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Data Report

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

Reference Number: **20-39261**
Project: Semi-Annual Joint Water
Commission FW

Report Date: 11/30/20

Date Received: 11/4/20

Approved by: bj,bsp,jal,jdn,mcs,tdp

Authorized by:

Thanh B Phan
Lab Manager, Portland

Sample Description: Site ID #1 - JWTP FW Hose - Site ID #1										Sample Date: 11/4/20 8:25 am		
Lab Number: 74464		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	0.003	mg/L	1.0	200.7	a	11/12/20	BJ	200.7_201112B	
7440-70-2	*CALCIUM	8.3	0.5	0.02	mg/L	1.0	200.7	a	11/12/20	BJ	200.7_201112B	
7440-48-4	*COBALT	ND	0.010	0.0014	mg/L	1.0	200.7	a	11/12/20	BJ	200.7_201112B	
7439-95-4	MAGNESIUM	2.7	0.500	0.02	mg/L	1.0	200.7	a	11/12/20	BJ	200.7_201112B	
7439-98-7	*MOLYBDENUM	ND	0.010	0.0037	mg/L	1.0	200.7	a	11/12/20	BJ	200.7_201112B	
7440-09-7	POTASSIUM	ND	1.0	0.06	mg/L	1.0	200.7	a	11/12/20	BJ	200.7_201112B	
7631-86-9	SILICA	13.8	0.05	0.012	mg/L	1.0	200.7	a	11/12/20	BJ	200.7_201112B	
14808-79-8	SULFATE	10.8	0.2	0.0489	mg/L	1.0	300.0	a	11/7/20	SRS	IC05_201106A	
7664-41-7	*AMMONIA-N	0.05	0.10	0.006	mg/L	1.0	350.1	a	11/23/20	TJB	350.1_201123	
E-10264	*TOTAL KJELDAHL NITROGEN	ND	0.20	0.016	mg/L	1.0	351.2	a	11/20/20	TJB	351.2_201120	
E-10264	*TOTAL ORGANIC NITROGEN	ND	0.20		mg/L	1.0	351.2	a	11/24/20	TJB	TON_201124	
NA	*SURFACTANTS	ND		0.1	mg/L	1.0	425.1		11/5/20	AGG	ALEX425_201105	Analyzed by Alexin
E-10162	*TOTAL SUSPENDED SOLIDS	ND NN	2		mg/L	1.0	I-3765-85	c	11/9/20	JDN	ctss_201109	
NA	*CORROSIVITY	-1.62			SI	1.0	SM203	a	11/11/20	BJ	COR_201116A	
E-11734	*ODOR	ND	1		TON	1.0	SM2150	a	11/5/20	BSP	ODOR_201105	Temperature:
E-14506	*ALKALINITY	33.4	10		mg CaCO3/L	1.0	SM2320 B	a	11/12/20	ASE	ALK_201112	
NA	*BICARBONATE	33.4	10		mg CaCO3/L	1.0	SM2320 B	a	11/12/20	ASE	ALK_201112	
NA	*CARBONATE	ND	10		mgCaCO3/L	1.0	SM2320 B	a	11/12/20	ASE	ALK_201112	
NA	*HYDROXIDE	ND	10		mg CaCO3/L	1.0	SM2320 B	a	11/12/20	ASE	ALK_201112	
E-14506	*PHENOLPHTHALEIN ALKALINITY	ND	10		mg CaCO3/L	1.0	SM2320 B	a	11/12/20	ASE	ALK_201112	
	*NONCARBONATE HARDNESS	ND	3.30		mg/L	1.0	SM2340 B	a	11/11/20	BJ	200.7_201111A	
E-10151	*TOTAL SOLIDS-WATER	68	10		mg/L	1.0	SM2540 B	a	11/23/20	SRS	TS.W_201121	
E-10173	*TOTAL DISSOLVED SOLIDS (TDS)	68	10		mg/L	1.0	SM2540 C	a	11/9/20	ASE	TDS_201106	
	*VOLATILE SOLIDS	ND	2		mg/L	1.0	SM2540 E	a	11/10/20	JDN	ctvs_201110	

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	31.8	0.5		mg/L	1.0	SM4500-CO2 D	a	11/11/20	BJ	CO2_201116A	Free CO2=1.57mg/L
14265-44-2	ORTHO-PHOSPHATE	ND	0.01	0.0023	mg/L	1.0	SM4500-P F	c	11/5/20	JAL	cpo4_201105	
E-10195	TOTAL ORGANIC CARBON	1.03	0.50	0.045	mg/L	1.0	SM5310 B	a	11/7/20	SRS	TOC_201106A	
NA	*TANNIN AND LIGNIN	ND	0.1		mg/L	1.0	SM5550	a	11/10/20	SRS	Tannins_201110	
E-10195	*DISSOLVED ORGANIC CARBON	1.04	0.50	0.045	mg/L	1.0	SM5310 B/FILTER	a	11/7/20	SRS	TOC_201106A	
7723-14-0	*TOTAL PHOSPHORUS	ND	0.010	0.0043	mg/L	1.0	SM4500-P F/SM4500-P B(5)	a	11/11/20	BSP	TPHOS_201111	

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