

UNIT WELL # 8 VOLATILE ORGANIC COMPOUNDS - 2011				
ANALYTE	RESULT	UNITS <sup>1</sup>	EPA GUIDELINES	
			MCL <sup>2</sup>	MCLG <sup>3</sup>
Benzene	<0.12	ppb	5	zero
Bromobenzene	<0.21	ppb	--	--
<b>Bromodichloromethane*</b>	<b>[0.40]</b>	<b>ppb</b>	<b>80</b>	<b>zero</b>
Bromoform*	<0.33	ppb	80	zero
Bromomethane	<0.26	ppb	--	--
Carbon Tetrachloride	<0.19	ppb	5	zero
Chloroethane	<1.0	ppb	--	--
<b>Chloroform*</b>	<b>0.50</b>	<b>ppb</b>	<b>80</b>	--
Chloromethane (Methyl Chloride)	<0.16	ppb	--	--
o-Chlorotoluene	<0.15	ppb	--	--
p-Chlorotoluene	<0.11	ppb	--	--
Dibromochloromethane*	<0.27	ppb	80	60
Dibromomethane	<0.24	ppb	--	--
m-Dichlorobenzene (1,3)	<0.11	ppb	--	--
o-Dichlorobenzene (1,2)	<0.17	ppb	600	600
p-Dichlorobenzene (1,4)	<0.12	ppb	75	75
Dichlorodifluoromethane	<0.11	ppb	--	--
1,1-Dichloroethane	<0.14	ppb	--	--
1,2-Dichloroethane	<0.16	ppb	5	zero
1,1-Dichloroethylene	<0.11	ppb	7	7
<b>1,2-Dichloroethylene (cis)</b>	<b>[0.17]</b>	<b>ppb</b>	<b>70</b>	<b>70</b>
1,2-Dichloroethylene (trans)	<0.11	ppb	100	100
Dichloromethane	<0.34	ppb	5	zero
1,2-Dichloropropane	<0.16	ppb	5	zero
1,3-Dichloropropane	<0.26	ppb	--	--
2,2-Dichloropropane	<0.13	ppb	--	--
1,1-Dichloropropene	<0.11	ppb	--	--
1,3-Dichloropropene	<0.40	ppb	--	--
Ethylbenzene	<0.11	ppb	700	700
Hexachlorobutadiene	<0.17	ppb	--	--
Isopropylbenzene	<0.14	ppb	--	--
p-Isopropyltoluene	<0.12	ppb	--	--
Methyl t-butyl ether [MTBE]	<0.32	ppb	--	--
Monochlorobenzene	<0.13	ppb	100	100
Naphthalene	<0.44	ppb	--	--
Styrene	<0.14	ppb	100	100
1,1,1,2-Tetrachloroethane	<0.18	ppb	--	--
1,1,2,2-Tetrachloroethane	<0.33	ppb	--	--
Tetrachloroethylene [PCE]	<0.10	ppb	5	zero
Toluene	<0.11	ppb	1000	1000
1,2,4-Trichlorobenzene	<0.36	ppb	70	70
1,1,1-Trichloroethane	<0.12	ppb	200	200
1,1,2-Trichloroethane	<0.28	ppb	5	3
Trichloroethylene [TCE]	<0.12	ppb	5	zero
Trichlorofluoromethane	<0.12	ppb	--	--
1,2,3-Trichloropropane	<0.46	ppb	--	--
Trichlorotrifluoroethane	<0.10	ppb	--	--
1,2,4-Trimethylbenzene	<0.10	ppb	--	--
1,3,5-Trimethylbenzene	<0.15	ppb	--	--
Vinyl Chloride	<0.13	ppb	0.2	zero
Xylene, Total	<0.33	ppb	10000	10000
<b>Total Trihalomethanes (TTHM)*</b>	<b>0.9</b>	<b>ppb</b>	<b>80</b>	<b>--</b>

\* = Disinfection By-Product (DBP)

[ ] = Below level of quantification (LOQ)

<sup>1</sup> ppb = parts per billion = ug/l = micrograms per liter; ppm = parts per million = mg/l = milligrams per liter

<sup>2</sup> MCL = Maximum contaminant level = EPA's maximum allowable amount

<sup>3</sup> MCLG = Maximum contaminant level goal = EPA's public health goal