



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 (d)	540 SW Third Street	Corvallis, OR 97333	541.753.4946



Data Report

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

Reference Number: **15-15801**
Project: Semi-Annual Joint Water
Commission

Report Date: 9/9/15

Date Received: 8/3/15

Approved by: ajs,bj,cpo,mmh,mvp,sps

Authorized by:

Patrick Miller, MS
QA Officer

Sample Description: Site ID #1 - JWTP FW Hose - Site ID #1										Sample Date: 8/3/15 8:55 am		
Lab Number: 35201		Sample Comment: Cl2: 0.93					Collected By: Brian monnin					
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment
7429-90-5	*ALUMINUM	0.01	0.010	0.004	mg/L	1.0	200.7	a	8/6/15	BJ	200.7_150806A	
7440-70-2	*CALCIUM	6.3	0.5	0.009	mg/L	1.0	200.7	a	8/6/15	BJ	200.7_150806A	
7440-48-4	*COBALT	ND	0.001	0.0006	mg/L	1.0	200.7	a	8/6/15	BJ	200.7_150806A	
E-11778	HARDNESS as Calcium Carbonate	24.0	3.30	0.01	mg/L	1.0	200.7	a	8/6/15	BJ	200.7_150806A	
7439-89-6	IRON	ND	0.050	0.0012	mg/L	1.0	200.7	a	8/6/15	BJ	200.7_150806A	
7439-95-4	MAGNESIUM	2.0	0.500	0.001	mg/L	1.0	200.7	a	8/6/15	BJ	200.7_150806A	
7439-98-7	*MOLYBDENUM	ND	0.010	0.005	mg/L	1.0	200.7	a	8/6/15	BJ	200.7_150806A	
7440-09-7	*POTASSIUM	ND	0.5	0.1	mg/L	1.0	200.7	a	8/6/15	BJ	200.7_150806A	
7631-86-9	*SILICA	15.5	0.05	0.003	mg/L	1.0	200.7	a	8/6/15	BJ	200.7_150806A	
7440-50-8	COPPER	ND	0.005	2.45E-05	mg/L	1.0	200.8	a	8/14/15	BJ	200.8_150814	
7439-96-5	MANGANESE	ND	0.001	1.19E-05	mg/L	1.0	200.8	a	8/14/15	BJ	200.8_150814	
7440-22-4	SILVER	ND	0.010	9.14E-06	mg/L	1.0	200.8	a	8/14/15	BJ	200.8_150814	
7440-66-6	ZINC	ND	0.005	7.13E-05	mg/L	1.0	200.8	a	8/14/15	BJ	200.8_150814	
16887-00-6	CHLORIDE	4	0.10	0.0211	mg/L	1.0	300.0	a	8/5/15	MMH	I150804A	
14808-79-8	SULFATE	11	0.2	0.0174	mg/L	1.0	300.0	a	8/5/15	MMH	I150804A	
7664-41-7	*AMMONIA	0.01	0.01	0.0031	mg/L	1.0	350.1	a	8/10/15	SPS	350.1_150810	
E-10264	*TOTAL KJELDAHL NITROGEN	ND	0.20	0.0031	mg/L	1.0	351.2	a	8/11/15	SPS	351.2_150811	
E-10264	*TOTAL ORGANIC NITROGEN	ND	0.20	0.0031	mg/L	1.0	351.2	a	8/11/15	SPS	351.2_150811	
NA	*SURFACTANTS	ND		0.1	mg/L	1.0	425.1		8/4/15	AA	CMBAS_150804	
E-10162	*TOTAL SUSPENDED SOLIDS	ND NN	2	1	mg/L	0.5	I-3765-85	c	8/10/15	AJS	CTSS_150810	
NA	*CORROSIVITY	-1.97			SI	1.0	SM203	a	8/17/15	MVP	COR_150817	
E-11734	*ODOR	2.6 N1	1	1	TON	1.0	SM2150	a	8/4/15	ANP	ODOR_150804	Temperature: 41.5
E-14506	*ALKALINITY	32	1.00		mg CaCO3/L	1.0	SM2320 B	a	8/17/15	MVP	ALK_150817	
E-14506	ALKALINITY	32	1.00		mg CaCO3/L	1.0	SM2320 B	a	8/17/15	MVP	ALK_150817	

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 * in front of the parameter name indicates it is not NELAP accredited but it is accredited through WSDOH or USEPA Region 10.

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.

Data Report

NA	*BICARBONATE	32	1.00		mg CaCO ₃ /L	1.0	SM2320 B	a	8/17/15	MVP	ALK_150817
NA	*CARBONATE	ND	1.00		mgCaCO ₃ /L	1.0	SM2320 B	a	8/17/15	MVP	ALK_150817
NA	*HYDROXIDE	ND	1.00		mg CaCO ₃ /L	1.0	SM2320 B	a	8/17/15	MVP	ALK_150817
E-14506	*PHENOLPHTHALEIN ALKALINITY	ND	1.00		mg CaCO ₃ /L	1.0	SM2320 B	a	8/17/15	MVP	ALK_150817
	*NONCARBONATE HARDNESS	ND	3.30		mg/L	1.0	SM2340 B	a	8/6/15	BJ	200.7_150806A
E-10151	*TOTAL SOLIDS-WATER	72	10		mg/L	1.0	SM2540 B	a	8/5/15	MMH	SM2540B_150805
E-10173	TOTAL DISSOLVED SOLIDS (TDS)	65	10		mg/L	1.0	SM2540 C	a	8/4/15	MMH	TDS_150804
E-10151	*VOLATILE SOLIDS	12	10		mg/L	1.0	SM2540 E	a	8/5/15	MMH	VS_150805
124-38-9	*CARBON DIOXIDE	2.32			mg/L	1.0	SM4500-CO2 D	a	9/1/15	mvp	CO2_150901
E-10139	*HYDROGEN ION (pH)	7.44			pH Units	1.0	SM4500-H+ B	c	8/4/15	MMH	PH_150804
14265-44-2	ORTHO-PHOSPHATE	0.03	0.01	0.005	mg/L	1.0	SM4500-P F	c	8/4/15	CPO	CPO4_150804
E-10195	TOTAL ORGANIC CARBON	0.53	0.15	0.05	mg/L	1.0	SM5310 B	a	8/12/15	BJ	TOC_150811
NA	*TANNIN AND LIGNIN	ND	0.5		mg/L	1.0	SM5550	a	8/14/15	MMH	TANNINS_150814
E-10195	*DISSOLVED ORGANIC CARBON	0.73	0.50	0.064	mg/L	1.0	SM5310 B/FILTER	a	8/12/15	BJ	TOC_150811
7723-14-0	*TOTAL PHOSPHORUS	ND	0.010	0.006	mg/L	1.0	SM4500-P F/SM4500-P B(5)	a	8/7/15	ANP	TPHOS_150807

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 * in front of the parameter name indicates it is not NELAP accredited but it is accredited through WSDOH or USEPA Region 10.

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.