

UNIT WELL #15 VOLATILE ORGANIC COMPOUNDS - 2010						
VOC ANALYSES	MINIMUM	MAXIMUM	UNITS <sup>1</sup>	# OF SAMPLES	EPA GUIDELINES	
					MCL <sup>2</sup>	MCLG <sup>3</sup>
Benzene	<0.12	<0.24	ppb	4	5	0
Bromobenzene	<0.14	<0.21	ppb	4	--	--
Bromodichloromethane*	<0.21	<0.21	ppb	4	80	0
Bromoform*	<0.14	<0.33	ppb	4	80	0
Bromomethane	<0.26	<0.26	ppb	4	--	--
Carbon Tetrachloride	<0.19	<0.27	ppb	4	5	0
Chloroethane	<0.95	<1.0	ppb	4	--	--
Chloroform*	<0.11	<0.12	ppb	4	80	--
Chloromethane (Methyl Chloride)	<0.16	<0.16	ppb	4	--	--
o-Chlorotoluene	<0.15	<0.15	ppb	4	--	--
p-Chlorotoluene	<0.11	<0.13	ppb	4	--	--
Dibromochloromethane*	<0.16	<0.27	ppb	4	80	60
Dibromomethane	<0.13	<0.24	ppb	4	--	--
m-Dichlorobenzene (1,3)	<0.11	<0.17	ppb	4	--	--
o-Dichlorobenzene (1,2)	<0.15	<0.17	ppb	4	600	600
p-Dichlorobenzene (1,4)	<0.12	<0.17	ppb	4	75	75
Dichlorodifluoromethane	<0.11	<0.16	ppb	4	--	--
1,1-Dichloroethane	<0.14	<0.25	ppb	4	--	--
1,2-Dichloroethane	<0.15	<0.16	ppb	4	5	0
1,1-Dichloroethylene	<0.11	<0.18	ppb	4	7	7
1,2-Dichloroethylene (cis)	<0.10	<0.13	ppb	4	70	70
1,2-Dichloroethylene (trans)	<0.11	<0.28	ppb	4	100	100
Dichloromethane	<0.25	<0.34	ppb	4	5	0
1,2-Dichloropropane	<0.16	<0.22	ppb	4	5	0
1,3-Dichloropropane	<0.14	<0.26	ppb	4	--	--
2,2-Dichloropropane	<0.13	<0.17	ppb	4	--	--
1,1-Dichloropropene	<0.11	<0.11	ppb	4	--	--
1,3-Dichloropropene	<0.33	<0.40	ppb	4	--	--
Ethylbenzene	<0.11	<0.24	ppb	4	700	700
Hexachlorobutadiene	<0.17	<0.18	ppb	4	--	--
Isopropylbenzene	<0.14	<0.14	ppb	4	--	--
p-Isopropyltoluene	<0.12	<0.20	ppb	4	--	--
Methyl t-butyl ether [MTBE]	[0.14]	<0.32	ppb	4	--	--
Monochlorobenzene	<0.11	<0.13	ppb	4	100	100
Naphthalene	<0.23	<0.44	ppb	4	--	--
Styrene	<0.11	<0.14	ppb	4	100	100
1,1,1,2-Tetrachloroethane	<0.12	<0.18	ppb	4	--	--
1,1,1,2,2-Tetrachloroethane	<0.19	<0.33	ppb	4	--	--
Tetrachloroethylene [PCE]	3.2	3.9	ppb	4	5	0
Toluene	<0.11	<0.12	ppb	4	1000	1000
1,2,4-Trichlorobenzene	<0.20	<0.36	ppb	4	70	70
1,1,1-Trichloroethane	<0.10	<0.12	ppb	4	200	200
1,1,2-Trichloroethane	<0.13	<0.28	ppb	4	5	3
Trichloroethylene [TCE]	[0.34]	[0.41]	ppb	4	5	0
Trichlorofluoromethane	<0.12	<0.16	ppb	4	--	--
1,2,3-Trichloropropane	<0.35	<0.46	ppb	4	--	--
Trichlorotrifluoroethane	<0.10	<0.18	ppb	4	--	--
1,2,4-Trimethylbenzene	<0.10	<0.15	ppb	4	--	--
1,3,5-Trimethylbenzene	<0.14	<0.15	ppb	4	--	--
Vinyl Chloride	<0.13	<0.19	ppb	4	0.2	0
Xylene, Total	<0.33	<0.63	ppb	4	10000	10000
Total Trihalomethanes (TTHM)*	ND	ND	ppb	4	80	--

\* = Disinfection By-Product (DBP)

[ ] = Below level of quantification (LOQ)

ND = Not Detected

<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