

Work Orders: 3F13144

Report Date: 7/19/2023

Project: Faucet 1 - Amore

Received Date: 6/13/2023

Turnaround Time: Normal

Phones: (949) 432-0525

Attn: Evan Rivera

Fax:

P.O. #:

Client: The Water Brewery
1125 Victoria St.
Costa Mesa, CA 92627

Billing Code:

DoD-ELAP ANAB #ADE-2882 • DoD-ISO ANAB # • ELAP-CA #1132 • EPA-UCMR #CA00211 • ISO17025 ANAB #L2457.01 • LACSD #10143

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

Dear Evan Rivera,

Enclosed are the results of analyses for samples received 6/13/23 with the Chain-of-Custody document. The samples were received in good condition, at 1.5 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Reviewed by:



Erika C. Alvarenga
PM Assistant



The Water Brewery
 1125 Victoria St.
 Costa Mesa, CA 92627

Project Number: Faucet 1 - Amore

Reported:
 07/19/2023 14:32

Project Manager: Evan Rivera

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
Faucet 1 - Amore	Evan Rivera	3F13144-01	Water	06/13/23 09:30	

Analyses Accreditation Summary

Analyte	CAS #	Not By NELAP	ANAB ISO 17025
SM 4500Cl-G in Water			
Chlorine Residual, Free	7782-50-5	✓	
Monochloramine	10599-90-3	✓	
Dichloramine	3400-09-7	✓	
SM 9223B in Water			
Total Coliform		✓	
E. coli		✓	

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Sample Results

Sample: Faucet 1 - Amore
3F13144-01 (Water) Sampled: 06/13/23 9:30 by Evan Rivera

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Anions by IC, EPA Method 300.0						
Method: EPA 300.0		Instr: LC12				
Batch ID: W3F1160	Preparation: _NONE (LC)	Prepared: 06/14/23 11:09		Analyst: jan		
Fluoride, Total	ND	0.10	mg/l	1	06/14/23	
Sulfate as SO4	1.0	0.50	mg/l	1	06/14/23	
Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods						
Method: EPA 350.1		Instr: AA06				
Batch ID: W3F1672	Preparation: _NONE (WETCHEM)	Prepared: 06/20/23 16:06		Analyst: YMT		
Ammonia as N	ND	0.10	mg/l	1	06/22/23	
Method: SM 2320B		Instr: PH17				
Batch ID: W3F1986	Preparation: _NONE (WETCHEM)	Prepared: 06/23/23 09:57		Analyst: jol		
Alkalinity as CaCO3	30	5.0	mg/l	1	06/26/23	
Bicarbonate Alkalinity as HCO3	ND	6.1	mg/l	1	06/26/23	
Carbonate Alkalinity as CaCO3	28	5.0	mg/l	1	06/26/23	
Hydroxide Alkalinity as CaCO3	ND	5.0	mg/l	1	06/26/23	
Method: SM 2540C		Instr: OVEN17				
Batch ID: W3F1313	Preparation: _NONE (WETCHEM)	Prepared: 06/15/23 12:35		Analyst: bel		
Total Dissolved Solids	69	10	mg/l	1	06/16/23	
Method: SM 4500Cl-G		Instr: UVVIS04				
Batch ID: W3F1132	Preparation: _NONE (WETCHEM)	Prepared: 06/14/23 09:37		Analyst: cpt		
Chlorine Residual, Free	ND	0.050	mg/l	1	06/14/23	*
Chlorine Residual, Total	ND	0.050	mg/l	1	06/14/23 19:14	*
Dichloramine	ND	0.050	mg/l	1	06/14/23	*
Monochloramine	ND	0.050	mg/l	1	06/14/23	*
Metals by EPA 200 Series Methods						
Method: EPA 200.7		Instr: ICP03				
Batch ID: W3F1581	Preparation: EPA 200.2	Prepared: 06/20/23 08:46		Analyst: kvm		
Calcium, Total	ND	0.500	mg/l	1	06/21/23	
Iron, Total	ND	30	ug/l	1	06/21/23	
Magnesium, Total	11.0	0.500	mg/l	1	06/21/23	
Potassium, Total	ND	0.50	mg/l	1	06/21/23	
Silica as SiO2, Total	0.70	0.10	mg/l	1	06/21/23	
Sodium, Total	2.4	1.0	mg/l	1	06/21/23	
Method: EPA 200.8		Instr: ICPMS04				
Batch ID: W3F1583	Preparation: EPA 200.2	Prepared: 06/20/23 12:20		Analyst: tyc		
Aluminum, Total	ND	20	ug/l	1	06/21/23	
Antimony, Total	ND	0.50	ug/l	1	06/21/23	
Arsenic, Total	ND	0.50	ug/l	1	06/21/23	
Barium, Total	ND	1.0	ug/l	1	06/21/23	

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Sample Results

(Continued)

Sample: Faucet 1 - Amore
3F13144-01 (Water)

Sampled: 06/13/23 9:30 by Evan Rivera
(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
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Metals by EPA 200 Series Methods (Continued)

Method: EPA 200.8		Instr: ICPMS04				
Batch ID: W3F1583	Preparation: EPA 200.2	Prepared: 06/20/23 12:20	Analyst: tyc			
Beryllium, Total	ND	0.10	ug/l	1	06/21/23	
Cadmium, Total	ND	0.50	ug/l	1	06/21/23	
Chromium, Total	ND	2.0	ug/l	1	06/21/23	
Copper, Total	ND	1.0	ug/l	1	06/21/23	
Lead, Total	ND	0.20	ug/l	1	06/21/23	
Manganese, Total	ND	1.0	ug/l	1	06/21/23	
Nickel, Total	ND	2.0	ug/l	1	06/21/23	
Selenium, Total	ND	0.50	ug/l	1	06/21/23	
Silver, Total	ND	0.20	ug/l	1	06/21/23	
Thallium, Total	ND	0.20	ug/l	1	06/21/23	
Zinc, Total	ND	10	ug/l	1	06/21/23	

Method: EPA 245.1		Instr: HG03				
Batch ID: W3F1747	Preparation: EPA 245.1	Prepared: 06/21/23 10:23	Analyst: KVM			
Mercury, Total	ND	0.050	ug/l	1	06/22/23	

Microbiological Parameters by Standard Methods

Method: SM 9223B		Instr: INC12				
Batch ID: W3F1158	Preparation: _NONE (MICROBIOLOGY)	Prepared: 06/13/23 15:10	Analyst: rea			
E. coli	ND	1.0	MPN/100mL	1	06/14/23	
Total Coliform	ND	1.0	MPN/100mL	1	06/14/23	

Radiological Parameters by APHA/EPA Methods

Method: EPA 200.8		Instr: ICPMS04				
Batch ID: W3F1583	Preparation: EPA 200.2	Prepared: 06/20/23 12:20	Analyst: tyc			
Uranium Rad	ND	0.13	pCi/ L	1	06/21/23	

Volatile Organic Compounds by P&T and GC/MS

Method: EPA 524.2		Instr: GCMS14				
Batch ID: W3F1245	Preparation: EPA 5030B	Prepared: 06/15/23 13:25	Analyst: cam			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/l	1	06/16/23	
1,1,1-Trichloroethane	ND	0.50	ug/l	1	06/16/23	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	1	06/16/23	
1,1,2-Trichloroethane	ND	0.50	ug/l	1	06/16/23	
1,1-Dichloroethane	ND	0.50	ug/l	1	06/16/23	
1,1-Dichloroethene	ND	0.50	ug/l	1	06/16/23	
1,1-Dichloropropene	ND	0.50	ug/l	1	06/16/23	
1,2,3-Trichlorobenzene	ND	0.50	ug/l	1	06/16/23	
1,2,4-Trichlorobenzene	ND	0.50	ug/l	1	06/16/23	
1,2,4-Trimethylbenzene	ND	0.50	ug/l	1	06/16/23	

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Sampled: 06/13/23 9:30 by Evan Rivera

(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by P&T and GC/MS (Continued)						
Method: EPA 524.2		Instr: GCMS14				
Batch ID: W3F1245	Preparation: EPA 5030B	Prepared: 06/15/23 13:25		Analyst: cam		
1,2-Dichloroethane	ND	0.50	ug/l	1	06/16/23	
1,2-Dichloropropane	ND	0.50	ug/l	1	06/16/23	
1,3,5-Trimethylbenzene	ND	0.50	ug/l	1	06/16/23	
1,3-Dichloropropane	ND	0.50	ug/l	1	06/16/23	
1,3-Dichloropropene, Total	ND	0.50	ug/l	1	06/16/23	
2,2-Dichloropropane	ND	0.50	ug/l	1	06/16/23	
2-Butanone	ND	5.0	ug/l	1	06/16/23	
2-Chlorotoluene	ND	0.50	ug/l	1	06/16/23	
2-Hexanone	ND	5.0	ug/l	1	06/16/23	
4-Chlorotoluene	ND	0.50	ug/l	1	06/16/23	
4-Methyl-2-pentanone	ND	5.0	ug/l	1	06/16/23	
Benzene	ND	0.50	ug/l	1	06/16/23	
Bromobenzene	ND	0.50	ug/l	1	06/16/23	
Bromochloromethane	ND	0.50	ug/l	1	06/16/23	
Bromodichloromethane	ND	0.50	ug/l	1	06/16/23	
Bromoform	ND	0.50	ug/l	1	06/16/23	
Bromomethane	ND	0.50	ug/l	1	06/16/23	
Carbon tetrachloride	ND	0.50	ug/l	1	06/16/23	
Chlorobenzene	ND	0.50	ug/l	1	06/16/23	
Chloroethane	ND	0.50	ug/l	1	06/16/23	
Chloroform	ND	0.50	ug/l	1	06/16/23	
Chloromethane	ND	0.50	ug/l	1	06/16/23	
cis-1,2-Dichloroethene	ND	0.50	ug/l	1	06/16/23	
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	06/16/23	
Dibromochloromethane	ND	0.50	ug/l	1	06/16/23	
Dibromomethane	ND	0.50	ug/l	1	06/16/23	
Dichlorodifluoromethane (Freon 12)	ND	0.50	ug/l	1	06/16/23	
Di-isopropyl ether	ND	2.0	ug/l	1	06/16/23	
Ethyl tert-butyl ether	ND	2.0	ug/l	1	06/16/23	
Ethylbenzene	ND	0.50	ug/l	1	06/16/23	
Freon 113	ND	5.0	ug/l	1	06/16/23	
Hexachlorobutadiene	ND	0.50	ug/l	1	06/16/23	
Isopropylbenzene	ND	0.50	ug/l	1	06/16/23	
m,p-Xylene	ND	0.50	ug/l	1	06/16/23	
m-Dichlorobenzene	ND	0.50	ug/l	1	06/16/23	

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(Continued)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
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Volatile Organic Compounds by P&T and GC/MS (Continued)

Method: EPA 524.2

Instr: GCMS14

Batch ID: W3F1245

Preparation: EPA 5030B

Prepared: 06/15/23 13:25

Analyst: cam

Methyl tert-butyl ether (MTBE)	ND	2.0	ug/l	1	06/16/23	
Methylene chloride	ND	0.50	ug/l	1	06/16/23	
Naphthalene	ND	0.50	ug/l	1	06/16/23	
n-Butylbenzene	ND	0.50	ug/l	1	06/16/23	
n-Propylbenzene	ND	0.50	ug/l	1	06/16/23	
o-Dichlorobenzene	ND	0.50	ug/l	1	06/16/23	
o-Xylene	ND	0.50	ug/l	1	06/16/23	
p-Dichlorobenzene	ND	0.50	ug/l	1	06/16/23	
p-Isopropyltoluene	ND	0.50	ug/l	1	06/16/23	
sec-Butylbenzene	ND	0.50	ug/l	1	06/16/23	
Styrene	ND	0.50	ug/l	1	06/16/23	
Tert-amyl methyl ether	ND	2.0	ug/l	1	06/16/23	
tert-Butylbenzene	ND	0.50	ug/l	1	06/16/23	
Tetrachloroethene	ND	0.50	ug/l	1	06/16/23	
THMs, Total	ND	0.50	ug/l	1	06/16/23	
Toluene	ND	0.50	ug/l	1	06/16/23	
trans-1,2-Dichloroethene	ND	0.50	ug/l	1	06/16/23	
trans-1,3-Dichloropropene	ND	0.50	ug/l	1	06/16/23	
Trichloroethene	ND	0.50	ug/l	1	06/16/23	
Trichlorofluoromethane	ND	0.50	ug/l	1	06/16/23	
Vinyl chloride	ND	0.50	ug/l	1	06/16/23	
Xylenes, Total	ND	0.50	ug/l	1	06/16/23	

Surrogate(s)

1,2-Dichlorobenzene-d4	110%	Conc: 54.8	70-130	06/16/23
4-Bromofluorobenzene	111%	Conc: 55.3	70-130	06/16/23

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Notes and Definitions

Item	Definition
*	The recommended holding time for this analysis is only 15 minutes. The sample was analyzed as soon as it was possible but it was received and analyzed past holding time.
R-03	The RPD is not applicable for result below the reporting limit (either ND or J value).
%REC	Percent Recovery
Dil	Dilution
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ)
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
RPD	Relative Percent Difference
Source	Sample that was matrix spiked or duplicated.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

All results are expressed on wet weight basis unless otherwise specified.

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS002.