



Burlington, WA Corporate Laboratory (a)
1620 S Walnut St - Burlington, WA 98233 - 800.755.9295 • 360.757.1400

Bellingham, WA Microbiology (b)
805 Orchard Dr Ste 4 - Bellingham, WA 98225 - 360.715.1212

Portland, OR Microbiology/Chemistry (c)
9150 SW Pioneer Ct Ste W - Wilsonville, OR 97070 - 503.682.7802

Corvallis, OR Microbiology/Chemistry (d)
1100 NE Circle Blvd, Ste 130 - Corvallis, OR 97330 - 541.753.4946

Bend, OR Microbiology (e)
20332 Empire Blvd Ste 4 - Bend, OR 97701 - 541.639.8425



Data Report

Client Name: Hillsboro, City of
150 E. Main Street
Hillsboro, OR 97123

Reference Number: **22-11034**
Project: Semi-Annual Joint Water
Commission - Finished

Report Date: 5/20/22

Date Received: 3/31/22

Approved by: anp,bj,crc,jnr,ljh,mcs,pap,rlv,tjb

Authorized by:

Thanh B Phan
Lab Manager, Portland

Sample Description: 14412 - #1 - JWC FW										Sample Date: 3/31/22 3:22 pm		
Lab Number: 21620		Sample Comment: Cl2: 1.31								Collected By: JA/SM		
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment
E-10617	TURBIDITY	ND	0.10		NTU	1.0	180.1	c	4/1/22	RLV	cturb_220401	
7429-90-5	*ALUMINUM	ND	0.010	0.004	mg/L	1.0	200.7	a	4/5/22	BJ	200.7_220405A	
7440-70-2	*CALCIUM	10.0	0.5	0.03	mg/L	1.0	200.7	a	4/5/22	BJ	200.7_220405A	
7440-48-4	*COBALT	ND	0.001	0.0005	mg/L	1.0	200.7	a	4/5/22	BJ	200.7_220405A	
7439-95-4	MAGNESIUM	3.2	0.500	0.04	mg/L	1.0	200.7	a	4/5/22	BJ	200.7_220405A	
7439-98-7	*MOLYBDENUM	ND	0.010	0.006	mg/L	1.0	200.7	a	4/5/22	BJ	200.7_220405A	
7440-09-7	POTASSIUM	ND	1.0	0.02	mg/L	1.0	200.7	a	4/5/22	BJ	200.7_220405A	
7631-86-9	SILICA	18.5	0.05	0.015	mg/L	1.0	200.7	a	4/5/22	BJ	200.7_220405A	
14808-79-8	SULFATE	19.8	0.2	0.025	mg/L	1.0	300.0	a	4/6/22	CRC	IC05_220406A	
7664-41-7	*AMMONIA-N	ND	0.01	0.00846	mg/L	1.0	350.1	a	4/20/22	TJB	350.1_220420	
E-10264	*TOTAL KJELDAHL NITROGEN	0.10 J	0.20	0.0585	mg/L	1.0	351.2	a	4/22/22	CRC	351.2_220422	
E-10264	*TOTAL ORGANIC NITROGEN	0.10	0.50		mg/L	1.0	351.2	a	4/22/22	CRC	TON_220422	
NA	*SURFACTANTS	ND	0.050	0.1	mg/L	1.0	425.1		4/1/22	AGG	ALEXIN_220401	Analyzed by Alexin
E-10162	*TOTAL SUSPENDED SOLIDS	ND NN	2.67		mg/L	1.0	I-3765-85	c	4/4/22	PAP	ctss_220404	
NA	*CORROSIVITY	-1.68			SI	1.0	SM203	a	4/19/22	BJ	COR_220419A	
E-11734	*ODOR	5 N1	1		TON	1.0	SM2150		4/1/22	RLV	codor_220401	Temperature: 38.8
NA	*BICARBONATE	36.1	2		mg CaCO3/L	2.0	SM2320 B	a	4/6/22	ADL	ALK_220406	
NA	*CARBONATE	ND	2		mgCaCO3/L	2.0	SM2320 B	a	4/6/22	ADL	ALK_220406	
NA	*HYDROXIDE	ND	2		mg CaCO3/L	2.0	SM2320 B	a	4/6/22	ADL	ALK_220406	
E-14506	*PHENOLPHTHALEIN ALKALINITY	ND	2		mg CaCO3/L	2.0	SM2320 B	a	4/6/22	ADL	ALK_220406	
	*NONCARBONATE HARDNESS	2.1	3.30		mg/L	1.0	SM2340 B	a	4/19/22	BJ	CO2_220419A	
E-10151	*TOTAL SOLIDS	96.5	2		mg/L	1.0	SM2540 B	c	4/12/22	PAP	cts_220412	
	*VOLATILE SOLIDS	23.5	2		mg/L	1.0	SM2540 E		4/14/22	PAP	cvs_220412	
124-38-9	*CARBON DIOXIDE	34.2	0.5		mg/L	1.0	SM4500-CO2 D	a	4/19/22	BJ	CO2_220419A	Free CO2 = 2.39mg/L

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.

PQL = Practical Quantitation Limit is the lowest level that can be achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

D.F. = Dilution Factor

An "" indicates it is not NELAP accredited though method requirements have been met unless noted in cover letter or case narrative.

These test results meet all the requirements of NELAC, unless otherwise stated in writing, and relate only to these samples. Estimates of uncertainty are not included in this report. If this information is required please contact us at the phone number listed in the report header.

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

Form: mult_or.rpt

Data Report

Sample ID	Parameter	Value	Units	Method	Temp (C)
E-10139	*HYDROGEN ION (pH)	7.48 H5	pH Units	SM4500-H+ B	21.5
14265-44-2	ORTHO-PHOSPHATE	ND	mg/L	SM4500-P F	
E-10195	TOTAL ORGANIC CARBON	1.04	mg/L	SM5310 B	
NA	*TANNIN AND LIGNIN	ND	mg/L	SM5550	
E-10173	TOTAL DISSOLVED SOLIDS (TDS)	98	mg/L	SM2540 C/FILTER	
E-10195	*DISSOLVED ORGANIC CARBON	1.11	mg/L	SM5310 B/FILTER	
7723-14-0	*TOTAL PHOSPHORUS	0.0042 J	mg/L	SM4500-P F/SM4500-P B(5)	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.

PQL = Practical Quantitation Limit is the lowest level that can be achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

D.F. = Dilution Factor

An "*" indicates it is not NELAP accredited though method requirements have been met unless noted in cover letter or case narrative.

These test results meet all the requirements of NELAC, unless otherwise stated in writing, and relate only to these samples. Estimates of uncertainty are not included in this report. If this information is required please contact us at the phone number listed in the report header.