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INORGANIC COMPOUNDS (IOC) REPORT

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

Reference Number: 24-32915
Project: ASR Monitoring IOC - Rush

System Name: JOINT WATER COMMISSION
System ID Number: 4100379
Source Number: EP-
Multiple Sources:
Sample Type: A - After treatment
Sample Purpose: C - Compliance
Sample Location: JWTP Finished Water - Site ID #1
County: Washington

Sample Number: 22397
Lab Number: 24_63357
Collect Date: 11/4/24 08:15
Date Received: 11/4/24
Report Date: 11/14/24
Sampled By: SS, JR
Sampler Phone:
Approved by: anp,bj,ebvp
Authorized by:

Thanh B Phan
Lab Manager, Portland

EPA#	ANALYTES	RESULTS	UNITS	LRL	MCL	Analyst	Lab Code*	METHOD	Analyzed	COMMENT
1067	Other ALKALINITY	33.4	mg CaCO ₃ /	1.0		ath	4072 a	SM2320 B	11/06/24	
	EPA Regulated									
1005	ARSENIC	ND	mg/L	0.001	0.010	bj	4072 a	200.8	11/07/24	
1010	BARIUM	0.0046	mg/L	0.001	2	bj	4072 a	200.8	11/07/24	
1015	CADMIUM	ND	mg/L	0.001	0.005	bj	4072 a	200.8	11/07/24	
1020	CHROMIUM	ND	mg/L	0.001	0.1	bj	4072 a	200.8	11/07/24	
1035	MERCURY	ND	mg/L	0.0001	0.002	ebvp	4072 a	200.8	11/05/24	
1045	SELENIUM	ND	mg/L	0.002	0.05	bj	4072 a	200.8	11/07/24	
1075	BERYLLIUM	ND	mg/L	0.0003	0.004	bj	4072 a	200.8	11/07/24	
1036	NICKEL	ND	mg/L	0.001		bj	4072 a	200.8	11/07/24	
1074	ANTIMONY	ND	mg/L	0.001	0.006	bj	4072 a	200.8	11/07/24	
1085	THALLIUM	ND	mg/L	0.0001	0.002	bj	4072 a	200.8	11/07/24	
1024	CYANIDE, AVAILABLE	ND	mg/L	0.005	0.2	mso	4072 a	OIA-1677-DW	11/07/24	
1025	FLUORIDE	ND	mg/L	0.10	4	ebvp	4072 a	300.0	11/05/24	
	EPA Regulated (Secondary)									
1028	IRON	ND	mg/L	0.050	0.3	bj	4072 a	200.7	11/08/24	
1032	MANGANESE	ND	mg/L	0.001	0.05	bj	4072 a	200.8	11/07/24	
1050	SILVER	ND	mg/L	0.001	0.05	bj	4072 a	200.8	11/12/24	
1017	CHLORIDE	7.3	mg/L	0.1	250	ebvp	4072 a	300.0	11/05/24	
1095	ZINC	ND	mg/L	0.005	5.00	bj	4072 a	200.8	11/07/24	
1052	SODIUM	11.3	mg/L	1.0		bj	4072 a	200.7	11/08/24	
1915	HARDNESS as Calcium Carbonate	37.0	mg/L	3.30		bj	4072 a	200.7	11/08/24	
	State Unregulated									
1030	LEAD	ND	mg/L	0.001	0.015	bj	4072 a	200.8	11/07/24	
1022	COPPER	ND	mg/L	0.005	1.3	bj	4072 a	200.8	11/07/24	

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.