N/A ☐ For Dechlorination checks done by analysts, were dechlor. agent labels present? Yes ☒ No ☐
 Are any of the pH verification checks or dechlorination checks being performed by a subcontract laboratory? Yes ☒ No ☐ N/A ☐

 Preservation checked by Sample Receiving? Initials _____ Date & Time _____ Test Strip (ID _____)
 Dechlorination checked by Sample Receiving? Initials _____ Date & Time _____ Test Strip (ID _____)

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

Yes	No	NA
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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 Added upon sample receipt? Yes ☐ No ☐

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

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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 Were any additional preservatives added after receipt because of a failed pH verification? Yes ☐ No ☐ Initial pH: _____ Final pH _____

 If yes, is addition of preservatives allowed by the method? Yes ☐ No ☐ Were additional preservatives added on the date of sampling? Yes ☐ No ☐

List preservatives added at receipt:

Type: _____	Volume Added: _____	ID: _____	Type: _____	Volume Added: _____	ID: _____
Type: _____	Volume Added: _____	ID: _____	Type: _____	Volume Added: _____	ID: _____

COMMENTS, DISCREPANCEIS, ANOMALIES, NONCONFORMANCES