	A	B	C
1	**Methods for Surface Water**		
2	Analyte Group	Matrix	Technique
3			
4	Alcohols	Non-potable water	GC-FID
5	Methanol		
6	Ethanol		
7	1-Propanol		
8	1-Butanol		
9	2-Butanol		
10	Ethylene Glycol	Non-potable water	GC-FID
11	Alkalinity - Total	Non-potable water	Titration
12	Alkalinity - Bicarb/Carb	Non-potable water	Titration
13	Hardness	Non-potable water	ICP + calculation
14	Inorganic ions -	Non-potable water	Ion Chromatography
15	Bromide		
16	Chloride		
17	Fluoride		
18	Ortho-phosphate as P		
19	Sulfate as SO4		
20	Mercury		Cold Vapor Spectrometry
21	Nitrate/Nitrite	Non-potable water	Digestion of all forms of Nitrogen followed by automated colorimetric
22			
23	Total Nitrogen		
24	pH - Lab	Non-potable water	Electrometric
25	Phosphorus - Total	Non-potable water	Colorimetric - automated
26	Residue -TDS	Non-potable water	Gravimetric
27	Residue -TSS	Non-potable water	Gravimetric
28			
29	SM = Standard Methods		
30	SW = SW846 method		
31	EPA = EPA method		
32			
33			
34			
35			

	D	E
1	**Samples**	
2	Reference Method	Routine Reporting Levels
3		
4	SM 8015D	10 mg/L
5		
6		
7		
8		
9		
10	SM 8015D	?
11	SM 2320B	20 mg/L
12	SM 2320B	20 mg/L
13	SM 2340B calc.	3300 ug/L
14	EPA 300.0	
15		0.5 mg/L
16		0.25 mg/L
17		0.1 mg/L
18		0.25 mg/L
19		0.5 mg/ L
20	EPA 245.1	0.2 µg/L
21	EPA 353.2	0.05 mg/L
22		
23	EPA 353.2	1 mg/L
24	SW9040C	NA
25	EPA 365.4	0.05 mg/L
26	SM 2540C	10 mg/L
27	SM 2540D	10 mg/L
28		
29		
30		
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33		
34		
35		

	A	B	C	D	E	F	G	H	I
1	**Methods for Ground Water and Surface Water Samples**								
2		**VOCs**							
3	**5030/CLP trace**	1,1,1,2-Tetrachloroethane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
4	**5030/CLP trace**	1,1,1-Trichloroethane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
5	**5030/CLP trace**	1,1,2,2-Tetrachloroethane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
6	**5030/CLP trace**	1,1,2-Trichloroethane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
7	**5030/CLP trace**	1,1-Dichloroethane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
8	**5030/CLP trace**	1,1-Dichloroethene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
9	**5030/CLP trace**	1,1-Dichloropropene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
10	**5030/CLP trace**	1,2,3-Trichlorobenzene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
11	**5030/CLP trace**	1,2,3-Trichloropropane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
12	**5030/CLP trace**	1,2,4-Trichlorobenzene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
13	**5030/CLP trace**	1,2,4-Trimethylbenzene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
14	**5030/CLP trace**	1,2-Dibromo-3-chloropropane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
15	**5030/CLP trace**	1,2-Dibromoethane (EDB)	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
16	**5030/CLP trace**	1,2-Dichlorobenzene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
17	**5030/CLP trace**	1,2-Dichloroethane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
18	**5030/CLP trace**	1,2-Dichloropropane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
19	**5030/CLP trace**	1,3,5-Trimethylbenzene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
20	**5030/CLP trace**	1,3-Dichlorobenzene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
21	**5030/CLP trace**	1,3-Dichloropropane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
22	**5030/CLP trace**	1,4-Dichlorobenzene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
23	**5030/CLP trace**	2,2-Dichloropropane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
24	**5030/CLP trace**	2-Butanone	Ground Water	2	ug/L		**5030/CLP**	Surface Water	5
25	**5030/CLP trace**	2-Chloroethylvinyl ether	Ground Water	2	ug/L		**5030/CLP**	Surface Water	5
26	**5030/CLP trace**	2-Chlorotoluene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
27	**5030/CLP trace**	2-Hexanone	Ground Water	2	ug/L		**5030/CLP**	Surface Water	5
28	**5030/CLP trace**	4-Chlorotoluene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
29	**5030/CLP trace**	4-Methyl-2-pentanone	Ground Water	2	ug/L		**5030/CLP**	Surface Water	5
30	**5030/CLP trace**	Acetone	Ground Water	2	ug/L		**5030/CLP**	Surface Water	5
31	**5030/CLP trace**	Benzene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
32	**5030/CLP trace**	Bromobenzene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
33	**5030/CLP trace**	Bromochloromethane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
34	**5030/CLP trace**	Bromodichloromethane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
35	**5030/CLP trace**	Bromoform	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
36	**5030/CLP trace**	Bromomethane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
37	**5030/CLP trace**	Carbon disulfide	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
38	**5030/CLP trace**	Carbon Tetrachloride	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
39	**5030/CLP trace**	Chlorobenzene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
40	**5030/CLP trace**	Chlorodibromomethane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
41	**5030/CLP trace**	Chloroethane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
42	**5030/CLP trace**	Chloroform	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
43	**5030/CLP trace**	Chloromethane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
44	**5030/CLP trace**	cis-1,2-Dichloroethene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
45	**5030/CLP trace**	cis-1,3-Dichloropropene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
46	**5030/CLP trace**	Cyclohexane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
47	**5030/CLP trace**	Dibromomethane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
48	**5030/CLP trace**	Dichlorodifluoromethane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
49	**5030/CLP trace**	Ethylbenzene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
50	**5030/CLP trace**	Freon 113	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
51	**5030/CLP trace**	Hexachlorobutadiene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
52	**5030/CLP trace**	Isopropylbenzene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
53	**5030/CLP trace**	Methyl Acetate	Ground Water	1	ug/L		**5030/CLP**	Surface Water	5
54	**5030/CLP trace**	Methylcyclohexane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
55	**5030/CLP trace**	Methylene Chloride	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
56	**5030/CLP trace**	Methyl-tert-butyl ether	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
57	**5030/CLP trace**	m-Xylene/p-Xylene	Ground Water	1	ug/L		**5030/CLP**	Surface Water	10
58	**5030/CLP trace**	Naphthalene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
59	**5030/CLP trace**	n-Butylbenzene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
60	**5030/CLP trace**	n-Propylbenzene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
61	**5030/CLP trace**	o-Xylene	Ground Water	1	ug/L		**5030/CLP**	Surface Water	5
62	**5030/CLP trace**	p-Isopropyltoluene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
63	**5030/CLP trace**	sec-Butylbenzene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
64	**5030/CLP trace**	Styrene	Ground Water	1	ug/L		**5030/CLP**	Surface Water	10

	A	B	C	D	E	F	G	H	I
65	**5030/CLP trace**	tert-Butylbenzene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
66	**5030/CLP trace**	Tetrachloroethene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
67	**5030/CLP trace**	Toluene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
68	**5030/CLP trace**	trans-1,2-Dichloroethene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
69	**5030/CLP trace**	trans-1,3-Dichloropropene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
70	**5030/CLP trace**	Trichloroethene	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
71	**5030/CLP trace**	Trichlorofluoromethane	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
72	**5030/CLP trace**	Vinyl acetate	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
73	**5030/CLP trace**	Vinyl chloride	Ground Water	0.5	ug/L		**5030/CLP**	Surface Water	5
74	**5030/CLP trace**	Acrylonitrile	Ground Water	5	ug/L		**5030/CLP**	Surface Water	5

	J
1	
2	
3	ug/L
4	ug/L
5	ug/L
6	ug/L
7	ug/L
8	ug/L
9	ug/L
10	ug/L
11	ug/L
12	ug/L
13	ug/L
14	ug/L
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16	ug/L
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	J
65	ug/L
66	ug/L
67	ug/L
68	ug/L
69	ug/L
70	ug/L
71	ug/L
72	ug/L
73	ug/L
74	ug/L

	A	B	C	D	E
1	**Methods for Surface Water and Ground Water Samples**				
2					
3		**Metals**			
4	**200.7**	Aluminum (Al)	Water	200	ug/L
5	**200.7**	Antimony (Sb)	Water	60	ug/L
6	**200.7**	Arsenic (Ar)	Water	200	ug/L
7	**200.7**	Barium (Ba)	Water	200	ug/L
8	**200.7**	Beryllium (Be)	Water	5	ug/L
9	**200.7**	Boron (B)	Water	50	ug/L
10	**200.7**	Cadmium (Cd)	Water	5	ug/L
11	**200.7**	Calcium (Ca)	Water	500	ug/L
12	**200.7**	Chromium (Cr)	Water	10	ug/L
13	**200.7**	Cobalt (Co)	Water	50	ug/L
14	**200.7**	Copper (Cu)	Water	25	ug/L
15	**200.7**	Iron (Fe)	Water	100	ug/L
16	**200.7**	Lead (Pb)	Water	50	ug/L
17	**200.7**	Lithium (Li)	Water	200	ug/L
18	**200.7**	Magnesium (Mg)	Water	500	ug/L
19	**200.7**	Manganese (Mn)	Water	15	ug/L
20	**200.7**	Nickel (Ni)	Water	40	ug/L
21	**200.7**	Potassium (K)	Water	2000	ug/L
22	**200.7**	Selenium (Se)	Water	200	ug/L
23	**200.7**	Silver (Ag)	Water	10	ug/L
24	**200.7**	Sodium (Na)	Water	1000	ug/L
25	**200.7**	Strontium (Sr)	Water	200	ug/L
26	**200.7**	Thallium (Tl)	Water	200	ug/L
27	**200.7**	Tin (Sn)	Water	200	ug/L
28	**200.7**	Titanium (Ti)	Water	200	ug/L
29	**200.7**	Vanadium (V)	Water	50	ug/L
30	**200.7**	Zinc (Zn)	Water	20	ug/L
31					
32	**200.8**	Aluminum (Al)	Water	30	ug/L
33	**200.8**	Antimony (Sb)	Water	2	ug/L
34	**200.8**	Arsenic (Ar)	Water	1	ug/L
35	**200.8**	Barium (Ba)	Water	10	ug/L
36	**200.8**	Beryllium (Be)	Water	1	ug/L
37	**200.8**	Cadmium (Cd)	Water	1	ug/L
38	**200.8**	Chromium (Cr)	Water	2	ug/L
39	**200.8**	Cobalt (Co)	Water	1	ug/L
40	**200.8**	Copper (Cu)	Water	2	ug/L
41	**200.8**	Lead (Pb)	Water	1	ug/L
42	**200.8**	Manganese (Mn)	Water	1	ug/L
43	**200.8**	Nickel (Ni)	Water	1	ug/L
44	**200.8**	Selenium (Se)	Water	5	ug/L

	A	B	C	D	E
45	**200.8**	Silver (Ag)	Water	1	ug/L
46	**200.8**	Thallium (Tl)	Water	1	ug/L
47	**200.8**	Uranium (U)	Water	10	ug/L
48	**200.8**	Vanadium (V)	Water	5	ug/L
49	**200.8**	Zinc (Zn)	Water	2	ug/L
50					

	A	B	C	D	E
1	**Methods for Surface Water and Ground Water Samples**				
2					
3		**SVOC**			
4	**OLC03.2/3520C**	1,1-Biphenyl	Water	5	ug/L
5	**OLC03.2/3520C**	1,2,4,5-Tetrachlorobenzene	Water	5	ug/L
6	**OLC03.2/3520C**	2,3,4,6-Tetrachlorophenol	Water	5	ug/L
7	**OLC03.2/3520C**	2,4,5-Trichlorophenol	Water	5	ug/L
8	**OLC03.2/3520C**	2,4,6-Trichlorophenol	Water	5	ug/L
9	**OLC03.2/3520C**	2,4-Dichlorophenol	Water	5	ug/L
10	**OLC03.2/3520C**	2,4-Dimethylphenol	Water	5	ug/L
11	**OLC03.2/3520C**	2,4-Dinitrophenol	Water	5	ug/L
12	**OLC03.2/3520C**	2,4-Dinitrotoluene	Water	5	ug/L
13	**OLC03.2/3520C**	2,6-Dinitrotoluene	Water	5	ug/L
14	**OLC03.2/3520C**	2-Chloronaphthalene	Water	5	ug/L
15	**OLC03.2/3520C**	2-Chlorophenol	Water	5	ug/L
16	**OLC03.2/3520C**	2-Methylnaphthalene	Water	5	ug/L
17	**OLC03.2/3520C**	2-Methylphenol	Water	5	ug/L
18	**OLC03.2/3520C**	2-Nitroaniline	Water	5	ug/L
19	**OLC03.2/3520C**	2-Nitrophenol	Water	5	ug/L
20	**OLC03.2/3520C**	3,3´-Dichlorobenzidine	Water	5	ug/L
21	**OLC03.2/3520C**	3-Nitroaniline	Water	5	ug/L
22	**OLC03.2/3520C**	4,6-Dinitro-2-methylphenol	Water	10	ug/L
23	**OLC03.2/3520C**	4-Bromophenyl phenyl ether	Water	5	ug/L
24	**OLC03.2/3520C**	4-Chloro-3-methylphenol	Water	5	ug/L
25	**OLC03.2/3520C**	4-Chloroaniline	Water	5	ug/L
26	**OLC03.2/3520C**	4-Chlorophenyl phenyl ether	Water	5	ug/L
27	**OLC03.2/3520C**	4-Methylphenol	Water	5	ug/L
28	**OLC03.2/3520C**	4-Nitroaniline	Water	5	ug/L
29	**OLC03.2/3520C**	4-Nitrophenol	Water	10	ug/L
30	**OLC03.2/3520C**	Acenaphthene	Water	5	ug/L
31	**OLC03.2/3520C**	Acenaphthylene	Water	5	ug/L
32	**OLC03.2/3520C**	Acetophenone	Water	5	ug/L
33	**OLC03.2/3520C**	Anthracene	Water	5	ug/L
34	**OLC03.2/3520C**	Atrazine	Water	5	ug/L
35	**OLC03.2/3520C**	Benzaldehyde	Water	5	ug/L
36	**OLC03.2/3520C**	Benzo(a)anthracene	Water	5	ug/L
37	**OLC03.2/3520C**	Benzo(a)pyrene	Water	5	ug/L
38	**OLC03.2/3520C**	Benzo(b)fluoranthene	Water	5	ug/L
39	**OLC03.2/3520C**	Benzo(ghi)perylene	Water	5	ug/L
40	**OLC03.2/3520C**	Benzo(k)fluoranthene	Water	5	ug/L
41	**OLC03.2/3520C**	Bis(2-chloroethoxy)methane	Water	5	ug/L
42	**OLC03.2/3520C**	Bis(2-chloroethyl)ether	Water	5	ug/L
43	**OLC03.2/3520C**	Bis(2-chloroisopropyl)ether	Water	5	ug/L
44	**OLC03.2/3520C**	Bis(2-ethylhexyl)phthalate	Water	5	ug/L
45	**OLC03.2/3520C**	Butyl benzyl phthalate	Water	5	ug/L
46	**OLC03.2/3520C**	Caprolactam	Water	5	ug/L
47	**OLC03.2/3520C**	Carbazole	Water	5	ug/L
48	**OLC03.2/3520C**	Chrysene	Water	5	ug/L
49	**OLC03.2/3520C**	Dibenz(a,h)anthracene	Water	5	ug/L
50	**OLC03.2/3520C**	Dibenzofuran	Water	5	ug/L
51	**OLC03.2/3520C**	Diethyl phthalate	Water	5	ug/L
52	**OLC03.2/3520C**	Dimethyl phthalate	Water	5	ug/L
53	**OLC03.2/3520C**	Di-n-butyl phthalate	Water	5	ug/L

	A	B	C	D	E
54	**OLC03.2/3520C**	Di-n-octyl phthalate	Water	5	ug/L
55	**OLC03.2/3520C**	Fluoranthene	Water	5	ug/L
56	**OLC03.2/3520C**	Fluorene	Water	5	ug/L
57	**OLC03.2/3520C**	Hexachlorobenzene	Water	5	ug/L
58	**OLC03.2/3520C**	Hexachlorobutadiene	Water	5	ug/L
59	**OLC03.2/3520C**	Hexachlorocyclopentadiene	Water	5	ug/L
60	**OLC03.2/3520C**	Hexachloroethane	Water	5	ug/L
61	**OLC03.2/3520C**	Indeno(1,2,3-cd)pyrene	Water	5	ug/L
62	**OLC03.2/3520C**	Isophorone	Water	5	ug/L
63	**OLC03.2/3520C**	Naphthalene	Water	5	ug/L
64	**OLC03.2/3520C**	Nitrobenzene	Water	5	ug/L
65	**OLC03.2/3520C**	N-Nitrosodimethylamine	Water	5	ug/L
66	**OLC03.2/3520C**	N-Nitroso-di-n-propylamine	Water	5	ug/L
67	**OLC03.2/3520C**	N-Nitrosodiphenylamine	Water	5	ug/L
68	**OLC03.2/3520C**	Pentachlorophenol	Water	5	ug/L
69	**OLC03.2/3520C**	Phenanthrene	Water	5	ug/L
70	**OLC03.2/3520C**	Phenol	Water	5	ug/L
71	**OLC03.2/3520C**	Pyrene	Water	5	ug/L
72	**OLC03.2/3520C**	1-Methylnaphthalene*	Water	5	ug/L
73	**OLC03.2/3520C**	2-Methoxyethanol*	Water	5	ug/L

	A	B	C	D	E
1	**Methods for Surface Water and Ground Water Samples**				
2					
3		**Glycol**			
4	SW8321 Modified	2-Methoxyethanol	Water	100	ug/L
5	SW8321 Modified	2-Butoxyethanol	Water	10	ug/L
6	SW8321 Modified	Di ethylene glycol	Water	25	ug/L
7	SW8321 Modified	Tri ethylene glycol	Water	25	ug/L
8	SW8321 Modified	Tetra ethylene glycol	Water	25	ug/L