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Data Report

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

Reference Number: **21-12029**
Project: Semi-Annual Joint Water
Commission - FW

Report Date: 5/13/21

Date Received: 4/7/21

Approved by: bj,bsp,jdn,mcs

Authorized by:

Thanh B Phan
Lab Manager, Portland

Sample Description: 10414 - JWTP FW Hose - Site ID #1										Sample Date: 4/7/21 8:40 am		
Lab Number: 23196		Sample Comment:								Collected By: JA/RD		
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment
7429-90-5	*ALUMINUM	ND	0.010	0.005	mg/L	1.0	200.7	a	4/13/21	BJ	200.7_210413A	
7440-70-2	*CALCIUM	8.8	0.5	0.2	mg/L	1.0	200.7	a	4/13/21	BJ	200.7_210413A	
7440-48-4	*COBALT	ND	0.005	0.0012	mg/L	1.0	200.7	a	4/13/21	BJ	200.7_210413A	
7439-95-4	MAGNESIUM	2.9	0.500	0.08	mg/L	1.0	200.7	a	4/13/21	BJ	200.7_210413A	
7439-98-7	*MOLYBDENUM	ND	0.010	0.007	mg/L	1.0	200.7	a	4/13/21	BJ	200.7_210413A	
7440-09-7	POTASSIUM	0.6	1.0	0.07	mg/L	1.0	200.7	a	4/13/21	BJ	200.7_210413A	
7631-86-9	SILICA	16.5	0.05	0.05	mg/L	1.0	200.7	a	4/13/21	BJ	200.7_210413A	
14808-79-8	SULFATE	14.4	0.2	0.0489	mg/L	1.0	300.0	a	4/16/21	SRS	IC05_210415A	
7664-41-7	*AMMONIA-N	ND	0.01	0.00846	mg/L	1.0	350.1	a	5/5/21	TJB	350.1_210505	
E-10264	*TOTAL KJELDAHL NITROGEN	ND	0.20	0.0585	mg/L	1.0	351.2	a	5/3/21	TJB	351.2_210503	
NA	*SURFACTANTS	ND	0.050		mg/L	1.0	425.1		4/8/21	AGG	ALEX425_210408	Analyzed by Alexin
E-10162	*TOTAL SUSPENDED SOLIDS	ND NN	2		mg/L	1.0	I-3765-85	c	4/9/21	RLV	ctss_210409a	
NA	*CORROSIVITY	-1.73			SI	1.0	SM203	a	4/26/21	BJ	COR_210426A	
E-11734	*ODOR	4.0 N1	1		TON	1.0	SM2150	a	4/8/21	BSP	ODOR_210408	Temperature: 41.1
NA	*BICARBONATE	34.9	20		mg CaCO3/L	1.0	SM2320 B	a	4/8/21	ASE	ALK_210408	
NA	*CARBONATE	ND	20		mgCaCO3/L	1.0	SM2320 B	a	4/8/21	ASE	ALK_210408	
NA	*HYDROXIDE	ND	20		mg CaCO3/L	1.0	SM2320 B	a	4/8/21	ASE	ALK_210408	
E-14506	*PHENOLPHTHALEIN ALKALINITY	ND	20		mg CaCO3/L	1.0	SM2320 B	a	4/8/21	ASE	ALK_210408	
	*NONCARBONATE HARDNESS	ND	3.30		mg/L	1.0	SM2340 B	a	4/13/21	BJ	200.7_210413A	
E-10173	TOTAL DISSOLVED SOLIDS (TDS)	84	20		mg/L	1.0	SM2540 C	a	4/14/21	CRC	TDS_210412	
	*VOLATILE SOLIDS	34.5	2		mg/L	1.0	SM2540 E		4/13/21	RLV	cv5_210413	
E-10151	*TOTAL SOLIDS	126	4		mg/L	1.0	SM2540 G	c	4/13/21	RLV	cts_210413	
124-38-9	*CARBON DIOXIDE	33.0	0.5		mg/L	1.0	SM4500-CO2 D	a	4/26/21	BJ	CO2_210426A	Free CO2=2.21mg CO2/L

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-10264	*TOTAL ORGANIC NITROGEN	ND	0.20		mg/L	1.0	SM4500-Norg C	a	5/6/21	TJB	TON_210506
14265-44-2	ORTHO-PHOSPHATE	0.01	0.01	0.006	mg/L	1.0	SM4500-P F	c	4/8/21	RLV	cpo4_210408
E-10195	TOTAL ORGANIC CARBON	1.06	.15	0.045	mg/L	1.0	SM5310 B	a	4/17/21	SRS	TOC_210416A
NA	*TANNIN AND LIGNIN	ND	0.1		mg/L	1.0	SM5550	a	4/14/21	SRS	Tannins_210414
E-10195	*DISSOLVED ORGANIC CARBON	1.19	0.50	0.045	mg/L	1.0	SM5310 B/FILTER	a	4/17/21	SRS	TOC_210416A
7723-14-0	*TOTAL PHOSPHORUS	0.005 J	0.010	0.0043	mg/L	1.0	SM4500-P F/SM4500-P B(5)	a	4/9/21	BSP	TPHOS_210409

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