

Qualifier Definitions

Reference Number: 24-14821

Report Date: 06/28/24

Qualifier	Definition
B	Indicates that an analyte has been detected in the laboratory trip blank as well as in an associated field sample. This flag denotes possible contribution of laboratory or field contamination to the concentration of that analyte detected in the field samp
BN	This compound was detected in the Trip Blank, but not in the associated field sample. No further action taken.
HR	High QCS recovery due to increased detector response No sample dectections, therefore, no further action taken for this analysis set.
IM	Matrix induced bias assumed
JJ	The amount detected is below the Method's Reporting Level but equal or greater than the lab's Practical Quantitation Level.
M1	Matrix spike recovery was high; the associated blank spike recovery was acceptable. Matrix bias indicated.
M2	Matrix spike recovery was low; the associated blank spike recovery was acceptable.

Note: Some qualifier definitions found on this page may pertain to results or QC data which are not printed with this report.



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BOTTLED WATER STANDARD OF QUALITY REPORT

Client Name: PerfectWater DBA Ophora Water Technologies
 1030 Cindy Ln
 Carpinteria, CA 93013

Reference Number: **24-14821**

Authorized by:

Lawrence J Henderson, PhD
 Director of Laboratories, Vice President

Project: FDA Annual Product - Full Water Panel

Field ID: FDA Annual Product

Sample Description: Ophora Water

Sampled By:

Sample Date: 05/28/2024

Lab Number: 27950

Report Date: 06/28/2024

Sampled Comment: 0.5G

Approved By: anp,bj,ma,mcs,pdm,tjb

Inorganic Chemicals (IOCs)

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Lab	COMMENT
7440-36-0	ANTIMONY	ND	0.006	0.001	mg/L	200.8	a	
7440-38-2	ARSENIC	ND	0.010	0.001	mg/L	200.8	a	
7440-39-3	BARIUM	ND	1.0	0.010	mg/L	200.8	a	
7440-41-7	BERYLLIUM	ND	0.004	0.001	mg/L	200.8	a	
7440-43-9	CADMIUM	ND	0.005	0.001	mg/L	200.8	a	
7440-47-3	CHROMIUM	ND	0.05	0.005	mg/L	200.8	a	
16984-48-8	FLUORIDE	ND	2	0.10	mg/L	300.0	a	
7439-92-1	LEAD	ND	0.005	0.001	mg/L	200.8	a	
7439-97-6	MERCURY	ND	0.001	0.0002	mg/L	245.1	a	
7440-02-0	NICKEL	ND	0.1	0.001	mg/L	200.8	a	
14797-55-8	NITRATE-N	ND	10	0.10	mg/L	300.0	a	
14797-65-0	NITRITE-N	ND	1.0	0.10	mg/L	300.0	a	
E-10128	TOTAL NITRATE+NITRITE as N	ND	10	0.10	mg/L	300.0	a	
7782-49-2	SELENIUM	ND	0.010	0.005	mg/L	200.8	a	
7440-28-0	THALLIUM	ND	0.002	0.001	mg/L	200.8	a	

Notation:

A Result of "ND" indicates that the compound was not detected above the Lab's Reporting Limit - MRL.
 SOQ - Standard of Quality, maximum permissible level of a contaminant in water established by CBWA, IBWA or US FDA.
 MRL - Method Reporting Limit.

If you have any questions concerning this report contact us at the above phone number.

BOTTLED WATER STANDARD OF QUALITY REPORT

Secondary Inorganic Parameters

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Lab	COMMENT
7429-90-5	ALUMINUM	0.02	0.2	0.010	mg/L	200.7	a	
16887-00-6	CHLORIDE	0.4	250	0.1	mg/L	300.0	a	
7440-50-8	COPPER	ND	1.0	0.005	mg/L	200.8	a	
7439-89-6	IRON	ND	0.3	0.050	mg/L	200.7	a	
7439-96-5	MANGANESE	ND	0.05	0.001	mg/L	200.8	a	
7440-22-4	SILVER	ND	0.025	0.010	mg/L	200.8	a	
14808-79-8	SULFATE	1.4	250	0.2	mg/L	300.0	a	
57-12-5	CYANIDE	ND	0.2	0.005	mg/L	OIA-1677-DW	a	
E-10173	TOTAL DISSOLVED SOLIDS (TDS)	23	500	10	mg/L	SM2540 C		
7440-66-6	ZINC	ND	5.00	0.050	mg/L	200.8	a	

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BOTTLED WATER STANDARD OF QUALITY REPORT

Volatile Organic Chemicals (VOCs)

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Lab	COMMENT
71-55-6	1,1,1 - TRICHLOROETHANE	ND	30	0.5	ug/L	524.2	a	
79-00-5	1,1,2 - TRICHLOROETHANE	ND	5	0.5	ug/L	524.2	a	
75-35-4	1,1 - DICHLOROETHYLENE	ND	2	0.5	ug/L	524.2	a	
120-82-1	1,2,4 - TRICHLOROBENZENE	ND	9	0.5	ug/L	524.2	a	
107-06-2	1,2 - DICHLOROETHANE	ND	2	0.5	ug/L	524.2	a	
78-87-5	1,2 - DICHLOROPROPANE	ND	5	0.5	ug/L	524.2	a	
71-43-2	BENZENE	ND	1	0.5	ug/L	524.2	a	
56-23-5	CARBON TETRACHLORIDE	ND	2	0.5	ug/L	524.2	a	
156-59-2	CIS - 1,2 - DICHLOROETHYLENE	ND	70	0.5	ug/L	524.2	a	
156-60-5	TRANS - 1,2 - DICHLOROETHYLENE	ND	100	0.5	ug/L	524.2	a	
100-41-4	ETHYLBENZENE	ND	700	0.5	ug/L	524.2	a	
75-09-2	METHYLENE CHLORIDE (DICHLOROMETHANE)	ND	3	0.5	ug/L	524.2	a	
108-90-7	MONOCHLOROBENZENE	ND	50	0.5	ug/L	524.2	a	
95-50-1	O - DICHLOROBENZENE	ND	600	0.5	ug/L	524.2	a	
106-46-7	P - DICHLOROBENZENE	ND	75	0.5	ug/L	524.2	a	
100-42-5	STYRENE	ND	100	0.5	ug/L	524.2	a	
127-18-4	TETRACHLOROETHYLENE	ND	5	0.5	ug/L	524.2	a	
108-88-3	TOLUENE	ND	1000	0.5	ug/L	524.2	a	
79-01-6	TRICHLOROETHYLENE	ND	1	0.5	ug/L	524.2	a	
75-01-4	VINYL CHLORIDE	ND	2	0.5	ug/L	524.2	a	
1330-20-7	XYLENES (TOTAL)	ND	1000	0.5	ug/L	524.2	a	
75-27-4	BROMODICHLOROMETHANE	ND		0.5	ug/L	524.2	a	
124-48-1	CHLORODIBROMOMETHANE	ND		0.5	ug/L	524.2	a	
67-66-3	CHLOROFORM	0.8		0.5	ug/L	524.2	a	
75-25-2	BROMOFORM	ND		0.5	ug/L	524.2	a	
E-14471	TOTAL TRIHALOMETHANE	0.8	80	0.5	ug/L	524.2	a	

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BOTTLED WATER STANDARD OF QUALITY REPORT

Synthetic Organic Chemicals (SOCs)

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Lab	COMMENT
96-18-4	1,2,3 - TRICHLOROPROPANE	ND	21	0.5	ug/L	504.1	a	
93-72-1	2,4,5 - TP (SILVEX)	ND	10	0.2	ug/L	515.4	a	
94-75-7	2,4 - D	ND	70	0.1	ug/L	515.4	a	
15972-60-8	ALACHLOR	ND	2	0.2	ug/L	525.2	a	
1912-24-9	ATRAZINE	ND	3	0.1	ug/L	525.2	a	
1563-66-2	CARBOFURAN	ND	40	0.9	ug/L	531.2	a	
57-74-9	CHLORDANE	ND	0.5	0.2	ug/L	508.1	a	
96-12-8	DIBROMOCHLOROPROPANE (DBCP)	ND	0.2	0.02	ug/L	504.1	a	
88-85-7	DINOSEB	ND	7	0.2	ug/L	515.4	a	
72-20-8	ENDRIN	ND	0.2	0.01	ug/L	525.2	a	
106-93-4	1,2 - DIBROMOETHANE (EDB)	ND	0.05	0.01	ug/L	504.1	a	
76-44-8	HEPTACHLOR	ND	0.4	0.04	ug/L	525.2	a	
1024-57-3	HEPTACHLOR EPOXIDE "B"	ND	0.2	0.02	ug/L	525.2	a	
58-89-9	LINDANE (BHC - GAMMA)	ND	0.2	0.02	ug/L	525.2	a	
72-43-5	METHOXYCHLOR	ND	40	0.1	ug/L	525.2	a	
23135-22-0	OXAMYL (VYDATE)	ND	200	2	ug/L	531.2	a	
87-86-5	PENTACHLOROPHENOL	ND	1	0.04	ug/L	515.4	a	
1918-02-1	PICLORAM	ND	500	0.1	ug/L	515.4	a	
1336-36-3	POLYCHLORINATED BIPHENYLS (PCBs)	ND	0.5	0.5	ug/L	508.1	a	
75-99-0	DALAPON	ND	200	1	ug/L	515.4	a	
122-34-9	SIMAZINE	ND	4	0.07	ug/L	525.2	a	
8001-35-2	TOXAPHENE	ND	3	1	ug/L	508.1	a	
50-32-8	BENZO(A)PYRENE	ND	0.2	0.02	ug/L	525.2	a	
103-23-1	DI(2-ETHYLHEXYL)-ADIPATE	ND	400	0.6	ug/L	525.2	a	
118-74-1	HEXACHLOROBENZENE	ND	1	0.1	ug/L	525.2	a	
117-81-7	DI(2-ETHYLHEXYL)-PHTHALATE	ND	6	0.6	ug/L	525.2	a	
77-47-4	HEXACHLOROCYCLO-PENTADIENE	ND	50	0.1	ug/L	525.2	a	
E-10253	TOTAL RECOVERABLE PHENOLICS	ND	0.001	0.0010	mg/L	420.4		Analyzed by Eurofins Pom CA

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BOTTLED WATER STANDARD OF QUALITY REPORT

Water Properties

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Lab	COMMENT
E-10139	HYDROGEN ION (pH)	8.81			pH Units	150.1	a	Temp (C) : 20.5
E-11712	COLOR	ND	15	5	COLOR UNIT	SM2120 B	a	pH: 6
E-11734	ODOR	ND	3	1	TON	SM2150	a	Temperature: 40.8 C
E-10617	TURBIDITY	ND	1	0.10	NTU	180.1	a	

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BOTTLED WATER STANDARD OF QUALITY REPORT

Disinfectants/DBP

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Lab	COMMENT
NA	HAA(5)	ND	60	1	ug/L	552.3	a	
15541-45-4	BROMATE	ND	0.010	0.001	mg/L	300.1	a	
10049-04-4	CHLORINE DIOXIDE	ND		0.10	mg/L	SM4500-ClO2 D	a	
7758-19-2	CHLORITE	ND	1.00	0.010	mg/L	300.1	a	
	CHLORAMINES TOTAL	ND	4.0	0.05	mg/L	SM4500-Cl G	a	
7782-50-5	FREE CHLORINE RESIDUAL	ND	0.1	0.05	mg/L	SM4500-Cl G	a	

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BOTTLED WATER STANDARD OF QUALITY REPORT

Radiological Contaminants

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Lab	COMMENT
12587-46-1	GROSS ALPHA	ND	15	3	pCi/L	900.0		Analyzed by PacePA
12587-47-2	GROSS BETA	ND	50	4	pCi/L	900.0		
13982-63-3	RADIUM 226	ND		1	pCi/L	903.1		
15262-20-1	RADIUM 228	ND	5	1	pCi/L	904.0		
7440-61-1	URANIUM	ND	0.030	0.001	mg/L	200.8	a	

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 MRL - Method Reporting Limit .



SAMPLE DEPENDENT
QUALITY CONTROL REPORT

Duplicate, Matrix Spike/Matrix Spike Duplicate
and Confirmation Result Report

Reference Number: **24-14821**

Report Date: 6/28/2024

Duplicate

Batch/CAS	Sample	Analyte	Result	Duplicate Result	Units	%RPD	Limits	QC Qualifier	Comments
150.1_240528									
E-10139	27950	HYDROGEN ION (pH)	8.81	8.86	pH Units	0.6	0-50		
1677_240604									
57-12-5	27950	CYANIDE	ND	ND	mg/L	NA	0-20		
57-12-5	28174	CYANIDE	ND	ND	mg/L	NA	0-20		
57-12-5	29025	CYANIDE	ND	ND	mg/L	NA	0-20		
57-12-5	29475	CYANIDE	ND	ND	mg/L	NA	0-20		
200.7_240604A5									
7429-90-5	27512	ALUMINUM	ND	ND	mg/L	NA	0-20		
7440-70-2	27512	CALCIUM	4.5	4.5	mg/L	0.0	0-20		
E-11778	27512	HARDNESS as Calcium Carbonate	21.1	21.1	mg/L	0.0	0-20		
7439-89-6	27512	IRON	ND	ND	mg/L	NA	0-20		
7439-95-4	27512	MAGNESIUM	2.4	2.4	mg/L	0.0	0-20		
7440-09-7	27512	POTASSIUM	1.5	1.4	mg/L	6.9	0-20		
7440-23-5	27512	SODIUM	1.6	1.6	mg/L	0.0	0-20		
E-11778	27961	HARDNESS as Calcium Carbonate	178	180	mg CaCO3/L	1.1	0-20		
7429-90-5	27961	ALUMINUM	ND	ND	mg/L	NA	0-20		
7440-70-2	27961	CALCIUM	44.1	44.7	mg/L	1.4	0-20		
7439-89-6	27961	IRON	ND	ND	mg/L	NA	0-20		
7439-95-4	27961	MAGNESIUM	16.4	16.6	mg/L	1.2	0-20		
7440-09-7	27961	POTASSIUM	1.6	1.6	mg/L	0.0	0-20		
7440-23-5	27961	SODIUM	9.0	9.0	mg/L	0.0	0-20		
7439-89-6	28527	IRON	3.04	3.02	mg/L	0.7	0-20		
E-11778	28694	HARDNESS as Calcium Carbonate	ND	ND	mg/L	NA	0-20		
7439-89-6	28694	IRON	ND	ND	mg/L	NA	0-20		
E-11778	28779	HARDNESS as Calcium Carbonate	ND	ND	mg/L	NA	0-20		
7439-89-6	28779	IRON	0.12	0.12	mg/L	0.0	0-20		
E-11778	28806	HARDNESS as Calcium Carbonate	82.1	81.8	mg/L	0.4	0-20		
7439-89-6	28806	IRON	0.25	0.25	mg/L	0.0	0-20		
7440-23-5	28806	SODIUM	9.2	9.2	mg/L	0.0	0-20		
E-11778	29053	HARDNESS as Calcium Carbonate	86.4	86.4	mg CaCO3/L	0.0	0-20		
7429-90-5	29053	ALUMINUM	ND	ND	mg/L	NA	0-20		
7440-70-2	29053	CALCIUM	19.6	19.6	mg/L	0.0	0-20		
7439-89-6	29053	IRON	ND	ND	mg/L	NA	0-20		
7439-95-4	29053	MAGNESIUM	9.1	9.1	mg/L	0.0	0-20		
7440-09-7	29053	POTASSIUM	ND	ND	mg/L	NA	0-20		
7440-23-5	29053	SODIUM	ND	ND	mg/L	NA	0-20		
7439-89-6	29138	IRON	ND	ND	mg/L	NA	0-20		
7439-89-6	29164	IRON	ND	ND	mg/L	NA	0-20		
7439-89-6	29318	IRON	0.43	0.44	mg/L	2.3	0-20		
7440-23-5	29318	SODIUM	15.1	15.2	mg/L	0.7	0-20		
7439-89-6	29350	IRON	ND	ND	mg/L	NA	0-20		
200.8_240605A4									
7440-36-0	27953	ANTIMONY	ND	ND	mg/L	NA	0-20		
7440-38-2	27953	ARSENIC	ND	ND	mg/L	NA	0-20		

%RPD = Relative Percent Difference

NA = Indicates %RPD could not be calculated

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) analyses are used to determine the accuracy (MS) and precision (MSD) of a analytical method in a given sample matrix. Therefore, the usefulness of this report is limited to samples of similar matrices analyzed in the same analytical batch.

Only Duplicate sample with detections are listed in this report

Limits are intended for water matrices only. These criteria are for guidance only when reported with soils/solids.

FORM: QC Dependent_Port.rpt



SAMPLE DEPENDENT
QUALITY CONTROL REPORT

Duplicate, Matrix Spike/Matrix Spike Duplicate
and Confirmation Result Report

Reference Number: **24-14821**

Report Date: 6/28/2024

Duplicate

Batch/CAS	Sample	Analyte	Result	Duplicate Result	Units	%RPD	Limits	QC Qualifier	Comments
7440-39-3	27953	BARIUM	ND	ND	mg/L	NA	0-20		
7440-43-9	27953	CADMIUM	ND	ND	mg/L	NA	0-20		
7440-47-3	27953	CHROMIUM	ND	ND	mg/L	NA	0-20		
7440-50-8	27953	COPPER	ND	ND	mg/L	NA	0-20		
7439-92-1	27953	LEAD	ND	ND	mg/L	NA	0-20		
7439-96-5	27953	MANGANESE	ND	ND	mg/L	NA	0-20		
7440-02-0	27953	NICKEL	ND	ND	mg/L	NA	0-20		
7782-49-2	27953	SELENIUM	ND	ND	mg/L	NA	0-20		
7440-22-4	27953	SILVER	ND	ND	mg/L	NA	0-20		
7440-28-0	27953	THALLIUM	ND	ND	mg/L	NA	0-20		
7440-66-6	27953	ZINC	ND	ND	mg/L	NA	0-20		
7440-38-2	28244	ARSENIC	ND	ND	mg/L	NA	0-20		
7440-38-2	28426	ARSENIC	0.0013	0.0013	mg/L	0.0	0-20		
7440-39-3	28426	BARIUM	0.0191	0.0191	mg/L	0.0	0-20		
7440-43-9	28426	CADMIUM	ND	ND	mg/L	NA	0-20		
7440-47-3	28426	CHROMIUM	0.0010	0.0010	mg/L	0.0	0-20		
7439-92-1	28426	LEAD	0.0020	0.0019	mg/L	5.1	0-20		
7782-49-2	28426	SELENIUM	ND	ND	mg/L	NA	0-20		
7440-22-4	28426	SILVER	ND	ND	mg/L	NA	0-20		
7440-38-2	28511	ARSENIC	0.0040	0.0040	mg/L	0.0	0-20		
7440-43-9	28511	CADMIUM	ND	ND	mg/L	NA	0-20		
7440-47-3	28511	CHROMIUM	0.0012	0.0013	mg/L	8.0	0-20		
7439-92-1	28511	LEAD	ND	ND	mg/L	NA	0-20		
7782-49-2	28511	SELENIUM	ND	ND	mg/L	NA	0-20		
7440-22-4	28511	SILVER	ND	ND	mg/L	NA	0-20		
7440-36-0	28677	ANTIMONY	ND	ND	mg/L	NA	0-20		
7440-38-2	28677	ARSENIC	ND	ND	mg/L	NA	0-20		
7440-39-3	28677	BARIUM	0.0058	0.0058	mg/L	0.0	0-20		
7440-43-9	28677	CADMIUM	ND	ND	mg/L	NA	0-20		
7440-47-3	28677	CHROMIUM	ND	ND	mg/L	NA	0-20		
7440-50-8	28677	COPPER	ND	ND	mg/L	NA	0-20		
7439-92-1	28677	LEAD	ND	ND	mg/L	NA	0-20		
7439-96-5	28677	MANGANESE	0.0012	0.0012	mg/L	0.0	0-20		
7440-02-0	28677	NICKEL	ND	ND	mg/L	NA	0-20		
7782-49-2	28677	SELENIUM	ND	ND	mg/L	NA	0-20		
7440-22-4	28677	SILVER	ND	ND	mg/L	NA	0-20		
7440-28-0	28677	THALLIUM	ND	ND	mg/L	NA	0-20		
7440-66-6	28677	ZINC	ND	ND	mg/L	NA	0-20		
7440-38-2	28733	ARSENIC	0.115	0.117	mg/L	1.7	0-20		
7440-36-0	28795	ANTIMONY	ND	ND	mg/L	NA	0-20		
7440-38-2	28795	ARSENIC	0.0053	0.0053	mg/L	0.0	0-20		
7440-39-3	28795	BARIUM	0.0066	0.0065	mg/L	1.5	0-20		
7440-43-9	28795	CADMIUM	ND	ND	mg/L	NA	0-20		
7440-47-3	28795	CHROMIUM	0.0042	0.0044	mg/L	4.7	0-20		
7440-50-8	28795	COPPER	ND	ND	mg/L	NA	0-20		
7439-92-1	28795	LEAD	ND	ND	mg/L	NA	0-20		
7439-96-5	28795	MANGANESE	ND	ND	mg/L	NA	0-20		
7440-02-0	28795	NICKEL	ND	ND	mg/L	NA	0-20		

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Matrix Spike (MS)/Matrix Spike Duplicate (MSD) analyses are used to determine the accuracy (MS) and precision (MSD) of a analytical method in a given sample matrix. Therefore, the usefulness of this report is limited to samples of similar matrices analyzed in the same analytical batch.

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SAMPLE DEPENDENT
QUALITY CONTROL REPORT

Duplicate, Matrix Spike/Matrix Spike Duplicate
and Confirmation Result Report

Reference Number: **24-14821**

Report Date: 6/28/2024

Duplicate

Batch/CAS	Sample	Analyte	Result	Duplicate Result	Units	%RPD	Limits	QC Qualifier	Comments
7782-49-2	28795	SELENIUM	ND	ND	mg/L	NA	0-20		
7440-22-4	28795	SILVER	ND	ND	mg/L	NA	0-20		
7440-28-0	28795	THALLIUM	ND	ND	mg/L	NA	0-20		
7440-66-6	28795	ZINC	ND	ND	mg/L	NA	0-20		
7440-36-0	29025	ANTIMONY	ND	ND	mg/L	NA	0-20		
7440-38-2	29025	ARSENIC	ND	ND	mg/L	NA	0-20		
7440-39-3	29025	BARIUM	ND	ND	mg/L	NA	0-20		
7440-43-9	29025	CADMIUM	ND	ND	mg/L	NA	0-20		
7440-47-3	29025	CHROMIUM	ND	ND	mg/L	NA	0-20		
7440-50-8	29025	COPPER	ND	ND	mg/L	NA	0-20		
7439-92-1	29025	LEAD	ND	ND	mg/L	NA	0-20		
7439-96-5	29025	MANGANESE	ND	ND	mg/L	NA	0-20		
7440-02-0	29025	NICKEL	ND	ND	mg/L	NA	0-20		
7782-49-2	29025	SELENIUM	ND	ND	mg/L	NA	0-20		
7440-22-4	29025	SILVER	ND	ND	mg/L	NA	0-20		
7440-28-0	29025	THALLIUM	ND	ND	mg/L	NA	0-20		
7440-66-6	29025	ZINC	ND	ND	mg/L	NA	0-20		
7440-38-2	29163	ARSENIC	0.0106	0.0106	mg/L	0.0	0-20		
7440-38-2	29504	ARSENIC	ND	ND	mg/L	NA	0-20		
200.8_240607A4									
7440-41-7	27951	BERYLLIUM	ND	ND	mg/L	NA	0-20		
7440-61-1	27951	URANIUM	ND	ND	mg/L	NA	0-20		
7440-41-7	28284	BERYLLIUM	ND	ND	mg/L	NA	0-20		
7440-61-1	28284	URANIUM	ND	ND	mg/L	NA	0-20		
7440-41-7	28557	BERYLLIUM	ND	ND	mg/L	NA	0-20		
7440-61-1	28775	URANIUM	ND	ND	mg/L	NA	0-20		
7440-61-1	29374	URANIUM	0.0010	0.0010	mg/L	0.0	0-20		
300.1_240528A									
15541-45-4	27963	BROMATE	ND	ND	mg/L	NA	0-20		
7758-19-2	27963	CHLORITE	ND	ND	mg/L	NA	0-20		
524_240607									
75-35-4	28974	1,1 - DICHLOROETHYLENE	ND	ND	ug/L	NA	0-30		
71-55-6	28974	1,1,1 - TRICHLOROETHANE	ND	ND	ug/L	NA	0-30		
79-00-5	28974	1,1,2 - TRICHLOROETHANE	ND	ND	ug/L	NA	0-30		
107-06-2	28974	1,2 - DICHLOROETHANE	ND	ND	ug/L	NA	0-30		
78-87-5	28974	1,2 - DICHLOROPROPANE	ND	ND	ug/L	NA	0-30		
120-82-1	28974	1,2,4 - TRICHLOROBENZENE	ND	ND	ug/L	NA	0-30		
71-43-2	28974	BENZENE	ND	ND	ug/L	NA	0-30		
75-27-4	28974	BROMODICHLOROMETHANE	1.7	1.8	ug/L	5.7	0-30		
75-25-2	28974	BROMOFORM	ND	ND	ug/L	NA	0-30		
56-23-5	28974	CARBON TETRACHLORIDE	ND	ND	ug/L	NA	0-30		
124-48-1	28974	CHLORODIBROMOMETHANE	0.5	0.4	ug/L	22.2	0-30		JJ
67-66-3	28974	CHLOROFORM	41.3	41.5	ug/L	0.5	0-30		
156-59-2	28974	CIS - 1,2 - DICHLOROETHYLENE	ND	ND	ug/L	NA	0-30		
100-41-4	28974	ETHYLBENZENE	ND	ND	ug/L	NA	0-30		
75-09-2	28974	METHYLENE CHLORIDE (DICHLOROMETHANE)	ND	ND	ug/L	NA	0-30		
108-90-7	28974	MONOCHLOROBENZENE	ND	ND	ug/L	NA	0-30		

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QUALITY CONTROL REPORT

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Duplicate

Batch/CAS	Sample	Analyte	Result	Duplicate Result	Units	%RPD	Limits	QC Qualifier	Comments
95-50-1	28974	O - DICHLOROBENZENE	ND	ND	ug/L	NA	0-30		
106-46-7	28974	P - DICHLOROBENZENE	ND	ND	ug/L	NA	0-30		
100-42-5	28974	STYRENE	ND	ND	ug/L	NA	0-30		
127-18-4	28974	TETRACHLOROETHYLENE	ND	ND	ug/L	NA	0-30		
108-88-3	28974	TOLUENE	1.2	B 1.1 B	ug/L	8.7	0-30		
E-14471	28974	TOTAL TRIHALOMETHANE	43.5	43.7	ug/L	0.5	0-30		
156-60-5	28974	TRANS - 1,2 - DICHLOROETHYLENE	ND	ND	ug/L	NA	0-30		
79-01-6	28974	TRICHLOROETHYLENE	ND	ND	ug/L	NA	0-30		
75-01-4	28974	VINYL CHLORIDE	ND	ND	ug/L	NA	0-30		
1330-20-7	28974	XYLENES (TOTAL)	ND	ND	ug/L	NA	0-30		
75-35-4	29361	1,1 - DICHLOROETHYLENE	ND	ND	ug/L	NA	0-30		
71-55-6	29361	1,1,1 - TRICHLOROETHANE	ND	ND	ug/L	NA	0-30		
79-00-5	29361	1,1,2 - TRICHLOROETHANE	ND	ND	ug/L	NA	0-30		
107-06-2	29361	1,2 - DICHLOROETHANE	ND	ND	ug/L	NA	0-30		
78-87-5	29361	1,2 - DICHLOROPROPANE	ND	ND	ug/L	NA	0-30		
120-82-1	29361	1,2,4 - TRICHLOROBENZENE	ND	ND	ug/L	NA	0-30		
71-43-2	29361	BENZENE	ND	ND	ug/L	NA	0-30		
75-27-4	29361	BROMODICHLOROMETHANE	ND	ND	ug/L	NA	0-30		
75-25-2	29361	BROMOFORM	ND	ND	ug/L	NA	0-30		
56-23-5	29361	CARBON TETRACHLORIDE	ND	ND	ug/L	NA	0-30		
124-48-1	29361	CHLORODIBROMOMETHANE	ND	ND	ug/L	NA	0-30		
67-66-3	29361	CHLOROFORM	ND	ND	ug/L	NA	0-30		
156-59-2	29361	CIS - 1,2 - DICHLOROETHYLENE	ND	ND	ug/L	NA	0-30		
100-41-4	29361	ETHYLBENZENE	ND	ND	ug/L	NA	0-30		
75-09-2	29361	METHYLENE CHLORIDE (DICHLOROMETHANE)	ND	ND	ug/L	NA	0-30		
108-90-7	29361	MONOCHLOROBENZENE	ND	ND	ug/L	NA	0-30		
95-50-1	29361	O - DICHLOROBENZENE	ND	ND	ug/L	NA	0-30		
106-46-7	29361	P - DICHLOROBENZENE	ND	ND	ug/L	NA	0-30		
100-42-5	29361	STYRENE	ND	ND	ug/L	NA	0-30		
127-18-4	29361	TETRACHLOROETHYLENE	ND	ND	ug/L	NA	0-30		
108-88-3	29361	TOLUENE	1.5	1.5	ug/L	0.0	0-30		
E-14471	29361	TOTAL TRIHALOMETHANE	ND	ND	ug/L	NA	0-30		
156-60-5	29361	TRANS - 1,2 - DICHLOROETHYLENE	ND	ND	ug/L	NA	0-30		
79-01-6	29361	TRICHLOROETHYLENE	ND	ND	ug/L	NA	0-30		
75-01-4	29361	VINYL CHLORIDE	ND	ND	ug/L	NA	0-30		
1330-20-7	29361	XYLENES (TOTAL)	ND	ND	ug/L	NA	0-30		
552_240606									
NA	29406	HAA(5)	ND	ND	mg/L	NA	0-30		
CI_240528A									
7782-50-5	27950	FREE CHLORINE RESIDUAL	ND	ND	mg/L	NA	0-20		
COLOR_240528									
E-11712	27950	COLOR	ND	ND	COLOR	NA	0-20		
EC_240528R									
E-10184	25161	ELECTRICAL CONDUCTIVITY	16.6	16.5	uS/cm	0.6	0-20		
E-10184	27539	ELECTRICAL CONDUCTIVITY	338	341	uS/cm	0.9	0-20		
E-10184	27660	ELECTRICAL CONDUCTIVITY	167	168	uS/cm	0.6	0-20		

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SAMPLE DEPENDENT
QUALITY CONTROL REPORT

Duplicate, Matrix Spike/Matrix Spike Duplicate
and Confirmation Result Report

Reference Number: **24-14821**

Report Date: 6/28/2024

Duplicate

Batch/CAS	Sample	Analyte	Result	Duplicate Result	Units	%RPD	Limits	QC Qualifier	Comments
E-10184	27930	ELECTRICAL CONDUCTIVITY	384	381	uS/cm	0.8	0-20		
E-10184	27950	ELECTRICAL CONDUCTIVITY	40.1	40.3	uS/cm	0.5	0-20		
IC06_240528A									
16887-00-6	27950	CHLORIDE	0.4	0.4	mg/L	0.0	0-20		
16984-48-8	27950	FLUORIDE	ND	ND	mg/L	NA	0-20		
14797-55-8	27950	NITRATE-N	ND	ND	mg/L	NA	0-20		
14797-65-0	27950	NITRITE-N	ND	ND	mg/L	NA	0-20		
14808-79-8	27950	SULFATE	1.4	1.4	mg/L	0.0	0-20		
E-10128	27950	TOTAL NITRATE+NITRITE as N	ND	ND	mg/L	NA	0-20		
14797-55-8	28627	NITRATE-N	4.24	4.23	mg/L	0.2	0-20		
ODOR_240528									
E-11734	27951	ODOR	ND	ND	TON	NA	0-20		
TDS_240531									
E-10173	27950	TOTAL DISSOLVED SOLIDS (TDS)	23	26	mg/L	12.2	0-5		
E-10173	28668	TOTAL DISSOLVED SOLIDS (TDS)	412	403	mg/L	2.2	0-5		
TURB_240528									
E-10617	27950	TURBIDITY	ND	ND	NTU	NA	0-20		
E-10617	28556	TURBIDITY	1.0	0.9	NTU	10.5	0-20		

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SAMPLE DEPENDENT
QUALITY CONTROL REPORT

Duplicate, Matrix Spike/Matrix Spike Duplicate
and Confirmation Result Report

Reference Number: **24-14821**

Report Date: 6/28/2024

Laboratory Fortified Matrix (MS)

Batch/CAS	Sample	Analyte	Result	Duplicate		Conc	Units	Percent Recovery		Limits*	%RPD	Limits*	QC Qualifier	Comments
				Spike Result	Spike Result			MS	MSD					
1677_240604														
57-12-5	27950	CYANIDE	ND	0.0434	0.0446	0.050	mg/L	87	89	70-130	2.7	0-20		
57-12-5	28174	CYANIDE	ND	0.052	0.053	0.050	mg/L	104	106	70-130	1.9	0-20		
57-12-5	29025	CYANIDE	ND	0.047	0.049	0.050	mg/L	94	98	70-130	4.2	0-20		
57-12-5	29475	CYANIDE	ND	0.047	0.048	0.050	mg/L	94	96	70-130	2.1	0-20		
200.7_240604A5														
7429-90-5	27512	ALUMINIUM	ND	0.51	0.52	0.50	mg/L	102	104	70-130	1.9	0-20		
7440-70-2	27512	CALCIUM	4.5	17.3	18.0	13.0	mg/L	98	104	70-130	5.3	0-20		
E-11778	27512	HARDNESS as Calcium Carbonate	21.1	104	109	86.0	mg/L	96	102	70-130	5.9	0-20		
7439-89-6	27512	IRON	ND	0.50	0.51	0.50	mg/L	100	102	70-130	2.0	0-20		
7439-95-4	27512	MAGNESIUM	2.4	14.8	15.5	13.0	mg/L	95	101	70-130	5.5	0-20		
7440-09-7	27512	POTASSIUM	1.5	18.0	18.8	17.5	mg/L	94	99	70-130	4.7	0-20		
7440-23-5	27512	SODIUM	1.6	14.2	14.9	13.0	mg/L	97	102	70-130	5.4	0-20		
E-11778	27961	HARDNESS as Calcium Carbonate	178	259	259	86.0	mg CaCO ₃ /L	94	94	70-130	0.0	0-20		
7429-90-5	27961	ALUMINIUM	ND	0.52	0.51	0.50	mg/L	104	102	70-130	1.9	0-20		
7440-70-2	27961	CALCIUM	44.1	56.6	56.8	13.0	mg/L	96	98	70-130	1.6	0-20		
7439-89-6	27961	IRON	ND	0.49	0.49	0.50	mg/L	98	98	70-130	0.0	0-20		
7439-95-4	27961	MAGNESIUM	16.4	28.5	28.5	13.0	mg/L	93	93	70-130	0.0	0-20		
7440-09-7	27961	POTASSIUM	1.6	18.7	18.6	17.5	mg/L	98	97	70-130	0.6	0-20		
7440-23-5	27961	SODIUM	9.0	21.7	21.7	13.0	mg/L	98	98	70-130	0.0	0-20		
7439-89-6	28527	IRON	3.04	3.41	3.42	0.50	mg/L	74	76	70-130	2.7	0-20		
E-11778	28694	HARDNESS as Calcium Carbonate	ND	85.8	86.4	86.0	mg/L	100	100	70-130	0.7	0-20		
7439-89-6	28694	IRON	ND	0.51	0.49	0.50	mg/L	102	98	70-130	4.0	0-20		
E-11778	28779	HARDNESS as Calcium Carbonate	ND	98.1	93.9	86.0	mg/L	114	109	70-130	4.4	0-20		
7439-89-6	28779	IRON	0.12	0.68	0.67	0.50	mg/L	112	110	70-130	1.8	0-20		
E-11778	28806	HARDNESS as Calcium Carbonate	82.1	183	182	86.0	mg/L	117	116	70-130	1.0	0-20		
7439-89-6	28806	IRON	0.25	0.82	0.81	0.50	mg/L	114	112	70-130	1.8	0-20		
7440-23-5	28806	SODIUM	9.2	24.0	23.8	13.0	mg/L	114	112	70-130	1.4	0-20		
E-11778	29053	HARDNESS as Calcium Carbonate	86.4	169	169	86.0	mg CaCO ₃ /L	96	96	70-130	0.0	0-20		
7429-90-5	29053	ALUMINIUM	ND	0.51	0.50	0.50	mg/L	102	100	70-130	2.0	0-20		
7440-70-2	29053	CALCIUM	19.6	32.4	32.5	13.0	mg/L	98	99	70-130	0.8	0-20		
7439-89-6	29053	IRON	ND	0.49	0.48	0.50	mg/L	98	96	70-130	2.1	0-20		
7439-95-4	29053	MAGNESIUM	9.1	21.3	21.3	13.0	mg/L	94	94	70-130	0.0	0-20		
7440-09-7	29053	POTASSIUM	ND	16.9	16.9	17.5	mg/L	97	97	70-130	0.0	0-20		
7440-23-5	29053	SODIUM	ND	13.2	13.1	13.0	mg/L	102	101	70-130	0.8	0-20		
7439-89-6	29138	IRON	ND	0.54	0.53	0.50	mg/L	108	106	70-130	1.9	0-20		
7439-89-6	29164	IRON	ND	0.49	0.53	0.50	mg/L	98	106	70-130	7.8	0-20		
7439-89-6	29318	IRON	0.43	0.93	0.91	0.50	mg/L	100	96	70-130	4.1	0-20		
7440-23-5	29318	SODIUM	15.1	27.2	27.2	13.0	mg/L	93	93	70-130	0.0	0-20		
7439-89-6	29350	IRON	ND	0.52	0.50	0.50	mg/L	104	100	70-130	3.9	0-20		
200.8_240605A4														
7440-36-0	27953	ANTIMONY	ND	0.0098		0.010	mg/L	98		70-130	NA	0-20		
7440-38-2	27953	ARSENIC	ND	0.0103		0.010	mg/L	103		70-130	NA	0-20		
7440-39-3	27953	BARIUM	ND	0.0105		0.010	mg/L	105		70-130	NA	0-20		

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Laboratory Fortified Matrix (MS)

Batch/CAS	Sample	Analyte	Result	Duplicate		Conc	Units	Percent Recovery			%RPD	QC		Comments
				Spike Result	Spike Result			MS	MSD	Limits*		Limits*	Qualifier	
7440-43-9	27953	CADMIUM	ND	0.0096		0.010	mg/L	96		70-130	NA	0-20		
7440-47-3	27953	CHROMIUM	ND	0.0106		0.010	mg/L	106		70-130	NA	0-20		
7440-50-8	27953	COPPER	ND	0.0102		0.010	mg/L	102		70-130	NA	0-20		
7439-92-1	27953	LEAD	ND	0.0098		0.010	mg/L	98		70-130	NA	0-20		
7439-96-5	27953	MANGANESE	ND	0.0106		0.010	mg/L	106		70-130	NA	0-20		
7440-02-0	27953	NICKEL	ND	0.0103		0.010	mg/L	103		70-130	NA	0-20		
7782-49-2	27953	SELENIUM	ND	0.0105		0.010	mg/L	105		70-130	NA	0-20		
7440-22-4	27953	SILVER	ND	0.0096		0.010	mg/L	96		70-130	NA	0-20		
7440-28-0	27953	THALLIUM	ND	0.0098		0.010	mg/L	98		70-130	NA	0-20		
7440-66-6	27953	ZINC	ND	0.0101		0.010	mg/L	101		70-130	NA	0-20		
7440-38-2	28244	ARSENIC	ND	0.0105		0.010	mg/L	105		70-130	NA	0-20		
7440-38-2	28426	ARSENIC	0.0013	0.0119		0.010	mg/L	106		70-130	NA	0-20		
7440-39-3	28426	BARIUM	0.0191	0.0291		0.010	mg/L	100		70-130	NA	0-20		
7440-43-9	28426	CADMIUM	ND	0.0101		0.010	mg/L	101		70-130	NA	0-20		
7440-47-3	28426	CHROMIUM	0.0010	0.0108		0.010	mg/L	98		70-130	NA	0-20		
7439-92-1	28426	LEAD	0.0020	0.0118		0.010	mg/L	98		70-130	NA	0-20		
7782-49-2	28426	SELENIUM	ND	0.0108		0.010	mg/L	108		70-130	NA	0-20		
7440-22-4	28426	SILVER	ND	0.0098		0.010	mg/L	98		70-130	NA	0-20		
7440-38-2	28511	ARSENIC	0.0040	0.0142		0.010	mg/L	102		70-130	NA	0-20		
7440-43-9	28511	CADMIUM	ND	0.0100		0.010	mg/L	100		70-130	NA	0-20		
7440-47-3	28511	CHROMIUM	0.0012	0.0108		0.010	mg/L	96		70-130	NA	0-20		
7439-92-1	28511	LEAD	ND	0.0096		0.010	mg/L	96		70-130	NA	0-20		
7782-49-2	28511	SELENIUM	ND	0.0102		0.010	mg/L	102		70-130	NA	0-20		
7440-22-4	28511	SILVER	ND	0.0060		0.010	mg/L	60		70-130	NA	0-20	IM	
7440-36-0	28677	ANTIMONY	ND	0.0100		0.010	mg/L	100		70-130	NA	0-20		
7440-38-2	28677	ARSENIC	ND	0.0106		0.010	mg/L	106		70-130	NA	0-20		
7440-39-3	28677	BARIUM	0.0058	0.0157		0.010	mg/L	99		70-130	NA	0-20		
7440-43-9	28677	CADMIUM	ND	0.0099		0.010	mg/L	99		70-130	NA	0-20		
7440-47-3	28677	CHROMIUM	ND	0.0103		0.010	mg/L	103		70-130	NA	0-20		
7440-50-8	28677	COPPER	ND	0.0106		0.010	mg/L	106		70-130	NA	0-20		
7439-92-1	28677	LEAD	ND	0.0099		0.010	mg/L	99		70-130	NA	0-20		
7439-96-5	28677	MANGANESE	0.0012	0.0112		0.010	mg/L	100		70-130	NA	0-20		
7440-02-0	28677	NICKEL	ND	0.0101		0.010	mg/L	101		70-130	NA	0-20		
7782-49-2	28677	SELENIUM	ND	0.0107		0.010	mg/L	107		70-130	NA	0-20		
7440-22-4	28677	SILVER	ND	0.0098		0.010	mg/L	98		70-130	NA	0-20		
7440-28-0	28677	THALLIUM	ND	0.0096		0.010	mg/L	96		70-130	NA	0-20		
7440-66-6	28677	ZINC	ND	0.0100		0.010	mg/L	100		70-130	NA	0-20		
7440-38-2	28733	ARSENIC	0.115	0.124		0.010	mg/L	90		70-130	NA	0-20		
7440-36-0	28795	ANTIMONY	ND	0.0100		0.010	mg/L	100		70-130	NA	0-20		
7440-38-2	28795	ARSENIC	0.0053	0.0157		0.010	mg/L	104		70-130	NA	0-20		
7440-39-3	28795	BARIUM	0.0066	0.0167		0.010	mg/L	101		70-130	NA	0-20		
7440-43-9	28795	CADMIUM	ND	0.0102		0.010	mg/L	102		70-130	NA	0-20		
7440-47-3	28795	CHROMIUM	0.0042	0.0140		0.010	mg/L	98		70-130	NA	0-20		
7440-50-8	28795	COPPER	ND	0.0101		0.010	mg/L	101		70-130	NA	0-20		
7439-92-1	28795	LEAD	ND	0.0099		0.010	mg/L	99		70-130	NA	0-20		
7439-96-5	28795	MANGANESE	ND	0.0102		0.010	mg/L	102		70-130	NA	0-20		
7440-02-0	28795	NICKEL	ND	0.0102		0.010	mg/L	102		70-130	NA	0-20		

%RPD = Relative Percent Difference

NA = Indicates %RPD could not be calculated

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) analyses are used to determine the accuracy (MS) and precision (MSD) of an analytical method in a given sample matrix. Therefore, the usefulness of this report is limited to samples of similar matrices analyzed in the same analytical batch.

Only Duplicate sample with detections are listed in this report

Limits are intended for water matrices only. These criteria are for guidance only when reported with soils/solids.

FORM: QC Dependent_Port.rpt



SAMPLE DEPENDENT
QUALITY CONTROL REPORT

Duplicate, Matrix Spike/Matrix Spike Duplicate
and Confirmation Result Report

Reference Number: **24-14821**

Report Date: 6/28/2024

Laboratory Fortified Matrix (MS)

Batch/CAS	Sample	Analyte	Result	Duplicate		Conc	Units	Percent Recovery			QC		Comments
				Spike Result	Spike Result			MS	MSD	Limits*	%RPD	Limits*	
7782-49-2	28795	SELENIUM	ND	0.0121		0.010	mg/L	121		70-130	NA	0-20	
7440-22-4	28795	SILVER	ND	0.0097		0.010	mg/L	97		70-130	NA	0-20	
7440-28-0	28795	THALLIUM	ND	0.0099		0.010	mg/L	99		70-130	NA	0-20	
7440-66-6	28795	ZINC	ND	0.0120		0.010	mg/L	120		70-130	NA	0-20	
7440-36-0	29025	ANTIMONY	ND	0.0098		0.010	mg/L	98		70-130	NA	0-20	
7440-38-2	29025	ARSENIC	ND	0.0102		0.010	mg/L	102		70-130	NA	0-20	
7440-39-3	29025	BARIUM	ND	0.0102		0.010	mg/L	102		70-130	NA	0-20	
7440-43-9	29025	CADMIUM	ND	0.0101		0.010	mg/L	101		70-130	NA	0-20	
7440-47-3	29025	CHROMIUM	ND	0.0103		0.010	mg/L	103		70-130	NA	0-20	
7440-50-8	29025	COPPER	ND	0.0101		0.010	mg/L	101		70-130	NA	0-20	
7439-92-1	29025	LEAD	ND	0.0102		0.010	mg/L	102		70-130	NA	0-20	
7439-96-5	29025	MANGANESE	ND	0.0106		0.010	mg/L	106		70-130	NA	0-20	
7440-02-0	29025	NICKEL	ND	0.0102		0.010	mg/L	102		70-130	NA	0-20	
7782-49-2	29025	SELENIUM	ND	0.0104		0.010	mg/L	104		70-130	NA	0-20	
7440-22-4	29025	SILVER	ND	0.0096		0.010	mg/L	96		70-130	NA	0-20	
7440-28-0	29025	THALLIUM	ND	0.0101		0.010	mg/L	101		70-130	NA	0-20	
7440-66-6	29025	ZINC	ND	0.0100		0.010	mg/L	100		70-130	NA	0-20	
7440-38-2	29163	ARSENIC	0.0106	0.0208		0.010	mg/L	102		70-130	NA	0-20	
7440-38-2	29504	ARSENIC	ND	0.0112		0.010	mg/L	112		70-130	NA	0-20	
200.8_240607A4													
7440-41-7	27951	BERYLLIUM	ND	0.0103		0.010	mg/L	103		70-130	NA	0-20	
7440-61-1	27951	URANIUM	ND	0.0102		0.010	mg/L	102		70-130	NA	0-20	
7440-41-7	28284	BERYLLIUM	ND	0.0097		0.010	mg/L	97		70-130	NA	0-20	
7440-61-1	28284	URANIUM	ND	0.0100		0.010	mg/L	100		70-130	NA	0-20	
7440-41-7	28557	BERYLLIUM	ND	0.0093		0.010	mg/L	93		70-130	NA	0-20	
7440-61-1	28775	URANIUM	ND	0.0104		0.010	mg/L	104		70-130	NA	0-20	
7440-61-1	29374	URANIUM	0.0010	0.0114		0.010	mg/L	104		70-130	NA	0-20	
245.1_240605													
7439-97-6	27950	MERCURY	ND	0.00161	0.00163	0.00167	mg/L	96	98	70-130	1.2	0-20	
7439-97-6	29023	MERCURY	ND	0.00161	0.00165	0.00167	mg/L	96	99	70-130	2.5	0-20	
300.1_240528A													
15541-45-4	27963	BROMATE	ND	0.0098		0.010	mg/L	98		75-125	NA	0-20	
7758-19-2	27963	CHLORITE	ND	0.0097		0.010	mg/L	97		75-125	NA	0-20	
504_240610													
106-93-4	27960	1,2 - DIBROMOETHANE (EDB)	ND	0.22		0.25	ug/L	88	NA	65-135	NA	0-20	
96-18-4	27960	1,2,3 - TRICHLOROPROPANE	ND	0.25		0.25	ug/L	100	NA	65-135	NA	0-20	
96-12-8	27960	DIBROMOCHLOROPROPANE (DBCP)	ND	0.25		0.25	ug/L	100	NA	65-135	NA	0-20	
515_240604													
94-75-7	27950	2,4 - D	ND	2.81	2.84	2.5	ug/L	112	114	70-130	1.1	0-20	
93-72-1	27950	2,4,5 - TP (SILVEX)	ND	2.90	2.91	2.5	ug/L	116	116	70-130	0.3	0-20	
75-99-0	27950	DALAPON	ND	2.42	2.51	2.5	ug/L	97	100	70-130	3.7	0-20	
88-85-7	27950	DINOSEB	ND	2.60	2.83	2.5	ug/L	104	113	70-130	8.5	0-20	
87-86-5	27950	PENTACHLOROPHENOL	ND	2.95	2.97	2.5	ug/L	118	119	70-130	0.7	0-20	
1918-02-1	27950	PICLORAM	ND	2.56	2.58	2.5	ug/L	102	103	70-130	0.8	0-20	
525_240610													

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NA = Indicates %RPD could not be calculated

Matrix Spike (MS)/Matrix Spike Duplicate (MSD) analyses are used to determine the accuracy (MS) and precision (MSD) of a analytical method in a given sample matrix. Therefore, the usefulness of this report is limited to samples of similar matrices analyzed in the same analytical batch.

Only Duplicate sample with detections are listed in this report

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FORM: QC Dependent_Port.rpt



SAMPLE DEPENDENT
QUALITY CONTROL REPORT

Duplicate, Matrix Spike/Matrix Spike Duplicate
and Confirmation Result Report

Reference Number: **24-14821**

Report Date: 6/28/2024

Laboratory Fortified Matrix (MS)

Batch/CAS	Sample	Analyte	Result	Duplicate		Conc	Units	Percent Recovery			%RPD	Limits*	QC Qualifier	Comments
				Spike Result	Spike Result			MS	MSD	Limits*				
15972-60-8	27963	ALACHLOR	ND	2.28		2	ug/L	114	NA	70-130	NA	0-20		
1912-24-9	27963	ATRAZINE	ND	2.43		2	ug/L	122	NA	70-130	NA	0-20		
103-23-1	27963	DI(2-ETHYLHEXYL)-ADIPATE	ND	1.21		1	ug/L	121	NA	70-130	NA	0-20		
117-81-7	27963	DI(2-ETHYLHEXYL)-PHTHALATE	ND	1.33		1	ug/L	133	NA	70-130	NA	0-20	M1	
1024-57-3	27963	HEPTACHLOR EPOXIDE "B"	ND	1.27		1	ug/L	127	NA	70-130	NA	0-20		
122-34-9	27963	SIMAZINE	ND	1.07		1	ug/L	107	NA	70-130	NA	0-20		
531_240613														
1563-66-2	27951	CARBOFURAN	ND	19.1	19.0	20	ug/L	96	95	70-130	0.5	0-20		
23135-22-0	27951	OXAMYL (VYDATE)	ND	19.9	20.0	20	ug/L	100	100	70-130	0.5	0-20		
CI_240528A														
7782-50-5	27950	FREE CHLORINE RESIDUAL	ND	0.56	0.55	0.56	mg/L	100	98	80-120	1.8	0-20		
IC06_240528A														
16887-00-6	27950	CHLORIDE	0.4	1.4		1	mg/L	100		90-110	NA	0-20		
16984-48-8	27950	FLUORIDE	ND	0.94		1	mg/L	94		90-110	NA	0-20		
14797-55-8	27950	NITRATE-N	ND	1.05		1	mg/L	105		90-110	NA	0-20		
14797-65-0	27950	NITRITE-N	ND	0.98		1	mg/L	98		90-110	NA	0-20		
14808-79-8	27950	SULFATE	1.4	3.2		2	mg/L	90		90-110	NA	0-20		
E-10128	27950	TOTAL NITRATE+NITRITE as N	ND	2.03		2	mg/L	102		90-110	NA	0-20		
14797-55-8	28627	NITRATE-N	4.24	5.15		1	mg/L	91		90-110	NA	0-20		

%RPD = Relative Percent Difference

NA = Indicates %RPD could not be calculated

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Therefore, the usefulness of this report is limited to samples of similar matrices analyzed in the same analytical batch.

Only Duplicate sample with detections are listed in this report

Limits are intended for water matrices only. These criteria are for guidance only when reported with soils/solids.

FORM: QC Dependent_Port.rpt



24-14821
27950

IBWA/FDA
BOTTLED WATER

CHAIN OF CUSTODY / ANALYSIS REQUEST

CLIENT & BILLING INFORMATION

REPORT TO: Joe Sheely	BILLING EMAIL: Robin@ophorawater.com
ADDRESS: 1030 Cindy Lane	BILL TO: Ophora Water Technologies
CITY: Carpinteria STATE: CA ZIP: 93013	ADDRESS: 1030 Cindy Lane
PHONE: 619-344-7898 FAX:	CITY: Carpinteria STATE: CA ZIP: 93013
CONTACT: Joe Sheely	PHONE: 619-344-7898 O.#
REPORT EMAIL: Joe@ophorawater.com	PERIØ
PROJECT: Full water panel testing	

GENERAL TESTING INFORMATION

THIS IS FOR: IBWA COMPLIANCE (INCLUDES FDA) OR FDA COMPLIANCE

PRODUCT OR SOURCE NAME: OPHORA WATER

DATE CODING (LOT#): DATE SAMPLED: TIME SAMPLED: SAMPLED BY: Joe Sheely

TREATMENT TYPE (CHECK ALL THAT APPLY): NONE CHLORINATION CHLORAMINES OZONE CHLORINE DIOXIDE

CIRCLE THE STATES WHERE YOU SELL BOTTLED WATER: *BOLDED STATES REQUIRE ADDITIONAL TESTING*

AK AL AR AZ **CA** CO CT DE FL GA HI IA ID IL IN KS KY LA MA MD ME MI MN MO MS MT NC ND
NE NH NJ NM NV NY OH OK OR PA RI SC SD TN TX UT VA VT WA WI WV WY ALL STATES

CANADA: AB BC MB NB NL NT NS NU ON PE QC SK YT ALL PROVIDENCES

OTHER COUNTRIES:

PRODUCT TESTING (ANNUALLY)

IBWA and FDA require the four SOC's (Dioxin, Diquat, Endothall and Glyphosate) testing every 3rd year. Only IBWA members are now required to test Perchlorate annually. Please check appropriate box and send 5 gallons ground shipment to the below address. **IMPORTANT: To Reduce THM contamination change your GAC filters and wait one week to sample the Product.**

IBWA ANNUAL \$ _____ IBWA W/SOC'S (REQUIRED EVERY 3RD YEAR) \$ _____

FDA ANNUAL \$1,969.00 FDA W/SOC'S (REQUIRED EVERY 3RD YEAR) \$ _____

50 STATE COMPLIANCE FDA/IBWA \$ _____ \$100 DISCOUNT FOR ANY BOTTLED WATER ASSOCIATIONS MEMBERSHIP \$ _____

* USP23 IS REQUIRED FOR PURIFIED WATERS (DISTILLED & RO) BY FDA/IBWA (CHECK THE BOX IF YOUR PRODUCT IS PURIFIED) \$ _____

SOURCE TESTING (ANNUALLY)

IBWA and FDA require Source testing for Radiological Contaminants every 4th Year. Only IBWA members are now required to test Perchlorate annually. Check appropriate box, fill in Date and Time Sampled. (Ship overnight to below address)

SOURCE SAMPLES MUST BE RECEIVED BY THE LABORATORY WITHIN 24 HOURS OF BEING SAMPLED.

IBWA ANNUAL \$ _____ IBWA W/RADIOLOGICAL CONTAMINANTS (REQUIRED EVERY 4TH YEAR) \$ _____

FDA ANNUAL \$ _____ FDA W/RADIOLOGICAL CONTAMINANTS (REQUIRED EVERY 4TH YEAR) \$ _____

50 STATE COMPLIANCE FDA/IBWA \$ _____ \$100 DISCOUNT FOR ANY BOTTLED WATER ASSOCIATIONS MEMBERSHIP \$ _____

NEW PRODUCT TESTING QUARTERLY

IBWA and FDA require all New Products be tested for Diquat, Endothall, Glyphosate and Dioxin for Four consecutive quarters ("NEW PRODUCT ANNUAL" counts as a quarter.) If you only want to test for Diquat, Endothall, Glyphosate and Dioxin check "NEW PRODUCT QUARTERLY." Please send 5 gallons via UPS Ground or Fed X Ground to the above address.

NEW PRODUCT QUARTERLY NEW PRODUCT ANNUAL

COMMENTS OR REQUESTS:

RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME
X	5/13/24	11:20 AM	X UPS REC8	5/17/24	0919

EVIDENCE OF COOLING
SAMPLE TEMP 19.1 °C
SATISFACTORY

YES	NO	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SAMPLES RECEIVED INTACT
CHAIN OF CUSTODY & LABELS AGREE

YES	NO
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

received 12, half gallon bottles
4 on 5/16

Return samples to

Edge Analytical Laboratories
1620 S. Walnut St.
Burlington, WA 98233

7/6 5-28-24
@ 10:00
54



24-14821
27950

IBWA/FDA
BOTTLED WATER

CHAIN OF CUSTODY / ANALYSIS REQUEST

CLIENT & BILLING INFORMATION	
REPORT TO: Joe Sheely	BILLING EMAIL: Robin@ophorawater.com
ADDRESS: 1030 Cindy Lane	BILL TO: Ophora Water Technologies
CITY: Carpinteria STATE: CA ZIP: 93013	ADDRESS: 1030 Cindy Lane
PHONE: 619-344-7898 FAX:	CITY: Carpinteria STATE: CA ZIP: 93013
CONTACT: Joe Sheely	PHONE: 619-344-7898 O.#
REPORT EMAIL: Joe@ophorawater.com	PER 10
PROJECT: Full water panel testing	

GENERAL TESTING INFORMATION	
THIS IS FOR: <input type="checkbox"/> IBWA COMPLIANCE (INCLUDES FDA) OR <input checked="" type="checkbox"/> FDA COMPLIANCE	
PRODUCT OR SOURCE NAME: OPHORA WATER	
DATE CODING (LOT#):	DATE SAMPLED: TIME SAMPLED: SAMPLED BY: Joe Sheely
TREATMENT TYPE (CHECK ALL THAT APPLY): <input type="checkbox"/> NONE <input type="checkbox"/> CHLORINATION <input type="checkbox"/> CHLORAMINES <input checked="" type="checkbox"/> OZONE <input type="checkbox"/> CHLORINE DIOXIDE	
CIRCLE THE STATES WHERE YOU SELL BOTTLED WATER: *BOLDDED STATES REQUIRE ADDITIONAL TESTING*	
AK AL AR AZ CA CO CT DE FL GA HI IA ID IL IN KS KY LA MA MD ME MI MN MO MS MT NC ND NE NH NJ NM NV NY OH OK OR PA RI SC SD TN TX UT VA VT WA WI WV WY <input type="checkbox"/> ALL STATES	
CANADA: AB BC MB NB NL NT NS NU ON PE QC SK YT <input type="checkbox"/> ALL PROVIDENCES	
OTHER COUNTRIES:	

PRODUCT TESTING (ANNUALLY)	
IBWA and FDA require the four SOC's (Dioxin, Diquat, Endothall and Glyphosate) testing every 3 rd year. Only IBWA members are now required to test Perchlorate annually. Please check appropriate box and send 5 gallons ground shipment to the below address. IMPORTANT: To Reduce THM contamination change your GAC filters and wait one week to sample the Product.	
<input type="checkbox"/> IBWA ANNUAL \$ _____	<input type="checkbox"/> IBWA W/SOC'S (REQUIRED EVERY 3 RD YEAR) \$ _____
<input checked="" type="checkbox"/> FDA ANNUAL \$1,969.00	<input type="checkbox"/> FDA W/SOC'S (REQUIRED EVERY 3 RD YEAR) \$ _____
<input type="checkbox"/> 50 STATE COMPLIANCE FDA/IBWA \$ _____	<input type="checkbox"/> \$100 DISCOUNT FOR ANY BOTTLED WATER ASSOCIATIONS MEMBERSHIP \$ _____
* <input type="checkbox"/> USP23 IS REQUIRED FOR PURIFIED WATERS (DISTILLED & RO) BY FDA/IBWA (CHECK THE BOX IF YOUR PRODUCT IS PURIFIED) \$ _____	

SOURCE TESTING (ANNUALLY)	
IBWA and FDA require Source testing for Radiological Contaminants every 4 th Year. Only IBWA members are now required to test Perchlorate annually. Check appropriate box, fill in Date and Time Sampled. (Ship overnight to below address)	
SOURCE SAMPLES MUST BE RECEIVED BY THE LABORATORY WITHIN 24 HOURS OF BEING SAMPLED.	
<input type="checkbox"/> IBWA ANNUAL \$ _____	<input type="checkbox"/> IBWA W/RADIOLOGICAL CONTAMINANTS (REQUIRED EVERY 4 TH YEAR) \$ _____
<input type="checkbox"/> FDA ANNUAL \$ _____	<input type="checkbox"/> FDA W/RADIOLOGICAL CONTAMINANTS (REQUIRED EVERY 4 TH YEAR) \$ _____
<input type="checkbox"/> 50 STATE COMPLIANCE FDA/IBWA \$ _____	<input type="checkbox"/> \$100 DISCOUNT FOR ANY BOTTLED WATER ASSOCIATIONS MEMBERSHIP \$ _____

NEW PRODUCT TESTING QUARTERLY	
IBWA and FDA require all New Products be tested for Diquat, Endothall, Glyphosate and Dioxin for Four consecutive quarters ("New PRODUCT ANNUAL" counts as a quarter.) If you only want to test for Diquat, Endothall, Glyphosate and Dioxin check "NEW PRODUCT QUARTERLY." Please send 5 gallons via UPS Ground or Fed X Ground to the above address.	
<input type="checkbox"/> NEW PRODUCT QUARTERLY	<input type="checkbox"/> NEW PRODUCT ANNUAL

COMMENTS OR REQUESTS:

RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME
X	5/13/24	11:20 AM	X UPS REC8	5/17/24	0919

EVIDENCE OF COOLING	YES	NO	N/A	SAMPLES RECEIVED INTACT	YES	NO
SAMPLE TEMP 19.1 °C	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CHAIN OF CUSTODY & LABELS AGREE	<input type="checkbox"/>	<input type="checkbox"/>
SATISFACTORY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

received 12, half gallon bottles
4 on 5/16

Return samples to ►

Edge Analytical Laboratories
1620 S. Walnut St.
Burlington, WA 98233



SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Reference Number: **24-14821**

Report Date: 06/28/24

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits*	QC Qualifier	QC Type	Comment
Calibration Check										
1677_240604	0 CYANIDE	0.104	0.100	mg/L	OIA-1677-DW	104	90-110	CAL		
200.7_240604A5	2 ALUMINUM	1.02	1	mg/L	200.7	102	90-110	CAL		
	2 IRON	1	1	mg/L	200.7	100	90-110	CAL		
	2 CALCIUM	11.5	11	mg/L	200.7	105	90-110	CAL		
	2 HARDNESS as Calcium Carbonate	74.8	72.8	mg/L	200.7	103	90-110	CAL		
	2 MAGNESIUM	11.2	11	mg/L	200.7	102	90-110	CAL		
	2 POTASSIUM	9.9	10	mg/L	200.7	99	90-110	CAL		
	2 SODIUM	11.2	11	mg/L	200.7	102	90-110	CAL		
200.8_240605A4	0 COPPER	0.00102	0.001	mg/L	200.8	102	80-120	CAL		
	0 MANGANESE	0.00103	0.001	mg/L	200.8	103	80-120	CAL		
	0 SILVER	0.00094	0.001	mg/L	200.8	94	80-120	CAL		
	0 ZINC	0.00099	0.001	mg/L	200.8	99	80-120	CAL		
	0 ANTIMONY	0.00097	0.001	mg/L	200.8	97	80-120	CAL		
	0 ARSENIC	0.00104	0.001	mg/L	200.8	104	80-120	CAL		
	0 BARIUM	0.00104	0.001	mg/L	200.8	104	80-120	CAL		
	0 CADMIUM	0.00098	0.001	mg/L	200.8	98	80-120	CAL		
	0 CHROMIUM	0.00093	0.001	mg/L	200.8	93	80-120	CAL		
	0 LEAD	0.00102	0.001	mg/L	200.8	102	80-120	CAL		
	0 NICKEL	0.00102	0.001	mg/L	200.8	102	80-120	CAL		
	0 SELENIUM	0.00102	0.001	mg/L	200.8	102	80-120	CAL		
	0 THALLIUM	0.00101	0.001	mg/L	200.8	101	80-120	CAL		
200.8_240607A4	0 URANIUM	0.00096	0.001	mg/L	200.8	96	80-120	CAL		
	0 BERYLLIUM	0.00088	0.001	mg/L	200.8	88	80-120	CAL		
245.1_240605	0 MERCURY	0.00195	0.00200	mg/L	245.1	98	95-105	CAL		
300.1_240528A	0 BROMATE	0.00086	0.001	mg/L	300.1	86	75-125	CAL		
	0 CHLORITE	0.00096	0.001	mg/L	300.1	96	75-125	CAL		
	1 BROMATE	0.0045	0.005	mg/L	300.1	90	75-125	CAL		
	1 CHLORITE	0.0047	0.005	mg/L	300.1	94	75-125	CAL		
	2 BROMATE	0.0097	0.01	mg/L	300.1	97	75-125	CAL		
	2 CHLORITE	0.0097	0.01	mg/L	300.1	97	75-125	CAL		
	3 BROMATE	0.0144	0.015	mg/L	300.1	96	75-125	CAL		
	3 CHLORITE	0.0144	0.015	mg/L	300.1	96	75-125	CAL		
	4 BROMATE	0.0494	0.05	mg/L	300.1	99	75-125	CAL		
	4 CHLORITE	0.0488	0.05	mg/L	300.1	98	75-125	CAL		
CI_240528A	0 FREE CHLORINE RESIDUAL	0.050	0.050	mg/L	SM4500-Cl G	100	70-130	CAL		
EC_240528R	0 ELECTRICAL CONDUCTIVITY	101	100	uS/cm	SM2510 B	101	85-115	CAL		
IC06_240528A	0 CHLORIDE	1.0	1	mg/L	300.0	100	90-110	CAL		
	0 SULFATE	1.9	2	mg/L	300.0	95	90-110	CAL		
	0 FLUORIDE	0.94	1	mg/L	300.0	94	90-110	CAL		
	0 NITRATE-N	1.01	1	mg/L	300.0	101	90-110	CAL		
	0 NITRITE-N	0.99	1	mg/L	300.0	99	90-110	CAL		

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

Limits are intended for water matrices only. These criteria are for guidance only when reported with soils/solids.

FORM: QCIndependent4.rpt



SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Reference Number: **24-14821**

Report Date: 06/28/24

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits*	QC Qualifier	QC Type	Comment
Calibration Check										
IC06_240528A	0 TOTAL NITRATE+NITRITE as N	2.00	2	mg/L	300.0	100	90-110		CAL	
Turb_240528	0 TURBIDITY	10.2	10	NTU	180.1	102	90-110		CAL	
	1 TURBIDITY	9.86	10	NTU	180.1	99	90-110		CAL	
	2 TURBIDITY	9.99	10	NTU	180.1	100	90-110		CAL	
	3 TURBIDITY	10.1	10	NTU	180.1	101	90-110		CAL	
	4 TURBIDITY	9.97	10	NTU	180.1	100	90-110		CAL	
	5 TURBIDITY	9.97	10	NTU	180.1	100	90-110		CAL	
	6 TURBIDITY	9.71	10	NTU	180.1	97	90-110		CAL	

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

Limits are intended for water matrices only. These criteria are for guidance only when reported with soils/solids.

FORM: QCIndependent4.rpt



SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Reference Number: **24-14821**

Report Date: 06/28/24

Batch	Analyte	Result	True Value	Units	Method	% Recovery	QC Limits*	QC Qualifier Type	Comment
Laboratory Fortified Blank									
200.7_240604A5	1 ALUMINUM	0.512	0.5	mg/L	200.7	102	85-115	LFB	
	1 IRON	0.498	0.5	mg/L	200.7	100	85-115	LFB	
	1 CALCIUM	13.3	13	mg/L	200.7	102	85-115	LFB	
	1 HARDNESS as Calcium Carbonate	86.3	86	mg/L	200.7	100	85-115	LFB	
	1 MAGNESIUM	12.9	13	mg/L	200.7	99	85-115	LFB	
	1 POTASSIUM	17	17.5	mg/L	200.7	97	85-115	LFB	
	1 SODIUM	13.1	13	mg/L	200.7	101	85-115	LFB	
200.8_240605A4	0 COPPER	0.0101	0.01	mg/L	200.8	101	85-115	LFB	
	0 MANGANESE	0.011	0.01	mg/L	200.8	110	85-115	LFB	
	0 SILVER	0.0099	0.01	mg/L	200.8	99	85-115	LFB	
	0 ZINC	0.0101	0.01	mg/L	200.8	101	85-115	LFB	
	0 ANTIMONY	0.0096	0.01	mg/L	200.8	96	85-115	LFB	
	0 ARSENIC	0.0099	0.01	mg/L	200.8	99	85-115	LFB	
	0 BARIUM	0.0103	0.01	mg/L	200.8	103	85-115	LFB	
	0 CADMIUM	0.0102	0.01	mg/L	200.8	102	85-115	LFB	
	0 CHROMIUM	0.0104	0.01	mg/L	200.8	104	85-115	LFB	
	0 LEAD	0.01	0.01	mg/L	200.8	100	85-115	LFB	
	0 NICKEL	0.011	0.01	mg/L	200.8	110	85-115	LFB	
	0 SELENIUM	0.0103	0.01	mg/L	200.8	103	85-115	LFB	
	0 THALLIUM	0.0102	0.01	mg/L	200.8	102	85-115	LFB	
200.8_240607A4	0 URANIUM	0.0099	0.01	mg/L	200.8	99	85-115	LFB	
	0 BERYLLIUM	0.0107	0.01	mg/L	200.8	107	85-115	LFB	
245.1_240605	0 MERCURY	0.00155	0.00167	mg/L	245.1	93	85-115	LFB	
504_240610	0 1,2 - DIBROMOETHANE (EDB)	0.25	0.25	ug/L	504.1	100	70-130	LFB	
	0 1,2,3 - TRICHLOROPROPANE	0.26	0.25	ug/L	504.1	104	70-130	LFB	
	0 DIBROMOCHLOROPROPANE (DBCP)	0.26	0.25	ug/L	504.1	104	70-130	LFB	
	1 1,2 - DIBROMOETHANE (EDB)	0.26	0.25	ug/L	504.1	104	70-130	LFB	
	1 1,2,3 - TRICHLOROPROPANE	0.24	0.25	ug/L	504.1	96	70-130	LFB	
	1 DIBROMOCHLOROPROPANE (DBCP)	0.27	0.25	ug/L	504.1	108	70-130	LFB	
508_240610	0 TOXAPHENE	0.82	1	ug/L	508.1	82	70-130	LFB	
515_240604	0 2,4 - D	0.554	0.5	ug/L	515.4	111	70-130	LFB	
	0 2,4,5 - TP (SILVEX)	0.552	0.5	ug/L	515.4	110	70-130	LFB	
	0 DINOSEB	0.532	0.5	ug/L	515.4	106	70-130	LFB	
	0 PENTACHLOROPHENOL	0.548	0.5	ug/L	515.4	110	70-130	LFB	
	0 PICLORAM	0.381	0.5	ug/L	515.4	76	70-130	LFB	
	1 2,4 - D	3.13	2.5	ug/L	515.4	125	70-130	LFB	
	1 2,4,5 - TP (SILVEX)	2.96	2.5	ug/L	515.4	118	70-130	LFB	
	1 DALAPON	2.76	2.5	ug/L	515.4	110	70-130	LFB	
	1 DINOSEB	2.83	2.5	ug/L	515.4	113	70-130	LFB	
	1 PENTACHLOROPHENOL	3.01	2.5	ug/L	515.4	120	70-130	LFB	
	1 PICLORAM	2.62	2.5	ug/L	515.4	105	70-130	LFB	

*Notation:

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FORM: QCIndependent4.rpt



SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Reference Number: **24-14821**

Report Date: 06/28/24

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits*	QC Qualifier	QC Type	Comment
Laboratory Fortified Blank										
524_240607	0 1,1 - DICHLOROETHYLENE	10.8	10	ug/L	524.2	108	70-130		LFB	
	0 1,1,1 - TRICHLOROETHANE	9.9	10	ug/L	524.2	99	70-130		LFB	
	0 1,1,2 - TRICHLOROETHANE	9.4	10	ug/L	524.2	94	70-130		LFB	
	0 1,2 - DICHLOROETHANE	9.0	10	ug/L	524.2	90	70-130		LFB	
	0 1,2 - DICHLOROPROPANE	9.4	10	ug/L	524.2	94	70-130		LFB	
	0 1,2,4 - TRICHLOROBENZENE	9.8	10	ug/L	524.2	98	70-130		LFB	
	0 BENZENE	9.5	10	ug/L	524.2	95	70-130		LFB	
	0 BROMODICHLOROMETHANE	9.4	10	ug/L	524.2	94	70-130		LFB	
	0 BROMOFORM	9.0	10	ug/L	524.2	90	70-130		LFB	
	0 CARBON TETRACHLORIDE	10.0	10	ug/L	524.2	100	70-130		LFB	
	0 CHLORODIBROMOMETHANE	9.5	10	ug/L	524.2	95	70-130		LFB	
	0 CHLOROFORM	9.6	10	ug/L	524.2	96	70-130		LFB	
	0 CIS - 1,2 - DICHLOROETHYLENE	9.6	10	ug/L	524.2	96	70-130		LFB	
	0 ETHYLBENZENE	11.2	10	ug/L	524.2	112	70-130		LFB	
	0 METHYLENE CHLORIDE (DICHLOROMETHANE)	9.0	10	ug/L	524.2	90	70-130		LFB	
	0 MONOCHLOROBENZENE	11.0	10	ug/L	524.2	110	70-130		LFB	
	0 O - DICHLOROBENZENE	10.8	10	ug/L	524.2	108	70-130		LFB	
	0 P - DICHLOROBENZENE	11.0	10	ug/L	524.2	110	70-130		LFB	
	0 STYRENE	11.1	10	ug/L	524.2	111	70-130		LFB	
	0 TETRACHLOROETHYLENE	10.6	10	ug/L	524.2	106	70-130		LFB	
	0 TOLUENE	10.0	10	ug/L	524.2	100	70-130		LFB	
	0 TRANS - 1,2 - DICHLOROETHYLENE	10.2	10	ug/L	524.2	102	70-130		LFB	
	0 TRICHLOROETHYLENE	9.7	10	ug/L	524.2	97	70-130		LFB	
	0 VINYL CHLORIDE	11.3	10	ug/L	524.2	113	70-130		LFB	
525_240610	0 ALACHLOR	2.16	2	ug/L	525.2	108	70-130		LFB	
	0 ATRAZINE	2.43	2	ug/L	525.2	122	70-130		LFB	
	0 DI(2-ETHYLHEXYL)-ADIPATE	1.06	1	ug/L	525.2	106	70-130		LFB	
	0 DI(2-ETHYLHEXYL)-PHTHALATE	1.06	1	ug/L	525.2	106	70-130		LFB	
	0 HEPTACHLOR EPOXIDE "B"	1.09	1	ug/L	525.2	109	70-130		LFB	
	0 SIMAZINE	1.04	1	ug/L	525.2	104	70-130		LFB	
531_240613	0 CARBOFURAN	20.4	20	ug/L	531.2	102	70-130		LFB	
	0 OXAMYL (VYDATE)	20.3	20	ug/L	531.2	102	70-130		LFB	
CI_240528A	0 FREE CHLORINE RESIDUAL	0.191	0.200	mg/L	SM4500-Cl G	96	80-120		LFB	
EC_240528R	0 ELECTRICAL CONDUCTIVITY	102	100	uS/cm	SM2510 B	102	90-110		LFB	

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

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FORM: QCIndependent4.rpt



SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Reference Number: **24-14821**

Report Date: 06/28/24

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits*	QC Qualifier	QC Type	Comment
Low-Level Lab Fortified Blank										
504_240610	1 1,2 - DIBROMOETHANE (EDB)	0.007	0.01	ug/L	504.1	70	60-140		LLFB	
	1 1,2,3 - TRICHLOROPROPANE	0.012	0.01	ug/L	504.1	120	60-140		LLFB	
	1 DIBROMOCHLOROPROPANE (DBCP)	0.008	0.01	ug/L	504.1	80	60-140		LLFB	
	2 1,2 - DIBROMOETHANE (EDB)	0.007	0.01	ug/L	504.1	70	60-140		LLFB	
	2 1,2,3 - TRICHLOROPROPANE	0.006	0.01	ug/L	504.1	60	60-140		LLFB	
	2 DIBROMOCHLOROPROPANE (DBCP)	0.008	0.01	ug/L	504.1	80	60-140		LLFB	
515_240604	0 2,4 - D	0.083	0.1	ug/L	515.4	83	50-150		LLFB	
	0 2,4,5 - TP (SILVEX)	0.101	0.1	ug/L	515.4	101	50-150		LLFB	
	0 DALAPON	0.397	0.5	ug/L	515.4	79	50-150		LLFB	
	0 DINOSEB	0.099	0.1	ug/L	515.4	99	50-150		LLFB	
	0 PENTACHLOROPHENOL	0.098	0.1	ug/L	515.4	98	50-150		LLFB	
	0 PICLORAM	0.071	0.1	ug/L	515.4	71	50-150		LLFB	
	1 PENTACHLOROPHENOL	0.039	0.04	ug/L	515.4	98	50-150		LLFB	
525_240610	0 ALACHLOR	0.21	0.2	ug/L	525.2	105	50-150		LLFB	
	0 ATRAZINE	0.23	0.2	ug/L	525.2	115	50-150		LLFB	
	0 DI(2-ETHYLHEXYL)-ADIPATE	0.13	0.1	ug/L	525.2	130	50-150		LLFB	
	0 DI(2-ETHYLHEXYL)-PHTHALATE	0.66	0.5	ug/L	525.2	132	50-150		LLFB	
	0 HEPTACHLOR EPOXIDE "B"	0.10	0.1	ug/L	525.2	100	50-150		LLFB	
	0 SIMAZINE	0.09	0.1	ug/L	525.2	90	50-150		LLFB	
531_240613	0 CARBOFURAN	0.52	0.5	ug/L	531.2	104	50-150		LLFB	
	0 OXAMYL (VYDATE)	0.49	0.5	ug/L	531.2	98	50-150		LLFB	

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

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FORM: QCIndependent4.rpt



SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Reference Number: **24-14821**

Report Date: 06/28/24

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits*	QC Qualifier	QC Type	Comment
Laboratory Reagent Blank										
1677_240604	0 CYANIDE	ND		mg/L	OIA-1677-DW	0-0			LRB	
200.7_240604A5	0 ALUMINUM	ND		mg/L	200.7	0-0			LRB	
	0 IRON	ND		mg/L	200.7	0-0			LRB	
	0 CALCIUM	ND		mg/L	200.7	0-0			LRB	
	0 HARDNESS as Calcium Carbonate	ND		mg/L	200.7	0-0			LRB	
	0 MAGNESIUM	ND		mg/L	200.7	0-0			LRB	
	0 POTASSIUM	ND		mg/L	200.7	0-0			LRB	
	0 SODIUM	ND		mg/L	200.7	0-0			LRB	
200.8_240605A4	0 COPPER	ND		mg/L	200.8	0-0			LRB	
	0 MANGANESE	ND		mg/L	200.8	0-0			LRB	
	0 SILVER	ND		mg/L	200.8	0-0			LRB	
	0 ZINC	ND		mg/L	200.8	0-0			LRB	
	0 ANTIMONY	ND		mg/L	200.8	0-0			LRB	
	0 ARSENIC	ND		mg/L	200.8	0-0			LRB	
	0 BARIUM	ND		mg/L	200.8	0-0			LRB	
	0 CADMIUM	ND		mg/L	200.8	0-0			LRB	
	0 CHROMIUM	ND		mg/L	200.8	0-0			LRB	
	0 LEAD	ND		mg/L	200.8	0-0			LRB	
	0 NICKEL	ND		mg/L	200.8	0-0			LRB	
	0 SELENIUM	ND		mg/L	200.8	0-0			LRB	
	0 THALLIUM	ND		mg/L	200.8	0-0			LRB	
200.8_240607A4	0 URANIUM	ND		mg/L	200.8	0-0			LRB	
	0 BERYLLIUM	ND		mg/L	200.8	0-0			LRB	
300.1_240528A	0 BROMATE	ND		mg/L	300.1	0-0			LRB	
	0 CHLORITE	ND		mg/L	300.1	0-0			LRB	
Cl_240528A	0 CHLORAMINES TOTAL	ND		mg/L	SM4500-Cl G	0-0			LRB	
	0 FREE CHLORINE RESIDUAL	ND		mg/L	SM4500-Cl G	0-0			LRB	
CLo2_240528A	0 CHLORINE DIOXIDE	ND		mg/L	SM4500-ClO2 D	0-0			LRB	
IC06_240528A	0 CHLORIDE	ND		mg/L	300.0	0-0			LRB	
	0 SULFATE	ND		mg/L	300.0	0-0			LRB	
	0 FLUORIDE	ND		mg/L	300.0	0-0			LRB	
	0 NITRATE-N	ND		mg/L	300.0	0-0			LRB	
	0 NITRITE-N	ND		mg/L	300.0	0-0			LRB	
	0 TOTAL NITRATE+NITRITE as N	ND		mg/L	300.0	0-0			LRB	

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

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FORM: QCIndependent4.rpt



SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Reference Number: **24-14821**

Report Date: 06/28/24

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits*	QC Qualifier Type	QC Comment
Method Blank									
200.8_240605A4	0 COPPER	ND		mg/L	200.8		0-0		MB
	0 MANGANESE	ND		mg/L	200.8		0-0		MB
	0 SILVER	ND		mg/L	200.8		0-0		MB
	0 ZINC	ND		mg/L	200.8		0-0		MB
	0 ANTIMONY	ND		mg/L	200.8		0-0		MB
	0 ARSENIC	ND		mg/L	200.8		0-0		MB
	0 BARIUM	ND		mg/L	200.8		0-0		MB
	0 CADMIUM	ND		mg/L	200.8		0-0		MB
	0 CHROMIUM	ND		mg/L	200.8		0-0		MB
	0 LEAD	ND		mg/L	200.8		0-0		MB
	0 NICKEL	ND		mg/L	200.8		0-0		MB
	0 SELENIUM	ND		mg/L	200.8		0-0		MB
	0 THALLIUM	ND		mg/L	200.8		0-0		MB
200.8_240607A4	0 URANIUM	ND		mg/L	200.8		0-0		MB
	0 BERYLLIUM	ND		mg/L	200.8		0-0		MB
245.1_240605	0 MERCURY	ND		mg/L	245.1		0-0		MB
504_240610	0 1,2 - DIBROMOETHANE (EDB)	ND		ug/L	504.1		0-0		MB
	0 1,2,3 - TRICHLOROPROPANE	ND		ug/L	504.1		0-0		MB
	0 DIBROMOCHLOROPROPANE (DBCP)	ND		ug/L	504.1		0-0		MB
	1 1,2 - DIBROMOETHANE (EDB)	ND		ug/L	504.1		0-0		MB
	1 1,2,3 - TRICHLOROPROPANE	ND		ug/L	504.1		0-0		MB
1 DIBROMOCHLOROPROPANE (DBCP)	ND		ug/L	504.1		0-0		MB	
508_240610	0 CHLORDANE	ND		ug/L	508.1		0-0		MB
	0 TOXAPHENE	ND		ug/L	508.1		0-0		MB
515_240604	0 2,4 - D	ND		ug/L	515.4		0-0		MB
	0 2,4,5 - TP (SILVEX)	ND		ug/L	515.4		0-0		MB
	0 DALAPON	ND		ug/L	515.4		0-0		MB
	0 DINOSEB	ND		ug/L	515.4		0-0		MB
	0 PENTACHLOROPHENOL	ND		ug/L	515.4		0-0		MB
	0 PICLORAM	ND		ug/L	515.4		0-0		MB
524_240607	0 1,1 - DICHLOROETHYLENE	ND		ug/L	524.2		0-0		MB
	0 1,1,1 - TRICHLOROETHANE	ND		ug/L	524.2		0-0		MB
	0 1,1,2 - TRICHLOROETHANE	ND		ug/L	524.2		0-0		MB
	0 1,2 - DICHLOROETHANE	ND		ug/L	524.2		0-0		MB
	0 1,2 - DICHLOROPROPANE	ND		ug/L	524.2		0-0		MB
	0 1,2,4 - TRICHLOROBENZENE	ND		ug/L	524.2		0-0		MB
	0 BENZENE	ND		ug/L	524.2		0-0		MB
	0 BROMODICHLOROMETHANE	ND		ug/L	524.2		0-0		MB
	0 BROMOFORM	ND		ug/L	524.2		0-0		MB
	0 CARBON TETRACHLORIDE	ND		ug/L	524.2		0-0		MB
	0 CHLORODIBROMOMETHANE	ND		ug/L	524.2		0-0		MB
0 CHLOROFORM	ND		ug/L	524.2		0-0		MB	

*Notation:

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NA = Indicates % Recovery could not be calculated.

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FORM: QCIndependent4.rpt



SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Reference Number: **24-14821**

Report Date: **06/28/24**

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits*	QC Qualifier	QC Type	Comment
Method Blank										
524_240607	0 CIS - 1,2 - DICHLOROETHYLENE	ND		ug/L	524.2		0-0		MB	
	0 ETHYLBENZENE	ND		ug/L	524.2		0-0		MB	
	0 METHYLENE CHLORIDE (DICHLOROMETHANE)	ND		ug/L	524.2		0-1		MB	
	0 MONOCHLOROENZENE	ND		ug/L	524.2		0-0		MB	
	0 O - DICHLOROENZENE	ND		ug/L	524.2		0-0		MB	
	0 P - DICHLOROENZENE	ND		ug/L	524.2		0-0		MB	
	0 STYRENE	ND		ug/L	524.2		0-0		MB	
	0 TETRACHLOROETHYLENE	ND		ug/L	524.2		0-0		MB	
	0 TOLUENE	ND		ug/L	524.2		0-0		MB	
	0 TRANS - 1,2 - DICHLOROETHYLENE	ND		ug/L	524.2		0-0		MB	
	0 TRICHLOROETHYLENE	ND		ug/L	524.2		0-0		MB	
	0 VINYL CHLORIDE	ND		ug/L	524.2		0-0		MB	
	1 1,1 - DICHLOROETHYLENE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 1,1,1 - TRICHLOROETHANE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 1,1,2 - TRICHLOROETHANE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 1,2 - DICHLOROETHANE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 1,2 - DICHLOROPROPANE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 1,2,4 - TRICHLOROENZENE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 BENZENE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 BROMODICHLOROMETHANE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 BROMOFORM	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 CARBON TETRACHLORIDE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 CHLORODIBROMOMETHANE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 CHLOROFORM	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 CIS - 1,2 - DICHLOROETHYLENE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 ETHYLBENZENE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 METHYLENE CHLORIDE (DICHLOROMETHANE)	ND		ug/L	524.2		0-1		MB	TB 24-15326
	1 MONOCHLOROENZENE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 O - DICHLOROENZENE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 P - DICHLOROENZENE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 STYRENE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 TETRACHLOROETHYLENE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 TOLUENE	1.1		ug/L	524.2		0-0	B	MB	TB 24-15326
	1 TRANS - 1,2 - DICHLOROETHYLENE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 TRICHLOROETHYLENE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	1 VINYL CHLORIDE	ND		ug/L	524.2		0-0		MB	TB 24-15326
	2 1,1 - DICHLOROETHYLENE	ND		ug/L	524.2		0-0		MB	TB 24-15595
	2 1,1,1 - TRICHLOROETHANE	ND		ug/L	524.2		0-0		MB	TB 24-15595
	2 1,1,2 - TRICHLOROETHANE	ND		ug/L	524.2		0-0		MB	TB 24-15595
	2 1,2 - DICHLOROETHANE	ND		ug/L	524.2		0-0		MB	TB 24-15595
	2 1,2 - DICHLOROPROPANE	ND		ug/L	524.2		0-0		MB	TB 24-15595
	2 1,2,4 - TRICHLOROENZENE	ND		ug/L	524.2		0-0		MB	TB 24-15595
	2 BENZENE	ND		ug/L	524.2		0-0		MB	TB 24-15595

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

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FORM: QCIndependent4.rpt



SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Reference Number: **24-14821**

Report Date: **06/28/24**

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits*	QC Qualifier Type	QC Comment
Method Blank									
524_240607	2 BROMODICHLOROMETHANE	ND		ug/L	524.2	0-0		MB	TB 24-15595
	2 BROMOFORM	ND		ug/L	524.2	0-0		MB	TB 24-15595
	2 CARBON TETRACHLORIDE	ND		ug/L	524.2	0-0		MB	TB 24-15595
	2 CHLORODIBROMOMETHANE	ND		ug/L	524.2	0-0		MB	TB 24-15595
	2 CHLOROFORM	ND		ug/L	524.2	0-0		MB	TB 24-15595
	2 CIS - 1,2 - DICHLOROETHYLENE	ND		ug/L	524.2	0-0		MB	TB 24-15595
	2 ETHYLBENZENE	ND		ug/L	524.2	0-0		MB	TB 24-15595
	2 METHYLENE CHLORIDE (DICHLOROMETHANE)	ND		ug/L	524.2	0-1		MB	TB 24-15595
	2 MONOCHLOROENZENE	ND		ug/L	524.2	0-0		MB	TB 24-15595
	2 O - DICHLOROENZENE	ND		ug/L	524.2	0-0		MB	TB 24-15595
	2 P - DICHLOROENZENE	ND		ug/L	524.2	0-0		MB	TB 24-15595
	2 STYRENE	ND		ug/L	524.2	0-0		MB	TB 24-15595
	2 TETRACHLOROETHYLENE	ND		ug/L	524.2	0-0		MB	TB 24-15595
	2 TOLUENE	ND		ug/L	524.2	0-0		MB	TB 24-15595
	2 TRANS - 1,2 - DICHLOROETHYLENE	ND		ug/L	524.2	0-0		MB	TB 24-15595
	2 TRICHLOROETHYLENE	ND		ug/L	524.2	0-0		MB	TB 24-15595
	2 VINYL CHLORIDE	ND		ug/L	524.2	0-0		MB	TB 24-15595
525_240610	0 ALACHLOR	ND		ug/L	525.2	0-0		MB	
	0 ATRAZINE	ND		ug/L	525.2	0-0		MB	
	0 DI(2-ETHYLHEXYL)-ADIPATE	ND		ug/L	525.2	0-0		MB	
	0 DI(2-ETHYLHEXYL)-PHTHALATE	ND		ug/L	525.2	0-0		MB	
	0 HEPTACHLOR EPOXIDE "B"	ND		ug/L	525.2	0-0		MB	
	0 SIMAZINE	ND		ug/L	525.2	0-0		MB	
531_240613	0 CARBOFURAN	ND		ug/L	531.2	0-0		MB	
	0 OXAMYL (VYDATE)	ND		ug/L	531.2	0-0		MB	
Color_240528	0 COLOR	ND		CU	SM2120 B	0-4		MB	
EC_240528R	0 ELECTRICAL CONDUCTIVITY	ND		uS/cm	SM2510 B	0-10		MB	
TDS_240531	0 TOTAL DISSOLVED SOLIDS (TDS)	ND		mg/L	SM2540 C	0-3		MB	
	1 TOTAL DISSOLVED SOLIDS (TDS)	ND		mg/L	SM2540 C	0-3		MB	
Turb_240528	0 TURBIDITY	ND		NTU	180.1	0-0		MB	

*Notation:

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SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Reference Number: **24-14821**

Report Date: 06/28/24

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits*	QC Qualifier	QC Type	Comment
Method Detection Limit Sample										
524_240607	0 1,1 - DICHLOROETHYLENE	0.33	0.4	ug/L	524.2	83	25-175			MDL
	0 1,1,1 - TRICHLOROETHANE	0.33	0.4	ug/L	524.2	83	25-175			MDL
	0 1,1,2 - TRICHLOROETHANE	0.40	0.4	ug/L	524.2	100	25-175			MDL
	0 1,2 - DICHLOROETHANE	0.41	0.4	ug/L	524.2	103	25-175			MDL
	0 1,2 - DICHLOROPROPANE	0.41	0.4	ug/L	524.2	103	25-175			MDL
	0 1,2,4 - TRICHLOROBENZENE	0.28	0.4	ug/L	524.2	70	25-175			MDL
	0 BENZENE	0.36	0.4	ug/L	524.2	90	25-175			MDL
	0 BROMODICHLOROMETHANE	0.40	0.4	ug/L	524.2	100	25-175			MDL
	0 BROMOFORM	0.41	0.4	ug/L	524.2	103	25-175			MDL
	0 CARBON TETRACHLORIDE	0.25	0.4	ug/L	524.2	63	25-175			MDL
	0 CHLORODIBROMOMETHANE	0.37	0.4	ug/L	524.2	93	25-175			MDL
	0 CHLOROFORM	0.39	0.4	ug/L	524.2	98	25-175			MDL
	0 CIS - 1,2 - DICHLOROETHYLENE	0.38	0.4	ug/L	524.2	95	25-175			MDL
	0 ETHYLBENZENE	0.36	0.4	ug/L	524.2	90	25-175			MDL
	0 METHYLENE CHLORIDE (DICHLOROMETHANE)	0.48	0.4	ug/L	524.2	120	25-175			MDL
	0 MONOCHLOROBENZENE	0.46	0.4	ug/L	524.2	115	25-175			MDL
	0 O - DICHLOROBENZENE	0.45	0.4	ug/L	524.2	113	25-175			MDL
	0 P - DICHLOROBENZENE	0.45	0.4	ug/L	524.2	113	25-175			MDL
	0 STYRENE	0.40	0.4	ug/L	524.2	100	25-175			MDL
	0 TETRACHLOROETHYLENE	0.34	0.4	ug/L	524.2	85	25-175			MDL
	0 TOLUENE	0.36	0.4	ug/L	524.2	90	25-175			MDL
	0 TRANS - 1,2 - DICHLOROETHYLENE	0.35	0.4	ug/L	524.2	88	25-175			MDL
	0 TRICHLOROETHYLENE	0.38	0.4	ug/L	524.2	95	25-175			MDL
	0 VINYL CHLORIDE	0.35	0.4	ug/L	524.2	88	25-175			MDL

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

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SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Reference Number: **24-14821**

Report Date: 06/28/24

Batch	Analyte	Result	True Value	Units	Method	% Recovery	QC Limits*	QC Qualifier Type	Comment
Quality Control Sample									
1677_240604	0 CYANIDE	0.098	0.100	mg/L	OIA-1677-DW	98	90-110	QCS	
200.7_240604A5	0 ALUMINUM	2	2	mg/L	200.7	100	95-105	QCS	
	0 IRON	1.97	2	mg/L	200.7	99	95-105	QCS	
	1 CALCIUM	20.1	20	mg/L	200.7	101	95-105	QCS	
	1 HARDNESS as Calcium Carbonate	128	132.3	mg/L	200.7	97	95-105	QCS	
	1 MAGNESIUM	19	20	mg/L	200.7	95	95-105	QCS	
	1 POTASSIUM	19.4	20	mg/L	200.7	97	95-105	QCS	
	1 SODIUM	20	20	mg/L	200.7	100	95-105	QCS	
200.8_240605A4	0 COPPER	0.0388	0.04	mg/L	200.8	97	90-110	QCS	
	0 MANGANESE	0.0415	0.04	mg/L	200.8	104	90-110	QCS	
	0 SILVER	0.0391	0.04	mg/L	200.8	98	90-110	QCS	
	0 ZINC	0.0392	0.04	mg/L	200.8	98	90-110	QCS	
	0 ANTIMONY	0.0369	0.04	mg/L	200.8	92	90-110	QCS	
	0 ARSENIC	0.039	0.04	mg/L	200.8	98	90-110	QCS	
	0 BARIUM	0.0402	0.04	mg/L	200.8	101	90-110	QCS	
	0 CADMIUM	0.0401	0.04	mg/L	200.8	100	90-110	QCS	
	0 CHROMIUM	0.0387	0.04	mg/L	200.8	97	90-110	QCS	
	0 LEAD	0.039	0.04	mg/L	200.8	98	90-110	QCS	
	0 NICKEL	0.0407	0.04	mg/L	200.8	102	90-110	QCS	
	0 SELENIUM	0.0394	0.04	mg/L	200.8	99	90-110	QCS	
	0 THALLIUM	0.0388	0.04	mg/L	200.8	97	90-110	QCS	
200.8_240607A4	0 URANIUM	0.0565	0.0519	mg/L	200.8	109	90-110	QCS	
	0 BERYLLIUM	0.0422	0.04	mg/L	200.8	106	90-110	QCS	
245.1_240605	0 MERCURY	0.00248	0.00254	mg/L	245.1	98	90-110	QCS	
300.1_240528A	0 BROMATE	0.0100	0.01	mg/L	300.1	100	85-115	QCS	
	0 CHLORITE	0.0198	0.02	mg/L	300.1	99	85-115	QCS	
504_240610	0 1,2 - DIBROMOETHANE (EDB)	0.90	1.04	ug/L	504.1	87	70-130	QCS	
	0 1,2,3 - TRICHLOROPROPANE	1.59	1.92	ug/L	504.1	83	70-130	QCS	
	0 DIBROMOCHLOROPROPANE (DBCP)	0.93	1.17	ug/L	504.1	79	70-130	QCS	
531_240613	1 CARBOFURAN	52.3	63.3	ug/L	531.2	83	70-130	QCS	
	1 OXAMYL (VYDATE)	52.6	63.2	ug/L	531.2	83	70-130	QCS	
CI_240528A	0 FREE CHLORINE RESIDUAL	1.37	1.40	mg/L	SM4500-Cl G	98	90-110	QCS	
Color_240528	0 COLOR	10	10	CU	SM2120 B	100	90-110	QCS	
EC_240528R	0 ELECTRICAL CONDUCTIVITY	142	146.9	uS/cm	SM2510 B	97	90-110	QCS	
IC06_240528A	0 CHLORIDE	6.1	6	mg/L	300.0	102	90-110	QCS	
	0 SULFATE	29.0	30	mg/L	300.0	97	90-110	QCS	
	0 FLUORIDE	4.01	4	mg/L	300.0	100	90-110	QCS	
	0 NITRATE-N	6.00	6	mg/L	300.0	100	90-110	QCS	
	0 NITRITE-N	6.10	6	mg/L	300.0	102	90-110	QCS	
	0 TOTAL NITRATE+NITRITE as N	12.10	12	mg/L	300.0	101	90-110	QCS	

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

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SAMPLE INDEPENDENT QUALITY CONTROL REPORT

Reference Number: **24-14821**

Report Date: 06/28/24

Batch	Analyte	Result	True Value	Units	Method	% Recovery	Limits*	QC Qualifier Type	QC Comment
Quality Control Sample									
TDS_240531	0 TOTAL DISSOLVED SOLIDS (TDS)	486	500	mg/L	SM2540 C	97	80-120	QCS	
	0 TOTAL DISSOLVED SOLIDS (TDS)	496	500	mg/L	SM2540 C	99	80-120	QCS	
Turb_240528	0 TURBIDITY	1.02	1	NTU	180.1	102	90-110	QCS	

*Notation:

% Recovery = (Result of Analysis)/(True Value) * 100

NA = Indicates % Recovery could not be calculated.

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