



Burlington, WA Corporate Laboratory (a)  
 1620 S Walnut St - Burlington, WA 98233 - 800.755.9295 • 360.757.1400  
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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: 20-14091  
 Project: ASR Monitoring Geochemicals/IO

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\_27157  
 Collect Date: 5/4/20 08:14  
 Date Received: 5/4/20  
 Report Date: 5/12/20  
 Sampled By: JA/IR  
 Sampler Phone:  
 Approved by: ajw,bj,bsp,jal,jdn  
 Authorized by:

EPA#	ANALYTES	RESULTS	UNITS	LRL	MCL	Analyst	Lab Code*	METHOD	Analyzed	COMMENT
1067	<b>Other</b> ALKALINITY	<b>36.5</b>	mg CaCO3/	1.00		srs	4072 a	SM2320 B	05/09/20	
1038	TOTAL NITRATE/NITRITE	<b>0.14</b>	mg/L	0.01		jal	OR100063 c	SM4500-NO3 F	05/05/20	
1010	BARIUM	<b>0.0042</b>	mg/L	0.001	2	bj	4072 a	200.7	05/05/20	
1041	NITRITE-N	<b>ND</b>	mg/L	0.005		jal	OR100063 c	SM4500-NO3 F	05/05/20	
1005	ARSENIC	<b>ND</b>	mg/L	0.001	0.010	ajw	4072 a	200.8	05/05/20	
1040	NITRATE-N	<b>0.14</b>	mg/L	0.005	10	jal	OR100063 c	SM4500-NO3 F	05/05/20	
1015	CADMIUM	<b>ND</b>	mg/L	0.001	0.005	ajw	4072 a	200.8	05/05/20	
1020	CHROMIUM	<b>ND</b>	mg/L	0.001	0.1	ajw	4072 a	200.8	05/05/20	
1035	MERCURY	<b>ND</b>	mg/L	0.0002	0.002	ajw	4072 a	245.1	05/07/20	
1045	SELENIUM	<b>ND</b>	mg/L	0.002	0.05	ajw	4072 a	200.8	05/05/20	
1075	BERYLLIUM	<b>ND</b>	mg/L	0.0003	0.004	ajw	4072 a	200.8	05/05/20	
1036	NICKEL	<b>ND</b>	mg/L	0.001		ajw	4072 a	200.8	05/05/20	
1074	ANTIMONY	<b>ND</b>	mg/L	0.001	0.006	ajw	4072 a	200.8	05/05/20	
1085	THALLIUM	<b>ND</b>	mg/L	0.0001	0.002	ajw	4072 a	200.8	05/05/20	
1024	CYANIDE, AVAILABLE	<b>ND</b>	mg/L	0.01	0.2	bsp	4072 a	OIA-1677-DW	05/05/20	
1025	FLUORIDE	<b>ND</b>	mg/L	0.10	4	bsp	4072 a	300.0	05/06/20	
	*CARBONATE	<b>ND</b>	mgCaCO3/L	1		srs	4072 a	SM2320 B	05/09/20	
	*BICARBONATE	<b>36.5</b>	mg CaCO3/	1		srs	4072 a	SM2320 B	05/09/20	
	*HYDROXIDE	<b>ND</b>	mg CaCO3/	1		srs	4072 a	SM2320 B	05/09/20	
1905	COLOR	<b>ND</b>	Color Units	5	15	bsp	OR100063 c	SM2120 B	05/05/20 15:22	pH:6
1028	IRON	<b>ND</b>	mg/L	0.050	0.3	bj	4072 a	200.7	05/05/20	
1032	MANGANESE	<b>ND</b>	mg/L	0.001	0.05	ajw	4072 a	200.8	05/05/20	
1050	SILVER	<b>ND</b>	mg/L	0.001	0.05	ajw	4072 a	200.8	05/05/20	

**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.

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



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EPA#	ANALYTES	RESULTS	UNITS	LRL	MCL	Analyst	Lab Code*	METHOD	Analyzed	COMMENT
1017	CHLORIDE	6.4	mg/L	0.1	250	bsp	4072 a	300.0	05/06/20	
1055	SULFATE	17.0	mg/L	0.2	250	bsp	4072 a	300.0	05/06/20	
1095	ZINC	ND	mg/L	0.005	5	ajw	4072 a	200.8	05/05/20	
1052	SODIUM	11.7	mg/L	1.0		bj	4072 a	200.7	05/05/20	
1915	HARDNESS as Calcium Carbonate	34.8	mg/L	3.30		bj	4072 a	200.7	05/05/20	
1057	TOTAL DISSOLVED SOLIDS (TDS)	91	mg/L	10	500	ajw	4072 a	SM2540 C	05/06/20	
	*TOTAL SUSPENDED SOLIDS	ND NN	mg/L	2		jdn	OR100063 c	I-3765-85	05/08/20	
	<b>State Unregulated</b>									
1030	LEAD	ND	mg/L	0.001	0.015	ajw	4072 a	200.8	05/05/20	
1022	COPPER	ND	mg/L	0.005	1.3	ajw	4072 a	200.8	05/05/20	

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