



August 29, 2023

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,

A handwritten signature in black ink that reads 'Ricky Jensen'.

Ricky Jensen 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
209 GURNSEY DRIVE
RED BLUFF, CA 96080
Attention: AUTUMN WALKER
Project: DRINKING WATER MONITORING

Lab No: 23H0801
Reported: 08/29/23
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
23H0801-03	WELL 1	Drinking Water	08/17/2023	08/17/2023

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 signature page.

Electronic Deliverable CA Drinking Water
23H0801-03 (WELL 1)

Chlorinated Herbicides by EPA 515.3
23H0801-03 (WELL 1)

SVOCs by EPA 525.3
23H0801-03 (WELL 1)

Glyphosate by EPA 547
23H0801-03 (WELL 1)



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Analytical Report

Sample Results

Description:	120 GURNSEY DRIVE	Lab ID:	23H0801-01	Sampled:	08/17/23 06:06
Matrix / Type:	Drinking Water (Routine)			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 Coli-18	08/18/23 11:39	08/17/23 17:39	B3H1729 / CPY
E. Coli	Present/Absent	Absent				SM 9223 B Coli-18	08/18/23 11:39	08/17/23 17:39	B3H1729 / CPY



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Analytical Report

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 Coli-18	08/18/23 11:39	08/17/23 17:39	B3H1731 / CPY
E. Coli	MPN/100 ml	<1			1	SM 9223 B Coli-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 sulfate.

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: _____

Ricky Jensen For Nikki Aceituno, Client Services Manager

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: 08/29/23
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: CAS200008

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

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

Report Date: 08/29/23
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 sulfide.

* 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.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2308E77

Report Created for: Pace Analytical Services LLC-Redding CA

2218 Railroad Avenue
Redding, CA 96001

Project Contact: Nikki Aceituno

Project P.O.:

Project: 23H0801

Project Received: 08/18/2023

Analytical Report reviewed & approved for release on 08/25/2023 by:

Christine Askari
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.





Glossary of Terms & Qualifier Definitions

Client: Pace Analytical Services LLC-Redding CA

WorkOrder: 2308E77

Project: 23H0801

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 μ m filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater



Glossary of Terms & Qualifier Definitions

Client: Pace Analytical Services LLC-Redding CA

WorkOrder: 2308E77

Project: 23H0801

TEQ	Toxicity Equivalents
TNTC	"To Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Pace Analytical Services LLC-Redding CA
Date Received: 08/18/2023 9:23
Date Prepared: 08/21/2023
Project: 23H0801

WorkOrder: 2308E77
Extraction Method: SW8151A
Analytical Method: E515.3
Unit: µg/L

Chlorinated Herbicides

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
23H0801-03 WELL 1	2308E77-001C	Water	08/17/2023 06:23		GC15A 08212336.D	276317
<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DE</u>	<u>Date Analyzed</u>	
2,4-D (Dichlorophenoxyacetic acid)	ND	0.080	0.20	1	08/22/2023 04:28	
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>				
DCAA	102	70-130			08/22/2023 04:28	
Analyst(s): DP						

Analytical Report

Client: Pace Analytical Services LLC-Redding CA
Date Received: 08/18/2023 9:23
Date Prepared: 08/23/2023
Project: 23H0801

WorkOrder: 2308E77
Extraction Method: E525.3
Analytical Method: E525.3
Unit: µg/L

E525.3 Semi-Volatile Organics

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
23H0001-03 WELL 1	2306E77-001B	Water	08/17/2023 06:23		GC35 08242323.D	276564
<u>Analyses</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DE</u>	<u>Date Analyzed</u>	
Simazine	ND	0.0092	0.050	1	08/24/2023 21:02	
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>				
2-Nitro-m-xylene	92	70-130			08/24/2023 21:02	
Analyst(s): LAT						



McC Campbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
<http://www.mccampbell.com> / E-mail: main@mccampbell.com

Analytical Report

Client: Pace Analytical Services LLC-Redding CA
Date Received: 08/18/2023 9:23
Date Prepared: 08/23/2023
Project: 23H0801

WorkOrder: 2308E77
Extraction Method: E547
Analytical Method: E547
Unit: µg/L

Glyphosate by HPLC with Derivatization

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
23H0801-03 WELL 1	2308E77-001A	Water	08/17/2023 06:23	HPLC1 08242200001a.D	276629

Analytes	Result	MDL	RL	DE	Date Analyzed
Glyphosate	ND	1.8	5.0	1	08/24/2023 21:53

Analyst(s): HAD



Quality Control Report

Client: Pace Analytical Services LLC-Redding CA
Date Prepared: 08/21/2023
Date Analyzed: 08/22/2023
Instrument: GC15A
Matrix: Drinking Water
Project: 23H0801

WorkOrder: 2308E77
BatchID: 276317
Extraction Method: SW8151A
Analytical Method: E515.3
Unit: µg/L
Sample ID: MB/LCS/LCSD-276317

QC Summary Report for E515.3

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Bentazon	ND	0.085	0.20	-	-	-
2,4-D (Dichlorophenoxyacetic acid)	ND	0.080	0.20	-	-	-
Dalapon	ND	0.16	0.20	-	-	-
DCPA (mono & diacid)	ND	0.11	0.20	-	-	-
Dicamba	ND	0.072	0.20	-	-	-
Dinoseb (DNBP)	ND	0.079	0.20	-	-	-
Pentachlorophenol (PCP)	ND	0.076	0.20	-	-	-
Picloram	ND	0.11	0.20	-	-	-
2,4,5-TP (Silvex)	ND	0.080	0.20	-	-	-

Surrogate Recovery

DCAA	9.7			10	97	70-130
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Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Bentazon	9.8	9.9	10	98	99	70-130	0.793	20
2,4-D (Dichlorophenoxyacetic acid)	10	10	10	104	101	70-130	2.68	20
Dalapon	11	10	10	110	104	70-130	5.57	20
DCPA (mono & diacid)	11	11	10	106	108	70-130	1.44	20
Dicamba	10	10	10	104	101	70-130	2.44	20
Dinoseb (DNBP)	9.9	9.8	10	99	98	70-130	0.634	20
Pentachlorophenol (PCP)	10	10	10	102	101	70-130	1.73	20
Picloram	10	11	10	103	107	70-130	3.86	20
2,4,5-TP (Silvex)	10	10	10	101	100	70-130	0.658	20

Surrogate Recovery

DCAA	11	11	10	109	105	70-130	3.54	20
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Quality Control Report

Client: Pace Analytical Services LLC-Redding CA
Date Prepared: 08/23/2023
Date Analyzed: 08/24/2023
Instrument: GC35
Matrix: Drinking Water
Project: 23H0801

WorkOrder: 2308E77
BatchID: 276564
Extraction Method: E525.3
Analytical Method: E525.3
Unit: µg/L
Sample ID: MB/LCS/LCSD-276564

QC Summary Report for E525.3

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Alachlor	ND	0.0088	0.050	-	-	-
Aldrin	ND	0.0018	0.010	-	-	-
Atrazine	ND	0.011	0.050	-	-	-
Benzo (a) pyrene	ND	0.0051	0.010	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.92	1.0	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.18	0.25	-	-	-
Bromacil	ND	0.029	0.050	-	-	-
Butachlor	ND	0.012	0.050	-	-	-
Chlordane (Technical)	ND	0.017	0.10	-	-	-
Diazinon	ND	0.0022	0.010	-	-	-
Dieldrin	ND	0.0024	0.010	-	-	-
Endrin	ND	0.014	0.050	-	-	-
g-BHC	ND	0.0012	0.010	-	-	-
Heptachlor	ND	0.0025	0.010	-	-	-
Heptachlor epoxide	ND	0.0017	0.010	-	-	-
Hexachlorobenzene	ND	0.0018	0.010	-	-	-
Hexachlorocyclopentadiene	ND	0.037	0.25	-	-	-
Methoxychlor	ND	0.0084	0.050	-	-	-
Metolachlor	ND	0.0029	0.010	-	-	-
Metribuzin	ND	0.023	0.050	-	-	-
Molinate	ND	0.0099	0.050	-	-	-
Pentachlorophenol	ND	0.0090	0.050	-	-	-
Propachlor	ND	0.0025	0.010	-	-	-
Simazine	ND	0.0092	0.050	-	-	-
Thiobencarb	ND	0.012	0.050	-	-	-
PCB 001	ND	0.00092	0.010	-	-	-
PCB 003	ND	0.00081	0.010	-	-	-
PCB 008	ND	0.0010	0.010	-	-	-
PCB 018	ND	0.0011	0.010	-	-	-
PCB 028	ND	0.0019	0.010	-	-	-
PCB 044	ND	0.0011	0.010	-	-	-
PCB 052	ND	0.0014	0.010	-	-	-
PCB 070	ND	0.0016	0.010	-	-	-
PCB 110	ND	0.0017	0.010	-	-	-
PCB 118	ND	0.0017	0.010	-	-	-
PCB 138	ND	0.0019	0.010	-	-	-
PCB 149	ND	0.0017	0.010	-	-	-
PCB 153	ND	0.0017	0.010	-	-	-

(Cont.)



Quality Control Report

Client: Pace Analytical Services LLC-Redding CA
Date Prepared: 08/23/2023
Date Analyzed: 08/24/2023
Instrument: GC35
Matrix: Drinking Water
Project: 23H0801

WorkOrder: 2308E77
BatchID: 276564
Extraction Method: E525.3
Analytical Method: E525.3
Unit: µg/L
Sample ID: MB/LCS/LCSD-276564

QC Summary Report for E525.3

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
PCB 180	ND	0.0017	0.010	-	-	-
Surrogate Recovery						
2-Nitro-m-xylene	0.098			0.1	98	70-130
Benzo (a) pyrene-d12	0.074			0.1	74	70-130
Triphenyl phosphate	0.087			0.1	87	70-130



Quality Control Report

Client: Pace Analytical Services LLC-Redding CA
Date Prepared: 08/23/2023
Date Analyzed: 08/24/2023
Instrument: GC35
Matrix: Drinking Water
Project: 23H0801

WorkOrder: 2308E77
BatchID: 276564
Extraction Method: E525.3
Analytical Method: E525.3
Unit: µg/L
Sample ID: MB/LCS/LCSD-276564

QC Summary Report for E525.3

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Alachlor	0.17	0.18	0.20	86	89	70-130	3.69	30
Aldrin	0.17	0.17	0.20	83	84	70-130	1.02	30
Atrazine	0.18	0.19	0.20	88	93	70-130	6.03	30
Benzo (a) pyrene	0.17	0.18	0.20	87	88	70-130	0.546	30
Bis (2-ethylhexyl) Adipate	0.74	0.78	1	74	78	70-130	5.11	30
Bis (2-ethylhexyl) Phthalate	0.72	0.75	1	72	75	70-130	3.95	30
Bromacil	0.16	0.17	0.20	80	84	70-130	4.80	30
Butachlor	0.16	0.18	0.20	82	90	70-130	8.53	30
Chlordane (Technical)	0.42	0.47	0.50	84	94	70-130	11.3	30
Diazinon	0.19	0.19	0.20	94	96	70-130	2.96	30
Dieldrin	0.18	0.18	0.20	91	89	70-130	2.48	30
Endrin	0.19	0.19	0.20	94	95	70-130	1.33	30
g-BHC	0.19	0.19	0.20	96	96	70-130	0.00272	30
Heptachlor	0.16	0.16	0.20	79	80	70-130	1.70	30
Heptachlor epoxide	0.19	0.19	0.20	96	97	60-130	1.39	30
Hexachlorobenzene	0.18	0.18	0.20	89	89	60-130	0.0914	30
Hexachlorocyclopentadiene	0.91	0.92	1	91	92	70-130	1.05	30
Methoxychlor	0.18	0.18	0.20	88	92	70-130	3.83	30
Metolachlor	0.18	0.19	0.20	88	95	70-130	7.39	30
Metribuzin	0.16	0.18	0.20	80	88	70-130	9.36	30
Molinate	0.20	0.21	0.20	100	104	70-130	3.20	30
Pentachlorophenol	1.0	1.0	1	100	100	70-130	0.103	30
Propachlor	0.19	0.19	0.20	93	96	70-130	4.02	30
Simazine	0.17	0.18	0.20	85	92	70-130	6.97	30
Thiobencarb	0.17	0.18	0.20	84	89	70-130	5.39	30
PCB 001	0.19	0.19	0.20	97	96	70-130	0.566	30
PCB 003	0.19	0.19	0.20	96	96	70-130	0.212	30
PCB 008	0.19	0.19	0.20	93	93	70-130	0.736	30
PCB 018	0.19	0.19	0.20	95	94	70-130	0.844	30
PCB 028	0.18	0.18	0.20	89	88	70-130	1.17	30
PCB 044	0.18	0.19	0.20	92	94	70-130	2.03	30
PCB 052	0.19	0.18	0.20	96	92	70-130	4.37	30
PCB 070	0.18	0.18	0.20	89	89	70-130	0.0475	30
PCB 110	0.18	0.19	0.20	90	93	70-130	3.46	30
PCB 118	0.17	0.18	0.20	87	88	70-130	0.563	30
PCB 136	0.17	0.18	0.20	87	89	70-130	2.28	30
PCB 149	0.17	0.18	0.20	86	89	70-130	3.07	30
PCB 153	0.17	0.18	0.20	87	89	70-130	3.25	30

(Cont.)



Quality Control Report

Client: Pace Analytical Services LLC-Redding CA
Date Prepared: 08/23/2023
Date Analyzed: 08/24/2023
Instrument: GC35
Matrix: Drinking Water
Project: 23H0801

WorkOrder: 2308E77
BatchID: 276564
Extraction Method: E525.3
Analytical Method: E525.3
Unit: $\mu\text{g/L}$
Sample ID: MB/LCS/LCSD-276564

QC Summary Report for E525.3

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
PCB 180	0.19	0.19	0.20	93	94	70-130	0.234	30
Surrogate Recovery								
2-Nitro-m-xylene	0.10	0.10	0.10	102	103	70-130	1.27	30
Benzo (a) pyrene-d12	0.093	0.093	0.10	93	93	70-130	0.593	30
Triphenyl phosphate	0.10	0.10	0.10	100	102	70-130	2.47	30



Quality Control Report

Client: Pace Analytical Services LLC-Redding CA
Date Prepared: 08/23/2023
Date Analyzed: 08/24/2023
Instrument: HPLC1
Matrix: Drinking Water
Project: 23H0801

WorkOrder: 2308E77
BatchID: 276529
Extraction Method: E547
Analytical Method: E547
Unit: µg/L
Sample ID: MB/LCS/LCSD-276529

QC Summary Report for E547

Analyte	MB Result	MDL	RL
Glyphosate	ND	1.8	5.0

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Glyphosate	190	180	200	93	93	70-130	0.765	20



CHAIN-OF-CUSTODY RECORD

WorkOrder: 2308E77 ClientCode: BASIC QuoteID: 232531
☐ EQUS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-Flag
☐ Detection Summary ☒ Excel [Element_J-flag_(Hist)]

☐ WaterTrax ☒ CLIP ☐ EDF

Requested TAT: 5 days;

Bill to:

Account Payable
 Pace Analytical Services LLC-Redding
 2218 Railroad Avenue
 Redding, CA 96001
 invoices@pacelabs.coupahost.com

Email: ReddingClientServices@Pacelabs.com
 PO: 23H0801

Date Received: 08/18/2023
 Date Logged: 08/18/2023

Lab ID	Client/SampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12

308E77-001	23H0801-03 WELL 1	Water	8/17/2023 06:23	☐	C	B	A	A	A	A						
------------	-------------------	-------	-----------------	--------------------------	---	---	---	---	---	---	--	--	--	--	--	--

Test Legend:

1	616_3_W
5	PREDD_CLIP EDT
3	

2	525_3_W
6	
10	

3	647_W
7	
11	

4	PRODisposal Fee
8	
12	

Project Manager: Susan Thompson

Prepared by: Valerie Alfaro

Comments: No partial reports, per email from Nikki, 3/8/23

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
 Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mcccampbell.com / E-mail: main@mcccampbell.com

WORK ORDER SUMMARY

Client Name: PACE ANALYTICAL SERVICES LLC-REDDING CA Project: 23H0801 Work Order: 2308E77
Client Contact: Nikki Aceituno QC Level: LEVEL 2
Client's Email: ReddingClientServices@Pacelabs.com Date Logged: 8/18/2023
Comments: No partial reports, per email from Nikki, 3/8/23

☐ WaterTrax ☒ CLIP ☐ EDF ☒ Excel ☐ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

ID	ClientSampleID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold Sub Out
23H0801-03	WELL 1	Water	ES47 (Glyphosate)	2	aVOA w/ Na2S2O3	☐	☐	☐	8/17/2023 6:23	5 days	8/25/2023	None	☐
23H0801-03	WELL 1	Water	ES2.5.3 SVOCs <SimaZine>	2	1LA w/ C6H8O6 + C6H7KO7 + EDTA	☐	☐	☐	8/17/2023 6:23	5 days	8/25/2023	None	☐
23H0801-03	WELL 1	Water	ES1.5.3 (OC Acidic Herbicides) <2,4-D (Dichlorophenoxyacetic acid)_2>	2	aVOA w/ Na2S2O3	☐	☐	☐	8/17/2023 6:23	5 days	8/25/2023	None	☐

RES: • STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

SUBCONTRACT ORDER

Pace Analytical Services LLC - Redding CA

23H0801

230801

SENDING LABORATORY:

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

RECEIVING LABORATORY:

McCAMPBELL ANALYTICAL INC
 1534 WILLOW PASS RD
 PITTSBURG, CA 94565
 Phone : (925) 252-9262

Please use standard TAT unless specific due date is requested.
 Email results & Element transfer file to ReddingClientServices@pacelabs.com.

Analysis	Laboratory ID	Comments
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Sample ID: 23H0801-03 WELL 1 Drinking Water Sampled: 08/17/23 06:23

Sampled By: Michael Hetzler
 Reg ID: CA5200008_001_001

EDT - CLIP SUB-MAI
 547 Glyphosate SUB-MAI
 525.3 - DW SVOCs SUB-MAI
 515.3 Chlorinated Herbicides SUB-MAI

Containers Supplied:

1L Amber Glass w/Asc. Acid+KHCitrate+EDTA (A)
 VOA Vial 40 mL Amber w/ Sodium Thiosulfate (C)
 VOA Vial 40 mL Amber w/ Sodium Thiosulfate (E)

1L Amber Glass w/Asc. Acid+KHCitrate+EDTA (B)
 VOA Vial 40 mL Amber w/ Sodium Thiosulfate (D)
 VOA Vial 40 mL Amber w/ Sodium Thiosulfate (F)

SIMAZINE ONLY
 2,4-D ONLY

1.3 wet

Released By

Date

Received By

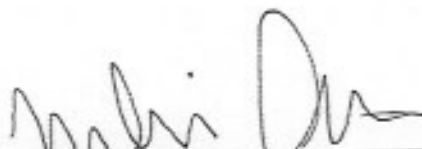
Date

Released By

Date

Received By

Date

 8/17/23
 Released By: FedEx Date: 8/18/23 0923
 Received By: [Signature] Date: 8/18/23 0923

**McC Campbell Analytical, Inc.***"When Quality Counts"*1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
<http://www.mccampbell.com> / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: Pace Analytical Services LLC-Redding CA
Project: 23H0801

Date and Time Received: 8/18/2023 09:23

Date Logged: 8/18/2023

Received by:

Logged by: Valerie Alfaro

WorkOrder No: 2308E77 Matrix:
Carrier: FedExChain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	NA ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 1.3°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☐ No ☐	NA ☒
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 216.7: >8)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒

Comments:



SAMPLE RECEIPT CHECKLIST

WO NUMBER 23H0801

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

Samples Received Via:		
Fed-Ex ☐	Client Walk-In ☐	Courier ☐
UPS ☐	Pace Field Service ☒	Other ☐

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 6.4 Correction °C -2.5 Corrected Temp °C 3.9
 Cooler #2 Init. Temp °C 11.2 Correction °C -2.5 Corrected Temp °C 8.7
 Cooler #3 Init. Temp °C 12.8 Correction °C -2.5 Corrected Temp °C 10.3

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 ☐

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

Yes ☐ No ☐ NA ☐

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

Yes ☐ No ☐ NA ☐

Added upon sample receipt? Yes ☐ No ☐

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, DISCREPANCIES, ANOMALIES, NONCONFORMANCES