



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)
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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

INORGANIC COMPOUNDS (IOC) REPORT

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

Reference Number: 19-45435
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: 19_87851
Collect Date: 12/2/19 08:50
Date Received: 12/2/19
Report Date: 12/18/19
Sampled By: JA/IR
Sampler Phone:
Approved by: ajw,bj,bsp,jal,tbp
Authorized by:

Thanh B Phan
Lab Manager, Portland

EPA#	ANALYTES	RESULTS	UNITS	LRL	MCL	Analyst	Lab Code*	METHOD	Analyzed	COMMENT
1920	ODOR	6.8 N1	TON	1		bsp		SM2150	12/03/19	Temperature: 42.0
1067	ALKALINITY	33.9	mg CaCO3/	1.00		srs	4072 a	SM2320 B	12/07/19	
1038	TOTAL NITRATE/NITRITE	0.08	mg/L	0.01		svl	OR100063 c	SM4500-NO3 F	12/03/19	
1041	NITRITE-N	ND	mg/L	0.005		svl	OR100063 c	SM4500-NO3 F	12/03/19	
1005	ARSENIC	ND	mg/L	0.001	0.010	bj	4072 a	200.8	12/04/19	
1040	NITRATE-N	0.08	mg/L	0.005	10	svl	OR100063 c	SM4500-NO3 F	12/03/19	
1010	BARIUM	0.0036	mg/L	0.001	2	bj	4072 a	200.8	12/04/19	
1015	CADMIUM	ND	mg/L	0.001	0.005	bj	4072 a	200.8	12/04/19	
1020	CHROMIUM	ND	mg/L	0.001	0.1	bj	4072 a	200.8	12/04/19	
1035	MERCURY	ND	mg/L	0.0002	0.002	ajw	4072 a	245.1	12/05/19	
1045	SELENIUM	ND	mg/L	0.002	0.05	bj	4072 a	200.8	12/04/19	
1075	BERYLLIUM	ND	mg/L	0.0003	0.004	bj	4072 a	200.8	12/04/19	
1036	NICKEL	ND	mg/L	0.001		bj	4072 a	200.8	12/04/19	
1074	ANTIMONY	ND	mg/L	0.001	0.006	bj	4072 a	200.8	12/04/19	
1085	THALLIUM	ND	mg/L	0.0001	0.002	bj	4072 a	200.8	12/04/19	
1024	CYANIDE, AVAILABLE	ND	mg/L	0.01	0.2	bsp	4072 a	OIA-1677-DW	12/16/19	
1025	FLUORIDE	ND	mg/L	0.10	4	bj	4072 a	300.0	12/03/19	
1057	EPA Regulated (Secondary)									
	TOTAL DISSOLVED SOLIDS (TDS)	81	mg/L	10		ajw	4072 a	SM2540 C	12/10/19	
	BICARBONATE	33.9	mg CaCO3/	1		srs	4072 a	SM2320 B	12/07/19	
	HYDROXIDE	ND	mg CaCO3/	1		srs	4072 a	SM2320 B	12/07/19	
	CARBONATE	ND	mgCaCO3/L	1		srs	4072 a	SM2320 B	12/07/19	
1905	COLOR	ND	Color Units	5	15	svl	OR100063 c	SM2120 B	12/03/19 13:51	pH: 5.5
1028	IRON	ND	mg/L	0.050	0.3	bj	4072 a	200.7	12/04/19	

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.

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



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Sample Number: 1
 Lab Number: 19_87851
 Collect Date: 12/2/19 08:50
 Date Received: 12/2/19
 Report Date: 12/18/19
 Sampled By: JA/IR
 Sampler Phone:
 Approved by: ajw,bj,bsp,jal,tbp
 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	12/04/19	
1050	SILVER	ND	mg/L	0.001	0.05	bj	4072 a	200.8	12/04/19	
1017	CHLORIDE	6.8	mg/L	0.1	250	bj	4072 a	300.0	12/03/19	
1055	SULFATE	12	mg/L	0.2	250	bj	4072 a	300.0	12/03/19	
1095	ZINC	ND	mg/L	0.005	5	bj	4072 a	200.8	12/04/19	
1052	SODIUM	10.0	mg/L	1.0		bj	4072 a	200.7	12/04/19	
1915	HARDNESS as Calcium Carbonate	34.7	mg/L	3.30		bj	4072 a	200.7	12/04/19	
1057	TOTAL DISSOLVED SOLIDS (TDS)	90	mg/L	10	500	ajw	4072 a	SM2540 C	12/05/19	
	SILICA	15.6	mg/L	0.05		bj	4072 a	200.7	12/04/19	
	MAGNESIUM	2.9	mg/L	0.500		bj	046 a	200.7	12/04/19	
	ALUMINUM	ND	mg/L	0.010	0.2	bj	4072 a	200.7	12/04/19	
	CALCIUM	9.1	mg/L	0.500		bj	4072 a	200.7	12/04/19	
	POTASSIUM	ND	mg/L	1.0		bj	4072 a	200.7	12/04/19	
	TOTAL SUSPENDED SOLIDS	ND NN	mg/L	2		svl	OR100063 c	I-3765-85	12/05/19	
	TOTAL PHOSPHORUS	ND	mg/L	0.010		bsp	C567 a	SM4500-P F	12/04/19	
2920	TOTAL ORGANIC CARBON	0.64	mg/L	0.15		bj	4072 a	SM5310 B	12/07/19	
	AMMONIA-N	0.04	mg/L	0.010		bsp	4072 a	350.1	12/05/19	
	State Unregulated									
1030	LEAD	ND	mg/L	0.001	0.015	bj	4072 a	200.8	12/04/19	
1022	COPPER	ND	mg/L	0.005	1.3	bj	4072 a	200.8	12/04/19	

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