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Revised 2-24-2025

Data Report

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

Reference Number: **24-32902**
Project: Semi-Annual Joint Water Commission

Report Date: 1/2/25

Date Received: 11/4/24

Approved by: anp,bj,ebvp,jnm,mcs,pdk,smv

Authorized by:

Thanh B Phan
Lab Manager, Portland

Sample Description: 22396 - JWTP RW Intake Hose - Site ID E	Sample Date: 11/4/24 7:45 am
Lab Number: 63319 Sample Comment:	Collected By: SS, JR

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment
E-10617	TURBIDITY	3.76	0.10		NTU	1.0	180.1	c	11/5/24	JNM	cturb_241105	
7429-90-5	*ALUMINUM	0.14	0.010	0.0067	mg/L	1.0	200.7	a	11/8/24	BJ	200.7_241108D5	
7440-70-2	*CALCIUM	9.4	0.5	0.02	mg/L	1.0	200.7	a	11/8/24	BJ	200.7_241108D5	
E-11778	HARDNESS as Calcium Carbonate	36.2	3.30	0.1	mg/L	1.0	200.7	a	11/8/24	BJ	200.7_241108D5	
7439-89-6	IRON	0.32	0.050	0.019	mg/L	1.0	200.7	a	11/8/24	BJ	200.7_241108D5	
7439-95-4	MAGNESIUM	3.1	0.500	0.011	mg/L	1.0	200.7	a	11/8/24	BJ	200.7_241108D5	
7439-96-5	MANGANESE	0.0173	0.001	0.00097	mg/L	1.0	200.7	a	11/8/24	BJ	200.7_241108D5	
7440-09-7	POTASSIUM	ND	1.0	0.2	mg/L	1.0	200.7	a	11/8/24	BJ	200.7_241108D5	
7631-86-9	SILICA	19.2	0.05	0.03	mg/L	1.0	200.7	a	11/8/24	BJ	200.7_241108D5	
7440-48-4	*COBALT	ND	0.001	1.90E-05	mg/L	1.0	200.8	a	11/14/24	BJ	200.8_241114C4	
7440-50-8	COPPER	ND	0.005	5.00E-05	mg/L	1.0	200.8	a	11/14/24	BJ	200.8_241114C4	
7439-92-1	LEAD	0.0016	0.001	2.90E-05	mg/L	1.0	200.8	a	11/14/24	BJ	200.8_241114C4	
7439-98-7	*MOLYBDENUM	ND	0.001	0.00032	mg/L	1.0	200.8	a	11/14/24	BJ	200.8_241114C4	
7440-22-4	SILVER	ND	0.010	0.00012	mg/L	1.0	200.8	a	11/14/24	BJ	200.8_241114C4	
7440-66-6	ZINC	ND	0.005	0.00017	mg/L	1.0	200.8	a	11/14/24	BJ	200.8_241114C4	
16887-00-6	CHLORIDE	4.8	1.0	0.02	mg/L	1.0	300.0	a	11/5/24	EBVP	IC06_241105A	
14808-79-8	SULFATE	3.3	0.2	0.05	mg/L	1.0	300.0	a	11/5/24	EBVP	IC06_241105A	
7664-41-7	*AMMONIA-N	0.022	0.010	0.0066	mg/L	1.0	350.1	a	11/15/24	MSO	350.1_241115	
NA	*SURFACTANTS	ND	0.050	0.1	mg/L	1.0	425.1		11/5/24	AGG	Alexin241105	Analyzed by Alexin
E-10162	*TOTAL SUSPENDED SOLIDS	5 NN	2		mg/L	1.0	I-3765-85	c	11/8/24	PDK	ctss_241108	
NA	*CORROSIVITY	-1.89	0		SI	1.0	SM203	a	11/25/24	BJ	COR_241125A	
E-11734	ODOR	ND NN	1		TON	1.0	SM2150		11/4/24	PDK	codor_241104	Temperature: 39.7
E-14506	ALKALINITY	35.3	5.0		mg CaCO3/L	1.0	SM2320 B	a	11/6/24	ATH	ALK_241106	
NA	*BICARBONATE	35.3	1.0		mg CaCO3/L	1.0	SM2320 B	a	11/6/24	ATH	ALK_241106	

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

NA	*CARBONATE	ND	1.0		mgCaCO3/L	1.0	SM2320 B	a	11/6/24	ATH	ALK_241106	
NA	*HYDROXIDE	ND	1.0		mg CaCO3/L	1.0	SM2320 B	a	11/6/24	ATH	ALK_241106	
E-14506	*PHENOLPHTHALEIN ALKALINITY	ND	1.0		mg CaCO3/L	1.0	SM2320 B	a	11/6/24	ATH	ALK_241106	
	*NONCARBONATE HARDNESS	0.90	0.1		mg/L	1.0	SM2340 B	a	11/25/24	BJ	CO2_241125A	
E-10151	*TOTAL SOLIDS	91 NN	10		mg/L	1.0	SM2540 B	c	11/13/24	PDK	cts_241108	
E-10173	TOTAL DISSOLVED SOLIDS (TDS)	72	20		mg/L	1.0	SM2540 C	a	11/8/24	JER	TDS_241106	
	*VOLATILE SOLIDS	25 NN	10		mg/L	1.0	SM2540 E		11/19/24	PDK	cvs_241115	
124-38-9	*CARBON DIOXIDE	34.6	0.5		mg/L	1.0	SM4500-CO2 D	a	11/25/24	BJ	CO2_241125A	Free CO2=3.54mg/L
E-10139	*HYDROGEN ION (pH)	7.30 H5	0		pH Units	1.0	SM4500-H+ B	c	11/4/24	PDK	cph_241104	Temp (C) : 17.8
14265-44-2	ORTHO-PHOSPHATE	0.02	0.01	0.0051	mg/L	1.0	SM4500-P F	c	11/5/24	PDK	cpo4_241105	
E-10195	TOTAL ORGANIC CARBON	2.08	0.15	0.12	mg/L	1.0	SM5310 B	a	11/8/24	RMC	TOC_241107A3	
NA	*TANNIN AND LIGNIN	0.64	0.1		mg/L	1.0	SM5550	a	11/5/24	ATH	Tannins_241105	
E-10195	DISSOLVED ORGANIC CARBON	2.08	0.50	0.1	mg/L	1.0	SM5310 B/FILTER	a	11/8/24	RMC	TOC_241107A3	fit blk: 0.24
E-10264	*TOTAL KJELDAHL NITROGEN	0.20	0.2	0.0848	mg/L	1.0	351.2/HTD	a	11/7/24	SPM2	351.2_241107A	
E-10264	*TOTAL ORGANIC NITROGEN	0.178	0.2		mg/L	1.0	351.2/HTD	a	11/15/24	MSO	TON_241115	
7723-14-0	*TOTAL PHOSPHORUS-P	0.030	0.010	0.0036	mg/L	1.0	SM4500-P F/SM4500-P B(5)	a	12/2/24	CJK2	TPHOS_241202	

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