



State of Rhode Island and Providence Plantations
DEPARTMENT OF HEALTH

APPENDIX TO ANALYTICAL LABORATORY CERTIFICATE No. LAI00121

RHODE ISLAND DEPARTMENT OF HEALTH LABORATORY

Expiration Date: December 30, 2009

Date Issued: January 31, 2009

Potable Water - Microbiology

Total Coliform	SM9221BCE
Total Coliform MF BGLBB	SM9222AB
Total Coliform	SM9223B
Fecal / E.Coli MF/EC	SM9222D
Fecal Coliform	SM9221E
Fecal / E.Coli	SM9223B
Heterotrophic Plate Count	SM9215B

Potable Water - Organic Chemistry

Benzene	EPA Method 524.2
1,2-Dichlorobenzene	EPA Method 524.2
1,4-Dichlorobenzene	EPA Method 524.2
1,1-Dichloroethene	EPA Method 524.2
1,2-Dichloroethane	EPA Method 524.2
1,2-Dichloroethene (cis)	EPA Method 524.2
1,2-Dichloroethene (trans)	EPA Method 524.2
1,2-Dichloropropane	EPA Method 524.2
Carbon Tetrachloride	EPA Method 524.2
Chlorobenzene	EPA Method 524.2
Ethylbenzene	EPA Method 524.2
Methylene Chloride	EPA Method 524.2
Styrene	EPA Method 524.2
Tetrachloroethene	EPA Method 524.2
Toluene	EPA Method 524.2
1,2,4-Trichlorobenzene	EPA Method 524.2
1,1,1-Trichloroethane	EPA Method 524.2
1,1,2-Trichloroethane	EPA Method 524.2
Trichloroethene	EPA Method 524.2
Vinyl Chloride	EPA Method 524.2
Xylenes (total)	EPA Method 524.2
MTBE	EPA Method 524.2

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Bromobenzene	EPA Method 524.2
Bromochloromethane	EPA Method 524.2
Bromomethane	EPA Method 524.2
Chloroethane	EPA Method 524.2
Chloromethane	EPA Method 524.2
2-Chlorotoluene	EPA Method 524.2
4-Chlorotoluene	EPA Method 524.2
Dibromomethane	EPA Method 524.2
1,3-Dichlorobenzene	EPA Method 524.2
Dichlorodifluoromethane	EPA Method 524.2
1,1-Dichloroethane	EPA Method 524.2
1,3-Dichloropropane	EPA Method 524.2
2,2-Dichloropropane	EPA Method 524.2
1,1-Dichloropropene	EPA Method 524.2
cis-1,3-Dichloropropene	EPA Method 524.2
trans-1,3-Dichloropropene	EPA Method 524.2
Hexachlorobutadiene	EPA Method 524.2
Isopropylbenzene	EPA Method 524.2
n-Butylbenzene	EPA Method 524.2
n-Propylbenzene	EPA Method 524.2
p-Isopropyltoluene	EPA Method 524.2
sec-Butylbenzene	EPA Method 524.2
tert-Butylbenzene	EPA Method 524.2
1,2,3-Trichlorobenzene	EPA Method 524.2
1,1,1,2-Tetrachloroethane	EPA Method 524.2
1,1,1,2-Tetrachloroethane	EPA Method 524.2
Trichlorofluoromethane	EPA Method 524.2
1,2,3-Trichloropropane	EPA Method 524.2
1,2,4-Trimethylbenzene	EPA Method 524.2
1,3,5-Trimethylbenzene	EPA Method 524.2
Bromoform	EPA Method 524.2
Bromodichloromethane	EPA Method 524.2
Chloroform	EPA Method 524.2
Dibromochloromethane	EPA Method 524.2
EDB (Ethylene dibromide)	EPA Method 504.1
DBCP (Dibromochloropropane)	EPA Method 504.1
Acenaphylene	EPA Method 525.2
Anthracene	EPA Method 525.2
Benzo(a)anthracene	EPA Method 525.2
Benzo(b)fluoranthene	EPA Method 525.2
Benzo(k)fluoranthene	EPA Method 525.2
Benzo(g,h,l)perylene	EPA Method 525.2
Benzo(a)pyrene	EPA Method 525.2
Butylbenzylphthalate	EPA Method 525.2
Chrysene	EPA Method 525.2
Dibenzo(a,h)anthracene	EPA Method 525.2
Di-n-butylphthalate	EPA Method 525.2
Diethylphthalate	EPA Method 525.2
Dimethylphthalate	EPA Method 525.2
bis(2-ethylhexyl)adipate	EPA Method 525.2
bis(2-ethylhexyl)phthalate	EPA Method 525.2
Fluorene	EPA Method 525.2
Indeno(1,2,3-cd)pyrene	EPA Method 525.2
Phenanthrene	EPA Method 525.2
Pyrene	EPA Method 525.2
Hexachlorobenzene	EPA Method 525.2
Hexachlorocyclopentadiene	EPA Method 525.2
Alachlor	EPA Method 525.2

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2,4-D	EPA Method 515.3
2,4,5-TP (Silvex)	EPA Method 515.3
Aldicarb	EPA Method 531.1
Aldicarb sulfone	EPA Method 531.1
Aldicarb sulfoxide	EPA Method 531.1
Atrazine	EPA Method 525.2
Carbofuran	EPA Method 525.2
Chlordane (technical)	EPA Method 508
Dalapon	EPA Method 515.3
Dinoseb	EPA Method 515.3
Endrin	EPA Method 525.2
Heptachlor	EPA Method 525.2
Lindane	EPA Method 525.2
Methoxychlor	EPA Method 525.2
Oxamyl	EPA Method 531.1
Pentachlorophenol	EPA Method 515.3
Picloram	EPA Method 515.3
Simazine	EPA Method 525.2
Toxaphene	EPA Method 508
PCB-1016	EPA Method 508
PCB-1221	EPA Method 508
PCB-1232	EPA Method 508
PCB-1242	EPA Method 508
PCB-1248	EPA Method 508
PCB-1254	EPA Method 508
PCB-1260	EPA Method 508
DCPA	EPA Method 515.3
Aldrin	EPA Method 525.2
Butachlor	EPA Method 525.2
Dicamba	EPA Method 515.3
Dieldrin	EPA Method 525.2
Methomyl	EPA Method 531.1
Metolachlor	EPA Method 525.2
Metribuzin	EPA Method 525.2
Propachlor	EPA Method 525.2
Prometon	EPA Method 525.2

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Potable Water - Inorganic Chemistry

Alkalinity	SM 2320B
Antimony	EPA Method 200.8
Arsenic	EPA Method 200.8
Barium	EPA Method 200.8
Beryllium	EPA Method 200.8
Cadmium	EPA Method 200.8
Calcium	EPA Method 200.8
Chloride	EPA Method 300.0
Chromium	EPA Method 200.8
Conductivity	SM 2520B
Conductivity	SM 2510B
Copper	EPA Method 200.8
Cyanide	EPA Method 335.4
Fluoride	EPA Method 300.0
Ca Hardness as CaCO ₃	SM 2340B
Total Hardness as CaCO ₃	SM 2340B
Hardness	SM 2340B
Iron	EPA Method 200.8
Lead	EPA Method 200.8
Magnesium	EPA Method 200.8
Manganese	EPA Method 200.8
Mercury	EPA Method 245.1
Nickel	EPA Method 200.8
Nitrate	EPA Method 353.2
Nitrite	EPA Method 353.2
pH	EPA Method 150.1
Potassium	EPA Method 200.8
Selenium	EPA Method 200.8
Silver	EPA Method 200.8
Sodium	EPA Method 200.8
Sulfate	EPA Method 300.0
Thallium	EPA Method 200.8
Total Dissolved Solids	SM 2540C
Turbidity	EPA Method 180.1
Zinc	EPA Method 200.8

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Non-Potable Water - Microbiology

Total Coliform MPN	SM9221B C
Total Coliform	SM9221D
Fecal Coliform - E.coli MPN	SM9221C E
Enterococci MPN	IDEXX Enterolert

Non-Potable Water - Organic Chemistry

Acrolein	EPA Method 624
Acrylonitrile	EPA Method 624
Benzene	EPA Method 624
Bromomethane	EPA Method 624
Bromoform	EPA Method 624
Carbon Tetrachloride	EPA Method 624
Chlorobenzene	EPA Method 624
Chlorodibromomethane	EPA Method 624
Chloroethane	EPA Method 624
Chloromethane	EPA Method 624
2-Chloroethylvinyl Ether	EPA Method 624
Chloroform	EPA Method 624
Dichlorobromomethane	EPA Method 624
1,1-Dichloroethane	EPA Method 624
1,2-Dichloroethane	EPA Method 624
1,1-Dichloroethene	EPA Method 624
1,2-Dichloropropane	EPA Method 624
cis-1,2-Dichloroethene	EPA Method 624
cis-1,3-Dichloropropene	EPA Method 624
trans-1,3-Dichloropropene	EPA Method 624
Ethylbenzene	EPA Method 624
Methylene Chloride	EPA Method 624
1,1,2,2-Tetrachloroethane	EPA Method 624
Tetrachloroethene	EPA Method 624
Toluene	EPA Method 624
trans-1,2-Dichloroethene	EPA Method 624
1,1,1-Trichloroethane	EPA Method 624
1,1,2-Trichloroethane	EPA Method 624
Trichloroethene	EPA Method 624
Trichlorofluoromethane	EPA Method 624
Vinyl Chloride	EPA Method 624
Xylenes (total)	EPA Method 624
1,2-Dichlorobenzene	EPA Method 624
1,3-Dichlorobenzene	EPA Method 624
1,4-Dichlorobenzene	EPA Method 624
Acenaphthene	EPA Method 625
Acenaphthylene	EPA Method 625
Anthracene	EPA Method 625
Benzo(a)anthracene	EPA Method 625
Benzo(a)pyrene	EPA Method 625
Benzo(b)fluoranthene	EPA Method 625
Benzo(k)fluoranthene	EPA Method 625
Benzo(g,h,i)perylene	EPA Method 625
Bis(2-Chloroethoxy)Methane	EPA Method 625
Bis(2-chloroethyl)Ether	EPA Method 625
Bis(2-chloroisopropyl) Ether	EPA Method 625
Bis(2-ethylhexyl) Phthalate	EPA Method 625
4-Bromophenyl Phenyl Ether	EPA Method 625
Butylbenzyl Phthalate	EPA Method 625
2-Chloronaphthalene	EPA Method 625
4-Chlorophenyl Phenyl Ether	EPA Method 625

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Chrysene	EPA Method 625
Dibenz[a,h]anthracene	EPA Method 625
1,2-Dichlorobenzene	EPA Method 625
1,3-Dichlorobenzene	EPA Method 625
1,4-Dichlorobenzene	EPA Method 625
3,3'-Dichlorobenzidine	EPA Method 625
Diethyl Phthalate	EPA Method 625
Dimethyl Phthalate	EPA Method 625
Di-n-butyl Phthalate	EPA Method 625
2,4-Dinitrotoluene	EPA Method 625
2,6-Dinitrotoluene	EPA Method 625
Di-n-octyl Phthalate	EPA Method 625
Fluoranthene	EPA Method 625
Fluorene	EPA Method 625
Hexachlorobenzene	EPA Method 625
Hexachlorobutadiene	EPA Method 625
Hexachlorocyclopentadiene	EPA Method 625
Hexachloroethane	EPA Method 625
Indeno[1,2,3-cd]pyrene	EPA Method 625
Isophorone	EPA Method 625
Naphthalene	EPA Method 625
Nitrobenzene	EPA Method 625
N-Nitrosodimethylamine	EPA Method 625
N-Nitrosodi-n-propylamine	EPA Method 625
N-Nitrosodiphenylamine	EPA Method 625
Phenanthrene	EPA Method 625
Pyrene	EPA Method 625
1,2,4-Trichlorobenzene	EPA Method 625
2-Chlorophenol	EPA Method 625
2,4-Dichlorophenol	EPA Method 625
2,4-Dimethylphenol	EPA Method 625
2-Methyl-4,6-dinitrophenol	EPA Method 625
2,4-Dinitrophenol	EPA Method 625
2-Nitrophenol	EPA Method 625
4-Nitrophenol	EPA Method 625
4-Chlorophenol-3-methylphenol	EPA Method 625
Pentachlorophenol	EPA Method 625
Phenol	EPA Method 625
2,4,6-Trichlorophenol	EPA Method 625

Non-Potable Water - Inorganic Chemistry

Alkalinity	SM2320B
Antimony	EPA Method 200.8

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Arsenic	EPA Method 200.8
Barium	EPA Method 200.8
Beryllium	EPA Method 200.8
Beryllium	SM3113B
Cadmium	EPA Method 200.8
Calcium	EPA Method 200.8
Chloride	EPA Method 300.0
Chromium (total)	EPA Method 200.8
Copper	EPA Method 200.8
Conductivity	SM2510B
Fluoride	EPA Method 300.0
Calcium hardness as CaCO ₃	SM2340B
Hardness	SM2340B
Iron	EPA Method 200.8
Lead	EPA Method 200.8
Magnesium	EPA Method 200.8
Manganese	EPA Method 200.8
Mercury	EPA Method 245.1
Nickel	EPA Method 200.8
Nitrate	EPA Method 353.2
Nitrite	EPA Method 353.2
Orthophosphate	SM4500PE
Potassium	EPA Method 200.8
Selenium	EPA Method 200.8
Silver	EPA Method 200.8
Sodium	EPA Method 200.8
Sulfate	EPA Method 300.0
Thallium	EPA Method 200.8
Zinc	EPA Method 200.8
Total Cyanide	EPA Method 335.4
pH	SM4500 H+ B
5-Day BOD	SM 5210B
Total Phosphorous	SM4500PE
Total Suspended Solids	SM2540D
Total Dissolved Solids	SM2540C
Turbidity	EPA Method 180.1

