

Data Report

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

Reference Number: **14-02588**
Project: Semi Annual Joint Water
Commission

Report Date: 4/2/14

Date Received: 2/12/14

Reviewed by:

Sample Description: EP-A - JWC Finished Water									Sample Date: 2/12/14 9:04 am			
Lab Number: 6471			Sample Comment:						Collected By: JD/BM			
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment	
7429-90-5	*ALUMINUM	0.01	0.010	0.002	mg/L	1.0	200.7	2/20/14	BJ	200.7-140220A		
7440-70-2	*CALCIUM	8.2	0.5	0.007	mg/L	1.0	200.7	2/20/14	BJ	200.7-140220A		
7440-48-4	*COBALT	ND	0.010	0.0006	mg/L	1.0	200.7	2/20/14	BJ	200.7-140220A		
E-11778	HARDNESS as Calcium Carbonate	32.0	3.30	0.03	mg/L	1.0	200.7	2/20/14	BJ	200.7-140220A		
7439-89-6	IRON	ND	0.050	0.0013	mg/L	1.0	200.7	2/20/14	BJ	200.7-140220A		
7439-95-4	MAGNESIUM	2.8	0.500	0.003	mg/L	1.0	200.7	2/20/14	BJ	200.7-140220A		
7439-98-7	*MOLYBDENUM	ND	0.010	0.0013	mg/L	1.0	200.7	2/20/14	BJ	200.7-140220A		
7440-09-7	POTASSIUM	ND	1.0	0.1	mg/L	1.0	200.7	2/20/14	BJ	200.7-140220A		
7631-86-9	*SILICA	16.3	0.05	0.002	mg/L	1.0	200.7	2/20/14	BJ	200.7-140220A		
7440-50-8	COPPER	ND	0.005	2.32E-05	mg/L	1.0	200.8	2/20/14	BJ	200.8_140220A		
7439-96-5	MANGANESE	ND	0.001	9.38E-06	mg/L	1.0	200.8	2/20/14	BJ	200.8_140220A		
7440-22-4	SILVER	ND	0.010	5.50E-06	mg/L	1.0	200.8	2/20/14	BJ	200.8_140220A		
7440-66-6	ZINC	ND	0.005	4.25E-05	mg/L	1.0	200.8	2/20/14	BJ	200.8_140220A		
16887-00-6	CHLORIDE	5.28	1.0	0.01	mg/L	1.0	300.0	2/17/14	SRF	I140217A		
14808-79-8	SULFATE	11	0.2	0.015	mg/L	1.0	300.0	2/17/14	SRF	I140217A		
7664-41-7	*AMMONIA	ND	0.01		mg/L	1.0	350.1	2/19/14	SPL	350.1_140219		
E-10264	*TOTAL KJELDAHL NITROGEN	ND	0.20		mg/L	1.0	351.2	2/21/14	SPL	351.2_140221		
E-10264	*TOTAL ORGANIC NITROGEN	ND	0.20	0.0031	mg/L	1.0	351.2	2/21/14	SPL	351.2_140221		
E-10162	*TOTAL SUSPENDED SOLIDS	ND	4		mg/L	1.0	I-3765-85	2/17/14	SRF	TSS_140217		
NA	*CORROSIVITY	-2.99			SI	1.0	SM203	3/4/14	MVP	COR_140304		
E-11712	COLOR	ND	5	1	Color Units	1.0	SM2120 B	2/12/14	GPO	CCOLOR_140212	pH:	
E-11734	*ODOR	2 H1	1	1	TON	1.0	SM2150	2/13/14	AA	codor_140213	Temperature:	
E-14506	*ALKALINITY	26	1.00		mg CaCO3/L	1.0	SM2320 B	2/20/14	SRF	ALK_140220		
E-14506	ALKALINITY	26	1.00		mg CaCO3/L	1.0	SM2320 B	2/20/14	SRF	ALK_140220		
NA	*BICARBONATE	26	1.00		mg CaCO3/L	1.0	SM2320 B	2/20/14	SRF	ALK_140220		
NA	*CARBONATE	ND	1.00		mgCaCO3/L	1.0	SM2320 B	2/20/14	SRF	ALK_140220		
NA	*HYDROXIDE	ND	1.00		mg CaCO3/L	1.0	SM2320 B	2/20/14	SRF	ALK_140220		
E-14506	*PHENOLPHTHALEIN ALKALINITY	ND	1.00		mg CaCO3/L	1.0	SM2320 B	2/20/14	SRF	ALK_140220		

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 * in front of the parameter name indicates it is not NELAP accredited but it is accredited through WSDOH or USEPA Region 10.

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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	*NONCARBONATE HARDNESS	6	0.5		mg/L	1.0	SM2340 B	2/20/14	BJ	200.7-140220A
E-10184	ELECTRICAL CONDUCTIVITY	108	10		uS/cm	1.0	SM2510 B	2/18/14	SRF	EC_140218
E-10151	*TOTAL SOLIDS-WATER	80	10		mg/L	1.0	SM2540 B	2/14/14	SRF	TS_140214
E-10173	*TOTAL DISSOLVED SOLIDS (TDS)	64	10		mg/L	1.0	SM2540 C	2/14/14	SRF	TDS_140214
E-10173	TOTAL DISSOLVED SOLIDS (TDS)	64	10		mg/L	1.0	SM2540 C	2/14/14	SRF	TDS_140214
E-10151	*VOLATILE SOLIDS	20	10		mg/L	1.0	SM2540 E	2/14/14	SRF	VS_140214
124-38-9	*CARBON DIOXIDE	13	0.5		mg/L	1.0	SM4500-CO2 D	3/4/14	MVP	CO2_140304
E-10139	*HYDROGEN ION (pH)	6.60			pH Units	1.0	SM4500-H+ B	2/12/14	CPO	CpH_140212
14265-44-2	ORTHO-PHOSPHATE	ND	0.01	0.0030	mg/L	1.0	SM4500-P F	2/13/14	CPO	CPO4_140213
E-10195	TOTAL ORGANIC CARBON	0.57	0.50	0.0798	mg/L	1.0	SM5310 B	2/21/14	BJ	TOC_140218
NA	*SURFACTANTS	ND		0.05	mg/L	1.0	SM5540 C	2/13/14	AA	MBAS_140213
NA	*TANNIN AND LIGNIN	ND	0.5		mg/L	1.0	SM5550	2/20/14	mmh	TANNINS_140220
E-10195	*DISSOLVED ORGANIC CARBON	0.67	0.50	0.1	mg/L	1.0	SM5310 B/FILTER	2/21/14	BJ	TOC_140218
7723-14-0	*TOTAL PHOSPHORUS	ND	0.01	0.0061	mg/L	1.0	SM4500-P F/SM4500-P B(5)	2/21/14	SPL	TPHOS-140221

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