

State of Maine

Laboratory Accreditation Program

Awards Accreditation To

ESS Laboratory

Located at

185 Frances Avenue, Cranston, RI 02910

For the demonstration of capability of performing the analyses listed on the attached accredited analyte list(s) as required by 22 M.R.S.A., Chapter 157-A.

Laboratory ID: RI00002

Certificate Number: 2025002

Date of Issue: 2025-01-23

Expiration Date: 2027-01-22

Christine Blair

Accreditation Officer

This certificate must be displayed with the corresponding analyte list.
This certificate supersedes all previously issued certificates. Continuing accreditation status is dependent on successful ongoing participation in the program. Customers may verify the laboratory's current accreditation status by calling (207) 287-1929.



Department of Health and Human Services
Maine Center for Disease Control and Prevention
286 Water Street
11 State House Station
Augusta, Maine 04333-0011
Tel: (207) 287-1929; Fax: (207) 287-4172
TTY: 1-800-606-0215

Field of Testing Summary for:

ESS Laboratory

185 Frances Avenue
Cranston, RI 02910

(401) 461-7181

As required by 22 M.R.S.A Chapter 157-A the laboratory demonstrated the capability to analyze samples under 10-144 and 06-096 CMR 263, the rule for laboratory accreditation and is hereby granted accreditation for:

EPA 1010A

Ignitability

Resource Conservation Recovery Program (S)

EPA 1311

Extraction/Preparation

Resource Conservation Recovery Program (S)

EPA 300.0 Rev. 2.1

Chloride

Clean Water Program (NPW)

Fluoride

Clean Water Program (NPW)

Sulfate

Clean Water Program (NPW)

EPA 3005A

Extraction/Preparation

Resource Conservation Recovery Program (NPW)

EPA 3050B

Extraction/Preparation

Resource Conservation Recovery Program (S)

EPA 350.1 Rev. 2.0

Ammonia as N

Clean Water Program (NPW)

EPA 3510C

Extraction/Preparation

Resource Conservation Recovery Program (NPW)

EPA 3520C

Extraction/Preparation

Resource Conservation Recovery Program (NPW)

EPA 3540C

Extraction/Preparation

Resource Conservation Recovery Program (S)

EPA 3546

Extraction/Preparation

Resource Conservation Recovery Program (S)

EPA 3580A

Extraction/Preparation

Resource Conservation Recovery Program (NPW)

Extraction/Preparation

Resource Conservation Recovery Program (S)

EPA 504.1 Rev. 1.1

1,2-Dibromo-3-chloropropane (DBCP)

Safe Drinking Water Program (DW)

1,2-Dibromoethane (EDB, Ethylene dibromide)

Safe Drinking Water Program (DW)

EPA 524.2 Rev. 4.1

1,1,1-Trichloroethane

Safe Drinking Water Program (DW)

1,1,2-Trichloroethane

Safe Drinking Water Program (DW)

1,1-Dichloroethylene

Safe Drinking Water Program (DW)

1,2,4-Trichlorobenzene

Safe Drinking Water Program (DW)

1,2-Dichlorobenzene

Safe Drinking Water Program (DW)

1,2-Dichloroethane

Safe Drinking Water Program (DW)

1,2-Dichloropropane

Safe Drinking Water Program (DW)

1,4-Dichlorobenzene

Safe Drinking Water Program (DW)

Benzene

Safe Drinking Water Program (DW)

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RI00002

42

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Christine Blais, Accreditation Officer

EPA 6010D

[illegible]

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Christine Bliss

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EPA 8082A

Aroclor-1016 (PCB-1016)
Aroclor-1016 (PCB-1016)
Aroclor-1221 (PCB-1221)
Aroclor-1221 (PCB-1221)
Aroclor-1232 (PCB-1232)
Aroclor-1232 (PCB-1232)
Aroclor-1242 (PCB-1242)
Aroclor-1242 (PCB-1242)
Aroclor-1248 (PCB-1248)
Aroclor-1248 (PCB-1248)
Aroclor-1254 (PCB-1254)
Aroclor-1254 (PCB-1254)
Aroclor-1260 (PCB-1260)
Aroclor-1260 (PCB-1260)
Aroclor-1262 (PCB 1262)
Aroclor-1262 (PCB 1262)
Aroclor-1268 (PCB-1268)
Aroclor-1268 (PCB-1268)

EPA 8151A

2.4.5.T

[illegible][illegible]

Resource Conservation Recovery Program (NPW)

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Christine L. Davis

Christine Blais, Accreditation Officer

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RI00002	42
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Hexachlorobutadiene
Hexachlorobutadiene
Isopropylbenzene
Isopropylbenzene
Methyl acetate
Methyl acetate
Methyl chloride (Chloromethane)
Methyl chloride (Chloromethane)
Methyl isobutyl ketone (MIBK)
Methyl tert-butyl ether (MTBE)
Methyl tert-butyl ether (MTBE)
Methylcyclohexane
Methylcyclohexane
Methylene chloride
Methylene chloride
Naphthalene
Naphthalene
n-Butylbenzene
n-Butylbenzene
sec-Butylbenzene
sec-Butylbenzene
Styrene
Styrene
Tetrachloroethylene
Tetrachloroethylene
Toluene
Toluene
trans-1,2-Dichloroethylene
trans-1,2-Dichloroethylene
trans-1,3-Dichloropropylene
trans-1,3-Dichloropropylene
Trichloroethene (Trichloroethylene)
Trichloroethene (Trichloroethylene)
Trichlorofluoromethane
Trichlorofluoromethane
Vinyl chloride
Vinyl chloride
Xylene (total)
Xylene (total)

EPA 8270E

1,1'-Biphenyl
1,1'-Biphenyl
1,2,4,5-Tetrachlorobenzene
1,2,4,5-Tetrachlorobenzene
1,2,4-Trichlorobenzene
1,2,4-Trichlorobenzene
1,2-Dichlorobenzene
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1,4-Dichlorobenzene
1,4-Dichlorobenzene
2,3,4,6-Tetrachlorophenol
2,3,4,6-Tetrachlorophenol
2,4,5-Trichlorophenol
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
2,4,6-Trichlorophenol
2,4-Dichlorophenol
2,4-Dichlorophenol

Resource Conservation Recovery Program (NPW)
Resource Conservation Recovery Program (S)
Resource Conservation Recovery Program (NPW)
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Resource Conservation Recovery Program (NPW)
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2,4-Dimethylphenol
2,4-Dimethylphenol
2,4-Dinitrophenol
2,4-Dinitrophenol
2,4-Dinitrotoluene (2,4-DNT)
2,4-Dinitrotoluene (2,4-DNT)
2,6-Dinitrotoluene (2,6-DNT)
2,6-Dinitrotoluene (2,6-DNT)
2-Chloronaphthalene
2-Chloronaphthalene
2-Chlorophenol
2-Chlorophenol
2-Methylnaphthalene
2-Methylnaphthalene
2-Methylphenol (o-Cresol)
2-Methylphenol (o-Cresol)
2-Nitroaniline
2-Nitroaniline
2-Nitrophenol
2-Nitrophenol
3 & 4 Methylphenol
3 & 4 Methylphenol
3,3'-Dichlorobenzidine
3,3'-Dichlorobenzidine
3-Nitroaniline
3-Nitroaniline
4,6-Dinitro-2-methylphenol
4,6-Dinitro-2-methylphenol
4-Bromophenyl phenyl ether
4-Bromophenyl phenyl ether
4-Chloro-3-methylphenol
4-Chloro-3-methylphenol
4-Chloroaniline
4-Chloroaniline
4-Chlorophenyl phenylether
4-Chlorophenyl phenylether
4-Nitroaniline
4-Nitroaniline
4-Nitrophenol
4-Nitrophenol
Acenaphthene
Acenaphthene
Acenaphthylene
Acenaphthylene
Acetophenone
Acetophenone
Aniline
Anthracene
Anthracene
Atrazine
Atrazine
Benzidine
Benzidine
Benzo[a]anthracene
Benzo[a]anthracene
Benzo[a]pyrene
Benzo[a]pyrene
Benzo[b]fluoranthene
Benzo[b]fluoranthene
Benzo[g,h,i]perylene

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Christine Bliss

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Phenanthrene
Phenanthrene
Phenol
Phenol
Pyrene
Pyrene
Pyridine
Pyridine
EPA 9010C
Total Cyanide
Total Cyanide
EPA 9014
Total Cyanide
Total Cyanide
EPA 9040C
pH
pH
EPA 9045D
pH
EPA 9050A
Conductivity
Conductivity
EPA 9056A
Chloride
Fluoride
Sulfate
EPA 9060A
Total Organic Carbon
Total Organic Carbon
MA VPH 2.1
Benzene
Benzene
Ethylbenzene
Ethylbenzene
m+p-Xylene
m+p-Xylene
Methyl tert-butyl ether (MTBE)
Methyl tert-butyl ether (MTBE)
Naphthalene
Naphthalene
o-Xylene
o-Xylene
Toluene
Toluene
VPH Aliphatic C5-C8
VPH Aliphatic C5-C8
VPH Aliphatic C9-C12
VPH Aliphatic C9-C12
VPH Aromatic C9-C10
VPH Aromatic C9-C10
Xylene (total)
Xylene (total)
MADEP EPH 2.1
2-Methylnaphthalene
2-Methylnaphthalene
Acenaphthene
Acenaphthene
Acenaphthylene
Acenaphthylene

Leaking Underground Storage Tank Program (NPW)
Leaking Underground Storage Tank Program (S)
Leaking Underground Storage Tank Program (NPW)
Leaking Underground Storage Tank Program (S)
Leaking Underground Storage Tank Program (NPW)
Leaking Underground Storage Tank Program (S)

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