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Data Report

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

Reference Number: **24-08839**
Project: Semi-Annual Joint Water
Commission

Report Date: 5/31/24

Date Received: 4/3/24

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

Authorized by:

Thanh B Phan
Lab Manager, Portland

Sample Description: 20894 - JWTP Finished Water - Site ID #1										Sample Date: 4/3/24 7:58 am		
Lab Number: 16957 Sample Comment: Cl2: 1.31										Collected By: SS, JR		
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment
E-10617	TURBIDITY	ND H1	0.10		NTU	1.0	180.1	c	4/12/24	PDK	cturb_240412	
7429-90-5	*ALUMINUM	ND	0.010	0.007	mg/L	1.0	200.7	a	4/23/24	BJ	200.7_240423A5	
7440-70-2	*CALCIUM	8.3	0.5	0.006	mg/L	1.0	200.7	a	4/23/24	BJ	200.7_240423A5	
7440-48-4	*COBALT	ND	0.001	0.001	mg/L	1.0	200.7	a	4/23/24	BJ	200.7_240423A5	
7439-95-4	MAGNESIUM	2.6	0.500	0.001	mg/L	1.0	200.7	a	4/23/24	BJ	200.7_240423A5	
7439-98-7	*MOLYBDENUM	ND	0.010	0.002	mg/L	1.0	200.7	a	4/23/24	BJ	200.7_240423A5	
7440-09-7	POTASSIUM	0.6	1.0	0.06	mg/L	1.0	200.7	a	4/23/24	BJ	200.7_240423A5	
7631-86-9	SILICA	16.4	0.05	0.01	mg/L	1.0	200.7	a	4/23/24	BJ	200.7_240423A5	
14808-79-8	SULFATE	11.6	0.2	0.0359	mg/L	1.0	300.0	a	4/8/24	TJB	IC06_240408A	
E-10264	*TOTAL ORGANIC NITROGEN	ND			mg/L	1.0	351.2	a	4/22/24	MSO	TON_240422	
NA	*SURFACTANTS	ND	0.050	0.1	mg/L	1.0	425.1		4/4/24	AGG	Alexin_240404	Analyzed by Alexin
E-10162	*TOTAL SUSPENDED SOLIDS	ND NN	2		mg/L	1.0	I-3765-85	c	4/8/24	SMV	ctss_240408	
NA	*CORROSIVITY	-2.12			SI	1.0	SM203	a	4/25/24	BJ	COR_240425A	
E-11734	ODOR	ND NN	1	1	TON	1.0	SM2150		4/3/24	PDK	codor_240403	Temperature: 38.0
NA	*BICARBONATE	30.9	1		mg CaCO3/L	1.0	SM2320 B	a	4/5/24	EBVP	ALK_240405B	
NA	*CARBONATE	ND	1		mgCaCO3/L	1.0	SM2320 B	a	4/5/24	EBVP	ALK_240405B	
NA	*HYDROXIDE	ND	1		mg CaCO3/L	1.0	SM2320 B	a	4/5/24	EBVP	ALK_240405B	
E-14506	*PHENOLPHTHALEIN ALKALINITY	ND	1		mg CaCO3/L	1.0	SM2320 B	a	4/5/24	EBVP	ALK_240405B	
	*NONCARBONATE HARDNESS	0.5	0.1		mg/L	1.0	SM2340 B	a	5/22/24	BJ	HARD_240522A	
E-10151	*TOTAL SOLIDS	73 NN	5		mg/L	1.0	SM2540 B	c	4/9/24	SMV	cts_240405	
E-10173	TOTAL DISSOLVED SOLIDS (TDS)	70	10		mg/L	1.0	SM2540 C	a	4/12/24	JER	TDS_240408	
	*VOLATILE SOLIDS	10 NN	5		mg/L	1.0	SM2540 E		4/12/24	PDK	cvs_240412	
124-38-9	*CARBON DIOXIDE	31.3	0.5		mg/L	1.0	SM4500-CO2 D	a	4/23/24	BJ	CO2_240423A	Free CO2 = 4.08mg/L
E-10139	*HYDROGEN ION (pH)	7.18 H5			pH Units	1.0	SM4500-H+ B	c	4/15/24	SMV	cph_240415	Temp (C) : 22.7

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

14265-44-2	ORTHO-PHOSPHATE	ND	0.01	0.005	mg/L	1.0	SM4500-P F	c	4/4/24	SMV	cpo4_240404	
E-10195	TOTAL ORGANIC CARBON	0.88	0.15	0.10	mg/L	1.0	SM5310 B	a	4/10/24	BJ	TOC_240409A4	
NA	*TANNIN AND LIGNIN	ND	0.1		mg/L	1.0	SM5550	a	4/8/24	ATH	Tannins_240408	
E-10195	DISSOLVED ORGANIC CARBON	0.71	0.50	0.10	mg/L	1.0	SM5310 B/FILTER	a	4/10/24	BJ	TOC_240409A4	Filter Blk = 0.18mg/L
7723-14-0	*TOTAL PHOSPHORUS-P	0.0021 J	0.010	0.0019	mg/L	1.0	SM4500-P F/SM4500-P B(5)	a	4/17/24	TJL	TPHOS_240417	

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