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Data Report

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

Reference Number: **24-32907**
Project: Semi-Annual Joint Water
Commission

Report Date: 12/31/24

Date Received: 11/4/24

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

Authorized by:

Thanh B Phan
Lab Manager, Portland

Sample Description: 22397 - JWTP Finished Water - Site ID #1										Sample Date: 11/4/24 8:15 am		
Lab Number: 63327		Sample Comment: Cl2: 1.46								Collected By: SS, JR		
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment
1746-01-6	*2,3,7,8-TCDD(DIOXIN)	ND	5	1.24	pg/L	1.0	1613		11/12/24	JF	PaceMN_241112	Analyzed by PaceMN
E-10617	TURBIDITY	ND	0.10		NTU	1.0	180.1	c	11/5/24	JNM	cturb_241105	
7429-90-5	*ALUMINUM	ND	0.010	0.004	mg/L	1.0	200.7	a	11/15/24	BJ	200.7_241115A4	
7440-70-2	*CALCIUM	9.2	0.5	0.03	mg/L	1.0	200.7	a	11/15/24	BJ	200.7_241115A4	
7439-95-4	MAGNESIUM	3.0	0.500	0.04	mg/L	1.0	200.7	a	11/15/24	BJ	200.7_241115A4	
7440-09-7	POTASSIUM	ND	1.0	0.02	mg/L	1.0	200.7	a	11/15/24	BJ	200.7_241115A4	
7631-86-9	SILICA	17.3	0.05	0.015	mg/L	1.0	200.7	a	11/15/24	BJ	200.7_241115A4	
7440-48-4	*COBALT	ND	0.001	1.90E-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	
14808-79-8	SULFATE	15.2	0.2	0.05	mg/L	1.0	300.0	a	11/7/24	EBVP	IC05_241106A	
E-10264	*TOTAL ORGANIC NITROGEN	0.097	0.2		mg/L	1.0	351.2	a	11/15/24	MSO	TON_241115	
NA	*SURFACTANTS	ND	0.050	0.1	mg/L	1.0	425.1		11/5/24	AGG	ALEXIN_241105	Analyzed by Alexin
E-10162	*TOTAL SUSPENDED SOLIDS	ND NN	2		mg/L	1.0	I-3765-85	c	11/8/24	PDK	ctss_241108	
NA	*CORROSIVITY	-1.65			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
NA	*BICARBONATE	33.5	1.0		mg CaCO3/L	1.0	SM2320 B	a	11/6/24	ATH	ALK_241106	
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	1.8	3.30		mg/L	1.0	SM2340 B	a	11/25/24	BJ	CO2_241125A	
E-10151	*TOTAL SOLIDS	115 NN	10		mg/L	1.0	SM2540 B	c	11/13/24	PDK	cts_241108	
E-10173	TOTAL DISSOLVED SOLIDS (TDS)	85	20		mg/L	1.0	SM2540 C	a	11/8/24	JER	TDS_241106	
	*VOLATILE SOLIDS	63.48 NN	0.001		%	1.0	SM2540 E		11/19/24	PDK	cvs_241115	

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

124-38-9	*CARBON DIOXIDE	31.3	0.5		mg/L	1.0	SM4500-CO2 D	a	11/25/24	BJ	CO2_241125A	Free CO2 = 1.76mg/L
E-10139	*HYDROGEN ION (pH)	7.58 H5			pH Units	1.0	SM4500-H+ B	c	11/4/24	PDK	cph_241104	Temp (C) : 18.9
14265-44-2	ORTHO-PHOSPHATE	0.01	0.01	0.0051	mg/L	1.0	SM4500-P F	c	11/5/24	PDK	cpo4_241105	
E-10195	TOTAL ORGANIC CARBON	1.39	0.15	0.12	mg/L	1.0	SM5310 B	a	11/8/24	RMC	TOC_241107A3	
NA	*TANNIN AND LIGNIN	ND	0.1		mg/L	1.0	SM5550	a	11/5/24	ATH	Tannins_241105	
E-10195	DISSOLVED ORGANIC CARBON	1.31	0.50	0.1	mg/L	1.0	SM5310 B/FILTER	a	11/8/24	RMC	TOC_241107A3	
7723-14-0	*TOTAL PHOSPHORUS-P	ND	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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