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Data Report

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

Reference Number: **18-04400**
Project: Semi-Annual FW Joint
Water Commission

Report Date: 3/25/18

Date Received: 2/7/18

Approved by: anp,bj,cpo,fm,lrs,tlp

Authorized by:

Thanh B Phan
Lab Manager, Portland

Sample Description: Site ID #1 - JWTP FW Hose - Site ID #1	Sample Date: 2/7/18 11:20 am
Lab Number: 9141 Sample Comment: Cl2: 1.20	Collected By: Robb Davis

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment
7440-50-8	COPPER	ND	0.005	0.00022	mg/L	1.0	200.8	a	2/22/18	BJ	200.8_180222B	
7439-96-5	MANGANESE	ND	0.001	4.00E-05	mg/L	1.0	200.8	a	2/22/18	BJ	200.8_180222B	
7440-22-4	SILVER	ND	0.010	3.50E-05	mg/L	1.0	200.8	a	2/22/18	BJ	200.8_180222B	
7440-66-6	ZINC	ND	0.005	0.00027	mg/L	1.0	200.8	a	2/22/18	BJ	200.8_180222B	
16887-00-6	CHLORIDE	5.1	1.0	0.0223	mg/L	1.0	300.0	a	2/9/18	HKL	I180208A	
14808-79-8	SULFATE	11.0	0.2	0.0497	mg/L	1.0	300.0	a	2/9/18	HKL	I180208A	
7664-41-7	*AMMONIA-N	ND	0.010	0.0012	mg/L	1.0	350.1	a	2/14/18	LRS	350.1_180214	
E-10264	*TOTAL ORGANIC NITROGEN	ND			mg/L	1.0	351.2	a	2/15/18	LRS	TON_180215	
NA	*SURFACTANTS	ND	0.050		mg/L	1.0	425.1		2/8/18	AG	ALEX425_180208	Analyzed by Alexin
E-10162	*TOTAL SUSPENDED SOLIDS	ND	4		mg/L	1.0	I-3765-85	a	2/13/18	HKL	TSS_180213	
NA	*CORROSIVITY	-2.10			SI	1.0	SM203	a	3/2/18	BJ	COR_180302	
E-11734	*ODOR	2.67 N1	1		TON	1.0	SM2150		2/8/18	ANP	ODOR_180208	Temperature: 40.2
E-14506	*ALKALINITY	32.5	1		mg CaCO3/L	1.0	SM2320 B	a	2/11/18	SRS	ALK_180211	
E-14506	ALKALINITY	32.5	1		mg CaCO3/L	1.0	SM2320 B	a	2/11/18	SRS	ALK_180211	
NA	*BICARBONATE	32.5	1		mg CaCO3/L	1.0	SM2320 B	a	2/11/18	SRS	ALK_180211	
NA	*CARBONATE	ND	1		mgCaCO3/L	1.0	SM2320 B	a	2/11/18	SRS	ALK_180211	
NA	*HYDROXIDE	ND	1		mg CaCO3/L	1.0	SM2320 B	a	2/11/18	SRS	ALK_180211	
E-14506	*PHENOLPHTHALEIN ALKALINITY	ND	1		mg CaCO3/L	1.0	SM2320 B	a	2/11/18	SRS	ALK_180211	
E-10151	*TOTAL SOLIDS-WATER	72	10		mg/L	1.0	SM2540 B	a	2/12/18	HKL	TS.LIQ_180212	
E-10173	*TOTAL DISSOLVED SOLIDS (TDS)	82	10		mg/L	1.0	SM2540 C	a	2/13/18	HKL	TDS_180213	
E-10173	TOTAL DISSOLVED SOLIDS (TDS)	82	10		mg/L	1.0	SM2540 C	a	2/13/18	HKL	TDS_180213	
E-10151	*VOLATILE SOLIDS	12	10		mg/L	1.0	SM2540 E	a	2/12/18	HKL	VS.LIQ_180212	
124-38-9	*CARBON DIOXIDE	32.3	0.5		mg/L	1.0	SM4500-CO2 D	a	2/21/18	BJ	CO2_180221	Free CO2 = 3.65
E-10139	HYDROGEN ION (pH)	7.25 H5			pH Units	1.0	SM4500-H+ B	c	2/8/18	CPF	cph_180208	Temp (C) : 19

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-10128	*TOTAL NITRATE/NITRITE	0.63	0.010	0.0026	mg/L	1.0	SM4500-NO3 F	a	2/12/18	LRS	NO3NO2_180212
14265-44-2	ORTHO-PHOSPHATE	ND	0.01	0.001	mg/L	1.0	SM4500-P F	c	2/8/18	CPO	CPO4_180208
E-10195	TOTAL ORGANIC CARBON	0.71	0.50	0.05	mg/L	1.0	SM5310 B	a	2/13/18	ANP	TOC_180213
NA	*TANNIN AND LIGNIN	ND	0.5		mg/L	1.0	SM5550	a	2/16/18	LRS	TANNINS_180216
7429-90-5	*ALUMINUM	ND	0.010	0.004	mg/L	1.0	200.7/3010A	a	2/21/18	ANP	200.7_180221B
7440-70-2	*CALCIUM	7.19	0.5	0.009	mg/L	1.0	200.7/3010A	a	2/21/18	ANP	200.7_180221B
7440-48-4	*COBALT	ND	0.001	0.0006	mg/L	1.0	200.7/3010A	a	2/21/18	ANP	200.7_180221B
E-11778	HARDNESS as Calcium Carbonate	27.8	3.30	0.01	mg/L	1.0	200.7/3010A	a	2/21/18	ANP	200.7_180221B
7439-89-6	IRON	ND	0.050	0.0012	mg/L	1.0	200.7/3010A	a	2/21/18	ANP	200.7_180221B
7439-95-4	MAGNESIUM	2.40	0.500	0.001	mg/L	1.0	200.7/3010A	a	2/21/18	ANP	200.7_180221B
7439-98-7	*MOLYBDENUM	ND	0.010	0.005	mg/L	1.0	200.7/3010A	a	2/21/18	ANP	200.7_180221B
7440-09-7	POTASSIUM	ND	1.0	0.1	mg/L	1.0	200.7/3010A	a	2/21/18	ANP	200.7_180221B
7631-86-9	SILICA	19.4	0.05	0.003	mg/L	1.0	200.7/3010A	a	2/21/18	ANP	200.7_180221B
	*NONCARBONATE HARDNESS	ND	3.30		mg/L	1.0	SM2340 B/3010A	a	2/21/18	ANP	Hardness_180226
E-10264	*TOTAL KJELDAHL NITROGEN	ND	0.20	0.0047	mg/L	1.0	351.2/351.2	a	2/13/18	LRS	351.2_180213
E-10195	*DISSOLVED ORGANIC CARBON	0.83	0.50	0.08	mg/L	1.0	SM5310 B/FILTER	a	2/13/18	ANP	TOC_180213
7723-14-0	*TOTAL PHOSPHORUS	0.010	0.010	0.0026	mg/L	1.0	SM4500-P F/SM4500-P B(5)	a	2/15/18	LRS	TPHOS_180215

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