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Data Report

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

Reference Number: **19-14321**
Project: Semi-Annual Joint Water
Commission

Report Date: 6/14/19

Date Received: 4/24/19

Approved by: ajw,bj,dst,hkl,jal,svl

Authorized by:

Thanh B Phan
Lab Manager, Portland

Sample Description: Site ID #1 - JWTP FW Hose - Site ID #1										Sample Date: 4/24/19 8:45 am		
Lab Number: 28990		Sample Comment:								Collected By: Robb Davis		
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment
7440-48-4	*COBALT	ND	0.001	0.00013	mg/L	1.0	200.8	a	5/3/19	BJ	200.8_190503A2	
7440-50-8	COPPER	ND	0.005	7.30E-05	mg/L	1.0	200.8	a	5/3/19	BJ	200.8_190503A2	
7439-96-5	MANGANESE	ND	0.001	0.00021	mg/L	1.0	200.8	a	5/3/19	BJ	200.8_190503A2	
7439-98-7	*MOLYBDENUM	ND	0.001		mg/L	1.0	200.8	a	5/3/19	BJ	200.8_190503A2	
7440-22-4	SILVER	ND	0.010	0.0005	mg/L	1.0	200.8	a	5/3/19	BJ	200.8_190503A2	
7440-66-6	ZINC	ND	0.005	0.00079	mg/L	1.0	200.8	a	5/3/19	BJ	200.8_190503A2	
16887-00-6	CHLORIDE	5.0	1.0	0.04	mg/L	1.0	300.0	a	4/26/19	BJ	IC02_190426A	
14808-79-8	SULFATE	13	0.2	0.02	mg/L	1.0	300.0	a	4/26/19	BJ	IC02_190426A	
7664-41-7	*AMMONIA-N	0.01	0.01	0.0012	mg/L	1.0	350.1	a	4/27/19	LRS	350.1_190427	
E-10264	*TOTAL KJELDAHL NITROGEN	ND	0.20	0.0047	mg/L	1.0	351.2	a	5/5/19	LRS	351.2_190505	
E-10264	*TOTAL ORGANIC NITROGEN	ND	0.50		mg/L	1.0	351.2	a	5/5/19	LRS	TON_190505	
NA	*SURFACTANTS	ND		0.1	mg/L	1.0	425.1		4/25/19	AG	ALEX425_190425	Analyzed by Alexin
E-10162	*TOTAL SUSPENDED SOLIDS	3.5 NN	2		mg/L	1.0	I-3765-85	c	4/29/19	SVL	CTSS_190429	
NA	*CORROSIVITY	-1.5			SI	1.0	SM203	a	5/8/19	BJ	COR_190508	
E-11734	*ODOR	4.2 N1	1		TON	1.0	SM2150	a	4/25/19	BSP	odor_190425	Temperature: 41.5
E-14506	*ALKALINITY	32.6	1		mg CaCO3/L	1.0	SM2320 B	a	4/28/19	SRS	ALK_190428	
E-14506	ALKALINITY	32.6	1		mg CaCO3/L	1.0	SM2320 B	a	4/28/19	SRS	ALK_190428	
NA	*BICARBONATE	32.6	1		mg CaCO3/L	1.0	SM2320 B	a	4/28/19	SRS	ALK_190428	
NA	*CARBONATE	ND	1		mgCaCO3/L	1.0	SM2320 B	a	4/28/19	SRS	ALK_190428	
NA	*HYDROXIDE	ND	1		mg CaCO3/L	1.0	SM2320 B	a	4/28/19	SRS	ALK_190428	
E-14506	*PHENOLPHTHALEIN ALKALINITY	ND	1		mg CaCO3/L	1.0	SM2320 B	a	4/28/19	SRS	ALK_190428	
E-10151	*TOTAL SOLIDS-WATER	78	10		mg/L	1.0	SM2540 B	a	5/3/19	AJW	TS.W_190425	
E-10173	*TOTAL DISSOLVED SOLIDS (TDS)	80	10		mg/L	1.0	SM2540 C	a	5/3/19	AJW	TDS_190429	
E-10173	TOTAL DISSOLVED SOLIDS (TDS)	80	20		mg/L	1.0	SM2540 C	a	5/3/19	AJW	TDS_190429	

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.

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Form: mult_or.rpt

Data Report

E-10151	*VOLATILE SOLIDS	16	10		mg/L	1.0	SM2540 E	a	5/3/19	AJW	VS.W_190425	
124-38-9	*CARBON DIOXIDE	29.8	0.5		mg/L	1.0	SM4500-CO2 D	a	5/8/19	BJ	CO2_190508	Free CO2 = 1.1mgCO2/L
E-10128	*TOTAL NITRATE/NITRITE	0.34	0.010	0.0026	mg/L	1.0	SM4500-NO3 F	a	4/27/19	LRS	NO3NO2_190427	
14265-44-2	ORTHO-PHOSPHATE	0.01	0.01	0.005	mg/L	1.0	SM4500-P F	c	4/25/19	JAL	cpo4_190425	
E-10195	TOTAL ORGANIC CARBON	0.71	0.15	0.1094	mg/L	1.0	SM5310 B	a	4/28/19	BJ	TOC_190428	
NA	*TANNIN AND LIGNIN	ND	0.5		mg/L	1.0	SM5550	a	4/28/19	LRS	TANNINS_190428	
7429-90-5	*ALUMINUM	0.02	0.010	0.004	mg/L	1.0	200.7/3010A	a	4/30/19	HKL	200.7_190430A	
7440-70-2	*CALCIUM	8.54	0.5	0.009	mg/L	1.0	200.7/3010A	a	4/30/19	HKL	200.7_190430A	
E-11778	HARDNESS as Calcium Carbonate	32.7	3.30	0.01	mg/L	1.0	200.7/3010A	a	4/30/19	HKL	200.7_190430A	
7439-89-6	IRON	0.01 J	0.050	0.0012	mg/L	1.0	200.7/3010A	a	4/30/19	HKL	200.7_190430A	
7439-95-4	MAGNESIUM	2.76	0.500	0.001	mg/L	1.0	200.7/3010A	a	4/30/19	HKL	200.7_190430A	
7440-09-7	POTASSIUM	2.83	1.0	0.1	mg/L	1.0	200.7/3010A	a	5/1/19	HKL	200.7_190501A	
7631-86-9	SILICA	18.4	0.05	0.003	mg/L	1.0	200.7/3010A	a	4/30/19	HKL	200.7_190430A	
	*NONCARBONATE HARDNESS	0.1	0.1		mg/L	1.0	SM2340 B/3010A	a	4/30/19	HKL	200.7_190430A	
E-10195	*DISSOLVED ORGANIC CARBON	0.67	0.50	0.08	mg/L	1.0	SM5310 B/FILTER	a	5/6/19	BJ	TOC_190505	
7723-14-0	*TOTAL PHOSPHORUS	ND	0.010	0.0026	mg/L	1.0	SM4500-P F/SM4500-P B(5)	a	5/6/19	LRS	tphos_190506	

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