



Burlington, WA Corporate Laboratory (a)
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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: 20-11049
Project: Semi-Annual Joint Water Commis

System Name: HILLSBORO-CHERRY GROVE
System ID Number: 4100379
Source Number:
Multiple Sources:
Sample Type: A - After treatment
Sample Purpose: C - Compliance
Sample Location: JWTP FW Hose
County: Washington

Sample Number: Site ID #1
Lab Number: 20_21522
Collect Date: 4/1/20 08:35
Date Received: 4/1/20
Report Date: 4/8/20
Sampled By: JA/IR
Sampler Phone:
Approved by: ajw,bj,bsp
Authorized by:

Thanh B Phan
Lab Manager, Portland

EPA#	ANALYTES	RESULTS	UNITS	LRL	MCL	Analyst	Lab Code*	METHOD	Analyzed	COMMENT
1042	POTASSIUM	ND	mg/L	1.0		bj	4072 a	200.7	04/07/20	
	EPA Regulated									
1005	ARSENIC	ND	mg/L	0.001	0.010	ajw	4072 a	200.8	04/03/20	
1010	BARIUM	0.0038	mg/L	0.001	2	ajw	4072 a	200.8	04/03/20	
1015	CADMIUM	ND	mg/L	0.001	0.005	ajw	4072 a	200.8	04/03/20	
1020	CHROMIUM	ND	mg/L	0.001	0.1	ajw	4072 a	200.8	04/03/20	
1035	MERCURY	ND	mg/L	0.0002	0.002	ajw	4072 a	245.1	04/07/20	
1045	SELENIUM	ND	mg/L	0.002	0.05	ajw	4072 a	200.8	04/03/20	
1075	BERYLLIUM	ND	mg/L	0.0003	0.004	ajw	4072 a	200.8	04/03/20	
1036	NICKEL	ND	mg/L	0.001		ajw	4072 a	200.8	04/03/20	
1074	ANTIMONY	ND	mg/L	0.001	0.006	ajw	4072 a	200.8	04/03/20	
1085	THALLIUM	ND	mg/L	0.0001	0.002	ajw	4072 a	200.8	04/03/20	
1024	CYANIDE, AVAILABLE	ND IM	mg/L	0.01	0.2	bsp	4072 a	OIA-1677-DW	04/07/20	
1025	FLUORIDE	ND	mg/L	0.10	4	ajw	4072 a	300.0	04/03/20	
	EPA Regulated (Secondary)									
1028	IRON	ND	mg/L	0.050	0.3	bj	4072 a	200.7	04/07/20	
1032	MANGANESE	ND	mg/L	0.001	0.05	ajw	4072 a	200.8	04/03/20	
1050	SILVER	ND	mg/L	0.001	0.05	ajw	4072 a	200.8	04/03/20	
1017	CHLORIDE	5.5	mg/L	0.1	250	ajw	4072 a	300.0	04/03/20	
1055	SULFATE	15.2	mg/L	0.2	250	ajw	4072 a	300.0	04/03/20	
1095	ZINC	0.0018	mg/L	0.005	5.00	ajw	4072 a	200.8	04/03/20	
1052	SODIUM	10.2	mg/L	1.0		bj	4072 a	200.7	04/07/20	
1915	HARDNESS as Calcium Carbonate	27.0	mg/L	3.30		bj	4072 a	200.7	04/07/20	
1057	TOTAL DISSOLVED SOLIDS (TDS)	78	mg/L	10	500	ajw	4072 a	SM2540 C	04/06/20	
	ALUMINUM	ND	mg/L	0.010	0.2	bj	4072 a	200.7	04/07/20	

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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Approved by: ajw,bj,bsp
Authorized by:

Thanh B Phan
Lab Manager, Portland

EPA#	ANALYTES	RESULTS	UNITS	LRL	MCL	Analyst	Lab Code*	METHOD	Analyzed	COMMENT
1031	MAGNESIUM	2.3	mg/L	0.500		bj	4072 a	200.7	04/07/20	
	CALCIUM	7.0	mg/L	0.500		bj	4072 a	200.7	04/07/20	
	State Unregulated									
1030	LEAD	ND	mg/L	0.001	0.015	ajw	4072 a	200.8	04/03/20	
1022	COPPER	ND	mg/L	0.005	1.3	ajw	4072 a	200.8	04/03/20	

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