



State of Rhode Island and Providence Plantations  
DEPARTMENT OF HEALTH

RHODE ISLAND DEPARTMENT OF HEALTH LABORATORY  
50 Orms Street  
Providence, RI 02904  
401 222-5600

APPENDIX TO ANALYTICAL LABORATORY CERTIFICATE # LAI00121

Expiration Date: December 31, 2024

Date Issued: February 26, 2024

**Potable Water - Microbiology**

Total Coliform	SM9223B Colilert-18
Total Coliform	SM9223B Colilert
Total Coliform	SM 9223B Colisure
E.Coli	SM9223B Colilert-18
E.Coli	SM9223B Colilert
E.Coli	SM 9223B Colisure
Heterotrophic Plate Count	SM9215B MF
Enterococci	Enterolert PA

**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
o xylene	EPA Method 524.2
m+p xylene	EPA Method 524.2
Xylenes (total)	EPA Method 524.2
MTBE	EPA Method 524.2
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



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Hexachlorobutadiene	EPA Method 524.2
Isopropylbenzene	EPA Method 524.2
4-Isopropyltoluene	EPA Method 524.2
n-Butylbenzene	EPA Method 524.2
n-Propylbenzene	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
1,1,2,2-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
Naphthalene	EPA Method 524.2
Bromoform	EPA Method 524.2
Bromodichloromethane	EPA Method 524.2
Chloroform	EPA Method 524.2
Dibromochloromethane	EPA Method 524.2
TTHM's	EPA Method 524.2
EDB (Ethylene dibromide)	EPA Method 504.1
DBCP (Dibromochloropropane)	EPA Method 504.1
Acenaphthylene	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
2,4-D	EPA Method 515.3
2,4,5-TP (Silvex)	EPA Method 515.3
Acifluorfen	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 531.1



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Chlordane (technical)	EPA Method 505
Dalapon	EPA Method 515.3
Dinoseb	EPA Method 515.3
Endrin	EPA Method 525.2
Endrin	EPA Method 505
Heptachlor	EPA Method 525.2
Heptachlor epoxide	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 505
PCB-1016	EPA Method 505
PCB-1221	EPA Method 505
PCB-1232	EPA Method 505
PCB-1242	EPA Method 505
PCB-1248	EPA Method 505
PCB-1254	EPA Method 505
PCB-1260	EPA Method 505
PCB Aroclor Identity	EPA Method 505
DCPA	EPA Method 515.3
Molinate	EPA Method 525.2
Aldrin	EPA Method 525.2
Butachlor	EPA Method 525.2
Carbaryl	EPA Method 531.1
Dicamba	EPA Method 515.3
Dieldrin	EPA Method 525.2
3-Hydrocarbofuran	EPA Method 531.1
Methomyl	EPA Method 531.1
Metolachlor	EPA Method 525.2
Metribuzin	EPA Method 525.2
Propachlor	EPA Method 525.2
Dacthal diacid (DCPA)	EPA 515.3
2,4 DB	EPA 515.3
Dichlorprop	EPA 515.3
4-Nitrophenol	EPA 515.3
2,4,5 TP Silvex	EPA 515.3
2,4,5-T	EPA 515.3
Bromoacetic Acid	EPA Method 552.2
Bromochloroacetic Acid	EPA Method 552.2
Chloroacetic Acid	EPA Method 552.2
Dibromoacetic Acid	EPA Method 552.2
Dichloroacetic Acid	EPA Method 552.2
Trichloroacetic Acid	EPA Method 552.2
HAA5	EPA Method 552.2
N-ethyl perfluorooctanesulfonamidoacetic acid (NEFOSAA)	EPA 537.1
N-methyl perfluorooctanesulfonamidoacetic acid	EPA 537.1
Perfluorotetradecanoic acid (PFTDA)	EPA 537.1
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1



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1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	EPA 533
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	EPA 533
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	EPA 533
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 533
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	EPA 533
11-chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-4,8-dioxa-3H-perfluorononanoic acid (ADONA)	EPA 533
Hexafluoropropylene oxide dimer acid (HFPO-DA)	EPA 533
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	EPA 533
N-methyl perfluorooctanesulfonamidoacetic acid	EPA 533
Perfluorobutanoic acid (PFBA)	EPA 533
Perfluorobutanesulfonic acid (PFBS)	EPA 533
Perfluorodecanoic acid (PFDA)	EPA 533
Perfluorododecanoic acid (PFDoA)	EPA 533
Perfluoroheptanoic acid (PFHpA)	EPA 533
Perfluorohexanesulfonic acid (PFHxS)	EPA 533
Perfluoroheptane sulfonic acid (PFHpS)	EPA 533
Perfluorohexanoic acid (PFHxA)	EPA 533
Perfluoro-3-methoxypropanoic acid (PFMPA)	EPA 533
Perfluoro-4-methoxybutanoic acid (PFMBA)	EPA 533
Perfluorononanoic acid (PFNA)	EPA 533
Perfluorooctanesulfonic acid (PFOS)	EPA 533
Perfluorooctanoic acid (PFOA)	EPA 533
Perfluoropentanoic acid (PFPeA)	EPA 533
Perfluoropentane sulfonic acid (PFPeS)	EPA 533
Perfluorotetradecanoic acid (PFTDA)	EPA 533
Perfluorotridecanoic acid (PFTrDA)	EPA 533
Perfluoroundecanoic acid (PFUdA)	EPA 533

**Potable Water - Inorganic Chemistry**

Alkalinity	SM 2320B
Aluminum	EPA Method 200.8
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
Chromium	EPA Method 200.8
Copper	EPA Method 200.8
Iron	EPA Method 200.8
Lead	EPA Method 200.8
Magnesium	EPA Method 200.8
Manganese	EPA Method 200.8
Nickel	EPA Method 200.8
Potassium	EPA Method 200.8
Selenium	EPA Method 200.8
Silver	EPA Method 200.8
Sodium	EPA Method 200.8
Sulfate	EPA Method 375.2



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Thallium	EPA Method 200.8
Zinc	EPA Method 200.8
Chloride	SM4500-Cl- E
Conductivity	SM 2510B
Cyanide	EPA Method 335.4
Fluoride	SM4500F- C
Ca Hardness as CaCO <sub>3</sub>	SM 2340B
Hardness	SM 2340B
Mercury	EPA Method 245.1
Mercury	EPA Method 200.8
Nitrate	EPA Method 353.2
Nitrite	EPA Method 353.2
pH	EPA Method 150.1
Total Dissolved Solids	SM 2540C
Turbidity	EPA Method 180.1

**Non-Potable Water - Microbiology**

Total Coliform MPN	SM9221B LTB
Fecal Coliform - E.coli MPN	SM9221B E LTBEC
Enterococci MPN	IDEXX Enterolert
Total Coliform	SM9223B Colilert
E.Coli	SM9223B Colilert

**Non-Potable Water - Inorganic Chemistry**

Alkalinity	SM2320B
Aluminum	EPA Method 200.8
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
Chloride	SM4500-Cl E
Chromium (total)	EPA Method 200.8
Copper	EPA Method 200.8
Conductivity	SM2510B
Fluoride	SM4500 F- C
Calcium hardness as CaCO <sub>3</sub>	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	EPA Method 365.1
Potassium	EPA Method 200.8



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Selenium	EPA Method 200.8
Silver	EPA Method 200.8
Sodium	EPA Method 200.8
Sulfate	EPA Method 375.2
Thallium	EPA Method 200.8
Zinc	EPA Method 200.8
Total Cyanide	EPA Method 335.4
pH	EPA Method 150.1
Total Phosphorous	EPA Method 365.1
Total Suspended Solids	SM2540D
Total Dissolved Solids	SM2540C
Turbidity	EPA Method 180.1