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Data Report

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

Reference Number: **23-33888**
Project: Semi-Annual Joint Water
Commission

Report Date: 12/26/23

Date Received: 11/6/23

Approved by: anp,bj,mcs,pap,pdk,smv,tjb

Authorized by:

Thanh B Phan
Lab Manager, Portland

Sample Description: 19354 - JWTP Finished Water - Site ID #1	Sample Date: 11/6/23 8:29 am
Lab Number: 67462 Sample Comment:	Collected By: SS/JR

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment
E-10617	TURBIDITY	0.30	0.10		NTU	1.0	180.1	c	11/7/23	SMV	cturb_231107	
7429-90-5	*ALUMINUM	ND	0.010	0.007	mg/L	1.0	200.7	a	11/10/23	BJ	200.7_231110A5	
7440-70-2	*CALCIUM	8.5	0.5	0.006	mg/L	1.0	200.7	a	11/10/23	BJ	200.7_231110A5	
7440-48-4	*COBALT	ND	0.001	0.001	mg/L	1.0	200.7	a	11/10/23	BJ	200.7_231110A5	
E-11778	HARDNESS as Calcium Carbonate	31.9	1.0	0.1	mg/L	1.0	200.7	a	11/10/23	BJ	200.7_231110A5	
7439-95-4	MAGNESIUM	2.6	0.500	0.001	mg/L	1.0	200.7	a	11/10/23	BJ	200.7_231110A5	
7439-98-7	*MOLYBDENUM	ND	0.01	0.002	mg/L	1.0	200.7	a	11/10/23	BJ	200.7_231110A5	
7440-09-7	POTASSIUM	0.8	1.0	0.06	mg/L	1.0	200.7	a	11/10/23	BJ	200.7_231110A5	
7631-86-9	SILICA	16.5	0.05	0.01	mg/L	1.0	200.7	a	11/10/23	BJ	200.7_231110A5	
14808-79-8	SULFATE	17.3	0.2	0.0359	mg/L	1.0	300.0	a	11/13/23	JWN	IC05_231113A	
7664-41-7	*AMMONIA-N	0.0067 J	0.01	0.0066	mg/L	1.0	350.1	a	11/27/23	TJB	350.1_231127	
E-10264	*TOTAL KJELDAHL NITROGEN	ND	0.20	0.0267	mg/L	1.0	351.2	a	11/22/23	TJB	351.2_231122	
E-10264	*TOTAL ORGANIC NITROGEN	ND			mg/L	1.0	351.2	a	11/28/23	TJB	TON_231128	
NA	*SURFACTANTS	1.0	0.050	0.1	mg/L	1.0	425.1		11/8/23	AGG	Alexin_231108	Analyzed by Alexin
E-10162	*TOTAL SUSPENDED SOLIDS	ND NN	2		mg/L	1.0	I-3765-85	c	11/10/23	PAP	ctss_231110	
NA	*CORROSIVITY	-1.78			SI	1.0	SM203	a	11/20/23	BJ	COR_231120A	
E-11734	ODOR	ND	1		TON	1.0	SM2150		11/6/23	PAP	codor_231106	Temperature: 40.3
NA	*BICARBONATE	29.3	1		mg CaCO3/L	1.0	SM2320 B	a	11/13/23	EBVP	ALK_231113A	
NA	*CARBONATE	ND	1		mgCaCO3/L	1.0	SM2320 B	a	11/13/23	EBVP	ALK_231113A	
NA	*HYDROXIDE	ND	1		mg CaCO3/L	1.0	SM2320 B	a	11/13/23	EBVP	ALK_231113A	
E-14506	*PHENOLPHTHALEIN ALKALINITY	ND	1		mg CaCO3/L	1.0	SM2320 B	a	11/13/23	EBVP	ALK_231113A	
	*NONCARBONATE HARDNESS	2.6	3.30		mg/L	1.0	SM2340 B	a	11/20/23	BJ	CO2_231120A	
E-10184	ELECTRICAL CONDUCTIVITY	116.0	10	10	uS/cm	1.0	SM2510 B	c	11/9/23	PDK	cec_231109	
E-10151	*TOTAL SOLIDS	85.0	5		mg/L	1.0	SM2540 B	c	11/17/23	SMV	cts_231117	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be achieved within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor
An "*" indicates it is not NELAP accredited though method requirements have been met unless noted in cover letter or case narrative.
These test results meet all the requirements of NELAC, 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.
Form: mult_or.rpt

Data Report

E-10173	TOTAL DISSOLVED SOLIDS (TDS)	82	20		mg/L	1.0	SM2540 C	a	11/15/23	MSO	TDS_231110	
	*VOLATILE SOLIDS	18.0	2		mg/L	1.0	SM2540 E	c	11/22/23	SMV	cvs_231122	
124-38-9	*CARBON DIOXIDE	27.5	0.5		mg/L	1.0	SM4500-CO2 D	a	11/20/23	BJ	CO2_231120A	Free CO2=1.69mg/L
E-10139	*HYDROGEN ION (pH)	7.54 H5			pH Units	1.0	SM4500-H+ B	c	11/6/23	SMV	cph_231106a	Temp (C) : 20.3
14265-44-2	ORTHO-PHOSPHATE	0.01	0.01	0.0079	mg/L	1.0	SM4500-P F	c	11/7/23	PDK	cpo4_231107	
E-10195	TOTAL ORGANIC CARBON	1.49	0.15	0.1	mg/L	1.0	SM5310 B	a	11/17/23	SPM2	TOC_231113A	
NA	*TANNIN AND LIGNIN	ND	0.1		mg/L	1.0	SM5550	a	11/8/23	JWN	TANNINS_231108	
E-10195	*DISSOLVED ORGANIC CARBON	1.44	0.50	0.16	mg/L	1.0	SM5310 B/FILTER	a	11/17/23	SPM2	TOC_231113A	MB 0.20
7723-14-0	*TOTAL PHOSPHORUS-P	0.0022 J	0.010	0.0019	mg/L	1.0	SM4500-P F/SM4500-P B(5)	a	11/17/23	TJL	TPHOS_231117	

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