



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

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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



INORGANIC COMPOUNDS (IOC) REPORT

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

Reference Number: 20-00362
Project: ASR Monitoring

System Name:
System ID Number:
Source Number:
Multiple Sources:
Sample Type:
Sample Purpose: Investigative or Other
Sample Location: JWC-FW
County:

Sample Number: 1
Lab Number: 20_00642
Collect Date: 1/6/20 08:52
Date Received: 1/6/20
Report Date: 1/23/20
Sampled By: JA/IR
Sampler Phone:
Approved by: ajw,bj,bsp,jal,svl
Authorized by:

Thanh B Phan
Lab Manager, Portland

EPA#	ANALYTES	RESULTS	UNITS	LRL	MCL	Analyst	Lab Code*	METHOD	Analyzed	COMMENT
1920	*ODOR	3.4 H1	TON	1		bsp		SM2150	01/08/20	Temperature: 39.1
1067	ALKALINITY	27.3	mg CaCO3/	1.00		srs	4072 a	SM2320 B	01/11/20	
	*BORON	ND	mg/L	0.050		bj	4072 a	200.7	01/08/20	
1038	TOTAL NITRATE/NITRITE	0.64	mg/L	0.01		jal	OR100063 c	SM4500-NO3 F	01/07/20	
1041	NITRITE-N	ND	mg/L	0.005		jal	OR100063 c	SM4500-NO3 F	01/07/20	
1005	ARSENIC	ND	mg/L	0.001	0.010	bj	4072 a	200.8	01/09/20	
1040	NITRATE-N	0.64	mg/L	0.005	10	jal	OR100063 c	SM4500-NO3 F	01/07/20	
1010	BARIUM	0.0039	mg/L	0.001	2	bj	4072 a	200.8	01/09/20	
1015	CADMIUM	ND	mg/L	0.001	0.005	bj	4072 a	200.8	01/09/20	
1020	CHROMIUM	ND	mg/L	0.001	0.1	bj	4072 a	200.8	01/09/20	
1035	MERCURY	ND	mg/L	0.0002	0.002	ajw	4072 a	245.1	01/10/20	
1045	SELENIUM	ND	mg/L	0.002	0.05	bj	4072 a	200.8	01/09/20	
1075	BERYLLIUM	ND	mg/L	0.0003	0.004	bj	4072 a	200.8	01/09/20	
1036	NICKEL	ND	mg/L	0.001		bj	4072 a	200.8	01/09/20	
1074	ANTIMONY	ND	mg/L	0.001	0.006	bj	4072 a	200.8	01/09/20	
1085	THALLIUM	ND	mg/L	0.0001	0.002	bj	4072 a	200.8	01/09/20	
1024	CYANIDE, AVAILABLE	ND	mg/L	0.01	0.2	bsp	4072 a	OIA-1677-DW	01/17/20	
1025	FLUORIDE	ND	mg/L	0.10	4	ajw	4072 a	300.0	01/08/20	
	*BICARBONATE	27.3	mg CaCO3/	1		srs	4072 a	SM2320 B	01/11/20	
	*HYDROXIDE	ND	mg CaCO3/	1		srs	4072 a	SM2320 B	01/11/20	
	*CARBONATE	ND	mgCaCO3/L	1		srs	4072 a	SM2320 B	01/11/20	
1905	COLOR	ND	Color Units	5	15	svl	OR100063 c	SM2120 B	01/07/20 11:10	pH: 5.5
1028	IRON	ND	mg/L	0.050	0.3	bj	4072 a	200.7	01/08/20	

NOTES:
 ND (Not Detected): indicates that the parameter was not detected above the Lower Reporting limit (LRL).
 MCL (Maximum Contaminant Level) maximum permissible level of a contaminant in water established by EPA; Federal Action Levels are 0.015 mg/L for Lead and 1.3 mg/L for Copper. Sodium has a recommended limit of 20 mg/L. A blank MCL value indicates a level is not currently established.
 * Lab Code - lists the laboratory accreditation code plus a letter at the far right to indicate the Edge Analytical lab facility where the analyses was performed.

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 NELAP, 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.

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Date Received: 1/6/20
Report Date: 1/23/20
Sampled By: JA/IR
Sampler Phone:
Approved by: ajw,bj,bsp,jal,svl
Authorized by:

Thanh B Phan
Lab Manager, Portland

EPA#	ANALYTES	RESULTS	UNITS	LRL	MCL	Analyst	Lab Code*	METHOD	Analyzed	COMMENT
1032	MANGANESE	ND	mg/L	0.001	0.05	bj	4072 a	200.8	01/09/20	
1050	SILVER	ND	mg/L	0.001	0.05	bj	4072 a	200.8	01/13/20	
1017	CHLORIDE	5.5	mg/L	0.1	250	ajw	4072 a	300.0	01/08/20	
1055	SULFATE	10.7	mg/L	0.2	250	ajw	4072 a	300.0	01/08/20	
1095	ZINC	ND	mg/L	0.005	5	bj	4072 a	200.8	01/09/20	
1052	SODIUM	8.4	mg/L	1.0		bj	4072 a	200.7	01/08/20	
1915	HARDNESS as Calcium Carbonate	26.0	mg/L	3.30		bj	4072 a	200.7	01/08/20	
1057	TOTAL DISSOLVED SOLIDS (TDS)	73	mg/L	10	500	ajw	4072 a	SM2540 C	01/15/20	
	SILICA	15.3	mg/L	0.05		bj	4072 a	200.7	01/08/20	
	POTASSIUM	ND	mg/L	1.0		bj	4072 a	200.7	01/08/20	
	*MAGNESIUM	2.2	mg/L	0.500		bj	4072 a	200.7	01/08/20	
	ALUMINUM	ND	mg/L	0.010	0.2	bj	4072 a	200.7	01/08/20	
	CALCIUM	6.8	mg/L	0.500		bj	4072 a	200.7	01/08/20	
	*MOLYBDENUM	ND	mg/L	0.010		bj	4072 a	200.7	01/08/20	
	*STRONTIUM	0.035	mg/L	0.001		bj	4072 a	200.7	01/08/20	
	*COBALT	ND	mg/L			bj	4072 a	200.8	01/09/20	
	*TOTAL SUSPENDED SOLIDS	ND NN	mg/L	2		svl	OR100063 c	I-3765-85	01/09/20	
	*TOTAL PHOSPHORUS	ND	mg/L	0.010		bsp	4072 a	SM4500-P F	01/09/20	
2920	TOTAL ORGANIC CARBON	0.71	mg/L	0.15		bj	4072 a	SM5310 B	01/10/20	
	*AMMONIA-N	ND	mg/L	0.010		bsp	4072 a	350.1	01/17/20	
	State Unregulated									
1030	LEAD	ND	mg/L	0.001	0.015	bj	4072 a	200.8	01/09/20	
1022	COPPER	ND	mg/L	0.005	1.3	bj	4072 a	200.8	01/09/20	

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