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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: 22L0719
Reported: 12/16/22
Phone: (530) 527-0170

Included in this report are laboratory results for work order 22L0719, received on 12/15/22. 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: 120 GURNSEY DRIVE
Matrix / Type: Drinking Water (Routine)
Lab ID: 22L0719-01
Sampled: 12/15/22 07:28
Received: 12/15/22 12:30

Microbiology - Redding Location

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch / Analyst
Total Coliforms	Present/Absent	Absent				SM 9223 B Colilert-18	12/16/22 09:11	12/15/22 15:11	B2L1168 / CPY
E. Coli	Present/Absent	Absent				SM 9223 B Colilert-18	12/16/22 09:11	12/15/22 15:11	B2L1168 / 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 sulfate.

Accreditations Held:

Redding Location: CA-ELAP - Cert # 1677
Chico Location: CA-ELAP - Cert # 2718



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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: _____

Chyna Yang, Microbiologist

Pace Analytical Services LLC - Redding CA

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

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

Report Date: 12/16/22
Lab Sample ID: Z2L0719-01

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

Field Chlorine (mg/l): 0.00
Sample Date: 12/15/22 07:28
Sample Received: 12/15/22 12:30
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				

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 22L0719

Samples Received Via:

Fed-Ex ☐ Client Walk-In ☐ Courier ☐
UPS ☐ Pace Field Service ☒ Other ☐Samples Received By: hm Date: 12-15-22 Time: 12:30
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 6.8 Correction °C +0.1 Corrected Temp °C 6.9

Cooler #2 Init. Temp °C _____ Correction °C _____ Corrected Temp °C _____

Cooler #3 Init. Temp °C _____ Correction °C _____ Corrected Temp °C _____

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 ☒ hm 12-15-22Sufficient sample volume for indicated tests? Yes ☒ No ☐Samples received with sufficient holding time? Yes ☒ No ☒ hm 12-15-22Are 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 ☐

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
☐ ☐ ☐

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 - 9.77

☐ ☐ ☐

In Lab By: _____ Meter ID: _____

Were any additional preservatives added after receipt? Yes ☐ No ☐ Initial pH: _____ Final pH: _____If yes, is addition of preservatives allowed by the method? Yes ☐ No ☐

List preservatives added at receipt:

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

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

COMMENTS, DISCREPANCIES, ANOMALIES, NONCONFORMANCES