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Data Report

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

Reference Number: **22-36192**
Project: Semi-Annual Joint Water
Comission

Report Date: 1/5/23

Date Received: 11/2/22

Approved by: anl,anp,bj,ljh,mcs,pap,tjb

Authorized by:

Thanh B Phan
Lab Manager, Portland

Sample Description: 14925 - JWTP Finished Water - Site ID #1										Sample Date: 11/2/22 8:17 am		
Lab Number: 71086 Sample Comment:										Collected By: JA/SM		
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment
E-10617	TURBIDITY	0.15	0.10		NTU	1.0	180.1	c	11/3/22	PAP	cturb_221103	
7429-90-5	*ALUMINIUM	ND	0.010	0.004	mg/L	1.0	200.7	a	12/1/22	BJ	200.7_221201A	
7440-70-2	*CALCIUM	10.8	0.5	0.03	mg/L	1.0	200.7	a	12/1/22	BJ	200.7_221201A	
7440-48-4	*COBALT	ND	0.001	0.0005	mg/L	1.0	200.7	a	12/1/22	BJ	200.7_221201A	
7439-95-4	MAGNESIUM	3.5	0.500	0.04	mg/L	1.0	200.7	a	12/1/22	BJ	200.7_221201A	
7439-98-7	*MOLYBDENUM	ND	0.010	0.006	mg/L	1.0	200.7	a	12/1/22	BJ	200.7_221201A	
7440-09-7	POTASSIUM	ND	1.0	0.02	mg/L	1.0	200.7	a	12/1/22	BJ	200.7_221201A	
7631-86-9	SILICA	18.2	0.05	0.015	mg/L	1.0	200.7	a	12/1/22	BJ	200.7_221201A	
14808-79-8	SULFATE	14.2	0.2	0.18	mg/L	1.0	300.0	a	11/17/22	JWN	IC06_221117A	
7664-41-7	*AMMONIA-N	ND	0.010	0.0088	mg/L	1.0	350.1	a	11/21/22	TJB	350.1_221121B	
E-10264	*TOTAL KJELDAHL NITROGEN	ND	0.2	0.0585	mg/L	1.0	351.2	a	11/10/22	MSO	351.2_221110	
E-10264	*TOTAL ORGANIC NITROGEN	ND	0.20		mg/L	1.0	351.2	a	11/21/22	TJB	TON_221121	
NA	*SURFACTANTS	ND	0.050	0.1	mg/L	1.0	425.1		11/3/22	AGG	ALEXIN_221103	
E-10162	*TOTAL SUSPENDED SOLIDS	ND NN	2		mg/L	1.0	I-3765-85	c	11/7/22	ANL	ctss_221107	
NA	*CORROSIVITY	-1.63			SI	1.0	SM203	a	12/19/22	BJ	COR_221219A	
E-11734	*ODOR	1.325	1		TON	1.0	SM2150		11/2/22	PAP	codor_221102	Temperature: 39.5
NA	*BICARBONATE	36.4	1		mg CaCO3/L	1.0	SM2320 B	a	11/14/22	CJET	ALK_221114	
NA	*CARBONATE	ND	1		mgCaCO3/L	1.0	SM2320 B	a	11/14/22	CJET	ALK_221114	
NA	*HYDROXIDE	ND	1		mg CaCO3/L	1.0	SM2320 B	a	11/14/22	CJET	ALK_221114	
E-14506	*PHENOLPHTHALEIN ALKALINITY	36.4	2		mg CaCO3/L	1.0	SM2320 B	a	11/14/22	CJET	ALK_221114	
	*NONCARBONATE HARDNESS	5	3.30		mg/L	1.0	SM2340 B	a	12/19/22	BJ	COR_221219A	
E-10151	*TOTAL SOLIDS	69.0	10		mg/L	1.0	SM2540 B	c	11/9/22	JNR	cts_221109	
E-10173	TOTAL DISSOLVED SOLIDS (TDS)	79	20		mg/L	1.0	SM2540 C	a	11/28/22	DIC	TDS_221118	
	*VOLATILE SOLIDS	19.0	10		mg/L	1.0	SM2540 E		11/10/22	JNR	cvs_221110	

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	34.4	0.5		mg/L	1.0	SM4500-CO2 D	a	11/18/22	BJ	CO2_221118A	Free CO2 = 2.35mg/L
E-10139	*HYDROGEN ION (pH)	7.49 H5			pH Units	1.0	SM4500-H+ B	c	11/2/22	PAP	cph_221102	Temp (C) : 20.0
14265-44-2	ORTHO-PHOSPHATE	0.03	0.01	0.0073	mg/L	1.0	SM4500-P F	c	11/3/22	JNR	cpo4_221103	
E-10195	TOTAL ORGANIC CARBON	0.98	0.50	0.075	mg/L	1.0	SM5310 B	a	11/9/22	BJ	TOC_221108A	
NA	*TANNIN AND LIGNIN	ND	0.1		mg/L	1.0	SM5550	a	11/9/22	JWN	TANNINS_221109	
E-10195	*DISSOLVED ORGANIC CARBON	1.42	0.50	0.075	mg/L	1.0	SM5310 B/FILTER	a	11/9/22	BJ	TOC_221108A	
7723-14-0	*TOTAL PHOSPHORUS-P	0.0048 J	0.010	0.0021	mg/L	1.0	SM4500-P F/SM4500-P B(5)	a	11/18/22	TJB	TPHOS_221118	

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