



Burlington, WA	Corporate Laboratory (a)	1620 S Walnut St	Burlington, WA 98233	800.755.9295 • 360.757.1400
Bellingham, WA	Microbiology (b)	805 Orchard Dr Ste 4	Bellingham, WA 98225	360.715.1212
Portland, OR	Microbiology/Chemistry (c)	9150 SW Pioneer Ct Ste W	Wilsonville, OR 97070	503.682.7802
Corvallis, OR	Microbiology (d)	540 SW Third Street	Corvallis, OR 97333	541.753.4946



FL NELAP E871040

## VOLATILE ORGANIC COMPOUNDS (VOC) REPORT

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

Reference Number: 17-02977  
Project: Semi-Annual Joint Water Comm

System Name: JOINT WATER COMMISSION  
System ID Number: 4100379  
DOH Source Number:  
Multiple Sources:  
Sample Type: A - After treatment  
Sample Purpose: C - Compliance  
Sample Location: JWTP FW Hose - Site ID #1  
County: Washington  
Sampled By: Rachel Smith  
Sampler Phone:

Field ID: Site ID #1  
Lab Number: 4072-06889  
Date Collected: 2/13/17 09:15  
Date Extracted: 524\_170217  
Date Analyzed: 02/17/17  
Report Date: 3/17/17  
Analyst: HY  
Approved By: pdm

Authorized By:

Thanh B Phan  
Lab Manager, Portland

### EPA Method 524.2 For State Drinking Water Compliance

DOH#	COMPOUNDS	RESULTS	UNITS	SRL	Trigger	MCL	Lab	Method	COMMENT
<b>EPA/State Regulated</b>									
74	M/P - XYLENE	ND	mg/L	0.0005	0.5		a	524.2	
75	O - XYLENE	ND	mg/L	0.0005	0.5		a	524.2	
102	*1,2 - DIBROMOETHANE (EDB)	ND	mg/L	0.0005	0.02		a	524.2	Screening Only / PQL 0.5 ug/L
103	*1,2-DIBROMO-3-CHLOROPROPANE	ND	mg/L	0.0005	0.04		a	524.2	Screening Only / PQL 0.5 ug/L
<b>EPA/State Unregulated</b>									
58	1,1 - DICHLOROETHANE	ND	mg/L	0.0005	0.5		a	524.2	
59	2,2 - DICHLOROPROPANE	ND	mg/L	0.0005	0.5		a	524.2	
86	BROMOCHLOROMETHANE	ND	mg/L	0.0005	0.5		a	524.2	
62	1,1 - DICHLOROPROPENE	ND	mg/L	0.0005	0.5		a	524.2	
104	DICHLORODIFLUOROMETHANE	ND	mg/L	0.0005	0.5		a	524.2	
64	DIBROMOMETHANE	ND	mg/L	0.0005	0.5		a	524.2	
65	CIS - 1,3 - DICHLOROPROPENE	ND	mg/L	0.0005	0.5		a	524.2	
69	TRANS - 1,3 - DICHLOROPROPENE	ND	mg/L	0.0005	0.5		a	524.2	
53	CHLOROMETHANE	ND	mg/L	0.0005	0.5		a	524.2	
70	1,3 - DICHLOROPROPANE	ND	mg/L	0.0005	0.5		a	524.2	
72	1,1,1,2 - TETRACHLOROETHANE	ND	mg/L	0.0005	0.5		a	524.2	
87	ISOPROPYLBENZENE	ND	mg/L	0.0005	0.5		a	524.2	
79	1,2,3 - TRICHLOROPROPANE	ND	mg/L	0.0005	0.5		a	524.2	
78	BROMOBENZENE	ND	mg/L	0.0005	0.5		a	524.2	
80	1,1,2,2 - TETRACHLOROETHANE	ND	mg/L	0.0005	0.5		a	524.2	
81	O - CHLOROTOLUENE	ND	mg/L	0.0005	0.5		a	524.2	
88	N - PROPYLBENZENE	ND	mg/L	0.0005	0.5		a	524.2	
89	1,3,5 - TRIMETHYLBENZENE	ND	mg/L	0.0005	0.5		a	524.2	
54	BROMOMETHANE	ND	mg/L	0.0005	0.5		a	524.2	
82	P - CHLOROTOLUENE	ND	mg/L	0.0005	0.5		a	524.2	
90	TERT - BUTYLBENZENE	ND	mg/L	0.0005	0.5		a	524.2	

**NOTES:**

If a compound is detected > or = to the State Reporting Level, SRL, specified increased monitoring frequencies may occur per DOH.  
MCL (Maximum Contaminant Level) maximum permissible level of a contaminant in water established by EPA; Federal Action Levels are 0.015 mg/L for Lead and 1.3 mg/L for Copper. Sodium has a recommended limit of 20 mg/L. A blank MCL value indicates a level is not currently established.

Trigger Level: DOH Drinking Water Response level. Systems with compounds detected in excess of this level are required to take additional samples. Contact your regional DOH office.

ND (Not Detected): indicates that the parameter was not detected above the State Reporting Limit (SRL).

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.

If you have any questions concerning this report contact Thanh B Phan, Lab Manager, Portland, at the toll-free phone number above.

## VOLATILE ORGANIC COMPOUNDS (VOC) REPORT

DOH#	COMPOUNDS	RESULTS	UNITS	SRL	Trigger	MCL	Lab	Method	COMMENT
91	1,2,4 - TRIMETHYLBENZENE	ND	mg/L	0.0005	0.5		a	524.2	
92	SEC - BUTYLBENZENE	ND	mg/L	0.0005	0.5		a	524.2	
83	M - DICHLOROBENZENE	ND	mg/L	0.0005	0.5		a	524.2	
93	P - ISOPROPYLTOLUENE	ND	mg/L	0.0005	0.5		a	524.2	
94	N - BUTYLBENZENE	ND	mg/L	0.0005	0.5		a	524.2	
55	CHLOROETHANE	ND	mg/L	0.0005	0.5		a	524.2	
97	HEXACHLOROBUTADIENE	ND	mg/L	0.0005	0.5		a	524.2	
96	NAPHTHALENE	ND	mg/L	0.0005	0.5		a	524.2	
98	1,2,3 - TRICHLOROBENZENE	ND	mg/L	0.0005	0.5		a	524.2	
85	TRICHLOROFLUOROMETHANE	ND	mg/L	0.0005	0.5		a	524.2	
<b>EPA Regulated - Under Trihalomethanes Program</b>									
31	TOTAL TRIHALOMETHANE	0.0084	mg/L	0.0005	60		a	524.2	
27	CHLOROFORM	0.0072	mg/L	0.0005			a	524.2	
28	BROMODICHLOROMETHANE	0.0012	mg/L	0.0005			a	524.2	
29	CHLORODIBROMOMETHANE	ND	mg/L	0.0005			a	524.2	
30	BROMOFORM	ND	mg/L	0.0005			a	524.2	
<b>State Unregulated - Other</b>									
0	METHYL TERT-BUTYL ETHER	ND	mg/L	0.001			a	524.2	

**NOTES:**

If a compound is detected > or = to the State Reporting Level, SRL, specified increased monitoring frequencies may occur per DOH.  
 MCL (Maximum Contaminant Level) maximum permissible level of a contaminant in water established by EPA; Federal Action Levels are 0.015 mg/L for Lead and 1.3 mg/L for Copper. Sodium has a recommended limit of 20 mg/L. A blank MCL value indicates a level is not currently established.  
 Trigger Level: DOH Drinking Water Response level. Systems with compounds detected in excess of this level are required to take additional samples. Contact your regional DOH office.  
 ND (Not Detected); indicates that the parameter was not detected above the State Reporting Limit (SRL).  
 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.