April 11, 2025

AUTUMN WALKER
BREESE II WATER SYSTEM
PO Box 9062
RED BLUFF, CA 96080

RE: DRINKING WATER MONITORING

Enclosed are the results of analyses for samples received by our laboratory on 3/28/2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bryan Ervin For Nikki Aceituno
Client Services Manager

2218 Railroad Avenue
Redding, California 96001
voice 530.243.7234
fax 530.243.7494

Analytical Report

Report To: BREESE II WATER SYSTEM
PO Box 9062
RED BLUFF, CA 96080
Attention: AUTUMN WALKER
Project: DRINKING WATER MONITORING

Lab No: 25C0650
Reported: 04/11/25
Phone: 530-209-2748

The following pages contain the laboratory results for Work Order 25C0650, received on 03/28/25. 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
25C0650-01	WELL 1	Drinking Water	03/28/2025	03/28/2025

Subcontracted Testing

The following samples were subcontracted to an alternative laboratory for test methods listed. The test reports for the subcontracted tests are included as attachments, immediately following the signauture page.

Electronic Deliverable CA Drinking Water
25C0650-01 (WELL 1)

Chromium, Hexavalent by EPA 218.7
25C0650-01 (WELL 1)

2218 Railroad Avenue
Redding, California 96001
voice 530.243.7234
fax 530.243.7494

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 accreditiation 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:_____

Bryan Ervin For Nikki Aceituno, Client Services Manager

Pace Analytical Services LLC - Redding CA

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Redding ClientServices
Pace Analytical Services LLC
2218 Railroad Ave
Redding, California 96001

Generated 4/6/2025 6:48:29 PM

JOB DESCRIPTION

25C0650

JOB NUMBER

380-143082-1

Eurofins Eaton Analytical Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

Eurofins Eaton Analytical Pomona

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Eaton Analytical, LLC Project Manager.

Compliance Statement

1. Laboratory is accredited in accordance with TNI 2016 Standards and ISO/IEC 17025:2017.
2. Laboratory certifies that the test results meet all TNI 2016 and ISO/IEC 17025:2017 requirements unless noted under the individual analysis
3. Test results relate only to the sample(s) tested.
4. This report shall not be reproduced except in full, without the written approval of the laboratory.
5. Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below. (DW,Water matrices)

Authorization

Generated
4/6/2025 6:48:29 PM

Authorized for release by
MaryAnn Viernes, Project Manager
MaryAnn.Viernes@et.eurofinsus.com
(626)386-1100

Table of Contents

Definitions/Glossary

Client: Pace Analytical Services LLC
Project/Site: 25C0650

Job ID: 380-143082-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 380-143082-1 — Eurofins Eaton Analytical Pomona

Job Narrative
380-143082-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The sample was received on 4/1/2025 9:40 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Pace Analytical Services LLC
Project/Site: 25C0650

Job ID: 380-143082-1

Client Sample ID: 25C0650-01 WELL 1

Lab Sample ID: 380-143082-1

PWSID Number: CA5200008_001_001

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Hexavalent Chromium (CrVI)	0.50		0.020		ug/L	1		218.7	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Pace Analytical Services LLC
Project/Site: 25C0650

Job ID: 380-143082-1

Client Sample ID: 25C0650-01 WELL 1
Date Collected: 03/28/25 08:32
Date Received: 04/01/25 09:40

Lab Sample ID: 380-143082-1
Matrix: Drinking Water
PWSID Number: CA5200008_001_001

Method: EPA 218.7 - Chromium, Hexavalent (Ion Chromatography)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent Chromium (CrVI)	0.50		0.020		ug/L		04/01/25 13:52	04/04/25 04:41	1

Action Limit Summary

Client: Pace Analytical Services LLC
Project/Site: 25C0650

Job ID: 380-143082-1

Client Sample ID: 25C0650-01 WELL 1

Lab Sample ID: 380-143082-1

PWSID Number: CA5200008_001_001

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	CAMCL P Limit	RL	Method	Prep Type
Hexavalent Chromium (CrVI)	0.50		ug/L	10	0.020	218.7	Total/NA

Method: 218.7 - Chromium, Hexavalent (Ion Chromatography)

Lab Sample ID: 380-143070-A-1-A MS
Matrix: Drinking Water
Analysis Batch: 145533

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 144996

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Hexavalent Chromium (CrVI)	4.5		2.00	6.63		ug/L		107	90 - 110

Lab Sample ID: 380-143070-A-1-A MSD
Matrix: Drinking Water
Analysis Batch: 145533

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 144996

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexavalent Chromium (CrVI)	4.5		2.00	6.64		ug/L		107	90 - 110	0	15

Lab Sample ID: MBL 380-145533/6
Matrix: Drinking Water
Analysis Batch: 145533

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MBL Result	MBL Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Hexavalent Chromium (CrVI)	ND		0.020		ug/L			04/04/25 03:32	1

Lab Sample ID: LCS 380-145533/7
Matrix: Drinking Water
Analysis Batch: 145533

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexavalent Chromium (CrVI)			2.00	2.17		ug/L		109	90 - 110

Lab Sample ID: LCSD 380-145533/8
Matrix: Drinking Water
Analysis Batch: 145533

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexavalent Chromium (CrVI)			2.00	2.16		ug/L		108	90 - 110	1	10

Lab Sample ID: MRL 380-145533/5
Matrix: Drinking Water
Analysis Batch: 145533

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Hexavalent Chromium (CrVI)			0.0200	0.0177	J	ug/L		88	50 - 150

QC Association Summary

Client: Pace Analytical Services LLC
Project/Site: 25C0650

Job ID: 380-143082-1

HPLC/IC

Prep Batch: 144996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143082-1	25C0650-01 WELL 1	Total/NA	Drinking Water	Pres Check	
380-143070-A-1-A MS	Matrix Spike	Total/NA	Drinking Water	Pres Check	
380-143070-A-1-A MSD	Matrix Spike Duplicate	Total/NA	Drinking Water	Pres Check	

Analysis Batch: 145533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143082-1	25C0650-01 WELL 1	Total/NA	Drinking Water	218.7	144996
MBL 380-145533/6	Method Blank	Total/NA	Drinking Water	218.7	
LCS 380-145533/7	Lab Control Sample	Total/NA	Drinking Water	218.7	
LCSD 380-145533/8	Lab Control Sample Dup	Total/NA	Drinking Water	218.7	
MRL 380-145533/5	Lab Control Sample	Total/NA	Drinking Water	218.7	
380-143070-A-1-A MS	Matrix Spike	Total/NA	Drinking Water	218.7	144996
380-143070-A-1-A MSD	Matrix Spike Duplicate	Total/NA	Drinking Water	218.7	144996

Lab Chronicle

Client: Pace Analytical Services LLC
Project/Site: 25C0650

Job ID: 380-143082-1

Client Sample ID: 25C0650-01 WELL 1

Date Collected: 03/28/25 08:32
Date Received: 04/01/25 09:40

Lab Sample ID: 380-143082-1

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	Pres Check			144996	LM8C	EA POM	04/01/25 13:52
Total/NA	Analysis	218.7		1	145533	UNJR	EA POM	04/04/25 04:41

Laboratory References:

EA POM = Eurofins Eaton Analytical Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100

Accreditation/Certification Summary

Client: Pace Analytical Services LLC
Project/Site: 25C0650

Job ID: 380-143082-1

Laboratory: Eurofins Eaton Analytical Pomona

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2813	06-18-25

Method Summary

Client: Pace Analytical Services LLC
Project/Site: 25C0650

Job ID: 380-143082-1

Method	Method Description	Protocol	Laboratory
218.7	Chromium, Hexavalent (Ion Chromatography)	EPA	EA POM
Pres Check	IC Preservation check	None	EA POM

Protocol References:

EPA = US Environmental Protection Agency

None = None

Laboratory References:

EA POM = Eurofins Eaton Analytical Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100

Sample Summary

Client: Pace Analytical Services LLC
Project/Site: 25C0650

Job ID: 380-143082-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-143082-1	25C0650-01 WELL 1	Drinking Water	03/28/25 08:32	04/01/25 09:40	CA5200008_001_001

Subcontract Order and Custody Chain

Pace Analytical - Redding ID: 25C0650

Receiving lab ID

SENDING LABORATORY:
Pace Analytical Services LLC - Redding
2218 Railroad Avenue
Redding, CA 96001-2504
Phone: (530) 243-7234
Nikki Aceituno

RECEIVING LABORATORY:
Eurofins Eaton Analytical- Pomona
941 Corporate Center Drive
Pomona, CA 91768
Phone: 626-386-1100
Sample Receiving

Please use standard TAT unless specific due date is requested
Email results and EDD files to ReddingClientServices@pacelabs.com
Please report results to MDL

380-143082 COC

Sample ID: 25C0650-01 WELL 1 **Collected: 03/28/25 08:32**

Sample Matrix Drinking Water
Sampled By Michael Hetzler
Regulatory ID CA5200008_001_001

Analysis/EDD Requested.
~EDT - CLIP SUB-EFN-POM
218 7 Cr Hexavalent DW SUB-EFN-POM

Analysis/EDD Comments.

Containers Supplied:
125 ml Poly with (NH4)2SO4/NH4OH CrVI (A)

Released By	Date	Received By	Date
	3/31/25	EEAP	04/01/25 09:40
Released By	Date	Received By	Date
		(751A) 2.0°-0.0°-2.6° REMT-FRMEX	

FEDEX 8802 0496 2230

Login Sample Receipt Checklist

Client: Pace Analytical Services LLC

Job Number: 380-143082-1

Login Number: 143082

List Number: 1

Creator: Gerfen, Chris

List Source: Eurofins Eaton Analytical Pomona

Question	Answer	Comment
The coolers custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
Samples were received on ice.	True	
Cooler(s) Temperature is acceptable.	True	
Cooler(s) Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and is legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
ClO4 headspace requirement met (>50% for CA, >30% for other states).	N/A	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

PACE® - CHAIN OF CUSTODY (STANDARD)

LABORATORY WORK ORDER # 25C0650

PAGE 1 OF 1

☑ 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	PROJECT NAME	PROJECT	PWS # (If Applicable)
BREESE II WATER SYSTEM	DRINKING WATER MONITORING		5200008 TEHAMA

MAILING ADDRESS
PO BOX 9062
RED BLUFF, CA 96080

REPORT TO ☑ Email ☐ Mail Hardcopy
NAME / ATTENTION: AUTUMN WALKER
PHONE: 530-527-0170

TURN AROUND TIME REQUESTED: ☑ Standard ☐ Rush _____

INVOICE TO: SAME

EMAIL: breesewater@gmail.com

SPECIAL INSTRUCTIONS / PO#: CC 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? CLIP

ID # (Lab Use Only)	DATE SAMPLED	TIME SAMPLED			SAMPLE TYPE*	Comp	Grab	SAMPLE LOCATION / IDENTIFICATION / DESCRIPTION	REGULATORY ID / SOURCE CODE (if Applicable)	NUMBER OF CONTAINERS	ANALYSES REQUESTED: Hexavalent Cr
-01	032825	0837	AM	PM	DWS		✓	Well 1	CA5200008_001_001	1	✓
			AM	PM							
			AM	PM							
			AM	PM							
			AM	PM							
			AM	PM							
			AM	PM							
			AM	PM							
			AM	PM							
			AM	PM							

SAMPLED BY: (please print) Michael Hetzler / Pace Analytical - Redding

RELINQUISHED DATE / TIME: 032825 1135 ~~032825 1335~~

SAMPLING / ANALYSIS COMMENTS

☐ I authorize Pace® to perform the indicated tests. By signing I agree to Pace® TERMS and CONDITIONS.

NAME: PER AUTHORIZATION AGREEMENT SIGNATURE DATE

RECEIVED BY	DATE/TIME	RELINQUISHED BY	DATE/TIME
RECEIVED BY	DATE/TIME	RELINQUISHED BY	DATE/TIME
RECEIVED BY LAB: Tresa Cochran	DATE/TIME: 3/28/25 1135	LOGGED BY LAB: ML / TC	DATE/TIME

For Official Lab Comments Only

*SAMPLE TYPE CODES

DW = Drinking Water
DWS=Drinking Water Source
WW = Wastewater
GW = Groundwater
STW = Stormwater
SW = Surface Water
RW = Rain Water

SLG = Sludge
SO = Soil
SDW = Solid Waste
OL = Oil
OT = Other (Specify)

FRM-002.1 - Chain of Custody (rev 1.1)

3

SAMPLE RECEIPT CHECKLIST

WO NUMBER 25C0650

Samples Received Via:
Fed-Ex ☐ Client Walk-In ☑ TC 3/29/25 Courier ☐
UPS ☐ Pace Field Service ☑ Other ☐

Samples Received By: TC Date: 3/28/25 Time: 1135
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-59(IR) Therm-72(IR) Therm-73(IR) Therm-C01(IR) Therm-C02(IR) Other: _____

Cooler #1 Init. Temp °C 6.9 Correction °C +0.4 Corrected Temp °C 7.3
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 ☑
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_____)
If preservative(s) were added by Sample Receiving, where they added at the same time as pH verification? Yes ☐ No ☐ N/A ☐ If no, Date & Time_____

	Yes	No	NA	
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)?	☐	☐	☐	Added upon sample receipt? Yes ☐ No ☐
NaOH preserved samples confirmed to pH >10 (cyanide) or >9 (sulfide)?	☐	☐	☐	

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