

CALA ACCREDITATION PROGRAM
PROPOSED SCOPE OF TESTING
Correlation Proviso: All Options

LABORATORY NAME: Eurofins Enviro-Works Inc.

CLIENT ID: 1003166

FIELD OF ACCREDITATION: Environmental

MATRIX: Air

APPENDIX NO / NAME

002 Asbestos - Air

LAB METHOD ID

SOP 100.6

ANALYTICAL

PHASE CONTRAST MICROSCOPY
(PCM)/FIBRE ANALYSIS

PREPARATION

METHOD REFERENCE

NIOSH 7400

MODIFIED

Yes

ANALYTICAL

Yes

PREPARATION

No

ANALYTE:

Asbestos

OPTION

100%

PT

Proficient

ACCRED

Yes

APPENDIX NO / NAME

003 Fungi - Air

LAB METHOD ID

SOP 200.1

ANALYTICAL

MICROSCOPY

PREPARATION

METHOD REFERENCE

ASTM D7391-09

MODIFIED

Yes

ANALYTICAL

Yes

PREPARATION

No

ANALYTE:

Fungal Propagule - Genus

OPTION

100%

PT

Proficient

ACCRED

Yes

APPENDIX NO / NAME

006 Lead - Air

LAB METHOD ID

SOP 300.4

ANALYTICAL

ATOMIC ABSORPTION
SPECTROSCOPY (AAS)

PREPARATION

METHOD REFERENCE

ASTM D6785-13

MODIFIED

No

ANALYTICAL

Yes

PREPARATION

No

ANALYTE:

Lead

OPTION

100%

PT

Proficient

ACCRED

Yes

APPENDIX NO / NAME

009 Silica - Air

LAB METHOD ID

SOP 700.1

ANALYTICAL

X-RAY DIFFRACTION (XRD)

PREPARATION

CALA ACCREDITATION PROGRAM
PROPOSED SCOPE OF TESTING
Correlation Proviso: All Options

LABORATORY NAME: Eurofins Enviro-Works Inc.

CLIENT ID: 1003166

METHOD REFERENCE

NIOSH 7500

MODIFIED

No

ANALYTICAL

Yes

PREPARATION

No

ANALYTE:

Silica

OPTION

100%

PT

Proficient

ACCRED

Yes

APPENDIX NO / NAME

010 Volatile Organic Compounds (VOC) - Air [Sorbent Tube]

LAB METHOD ID

SOP-1100.1

ANALYTICAL

GC/MS-THERMAL DESORPTION

PREPARATION

METHOD REFERENCE

EPA TO-17

MODIFIED

Yes

ANALYTICAL

Yes

PREPARATION

Yes

ANALYTE:

OPTION

67%

PT

ACCRED

1,1,1,2-Tetrachloroethane

ii

Proficient

Yes

1,1,1-Trichloroethane

ii

Proficient

Yes

1,1,2,2-Tetrachloroethane

ii

Proficient

Yes

1,1,2-Trichloro-1,2,2-trifluoroethane (CFC-113, Freon 113)

N/A

Yes

1,1,2-Trichloroethane

ii

Proficient

Yes

1,1-Dichloroethane

ii

Proficient

Yes

1,1-Dichloroethene (1,1-Dichloroethylene)

ii

Proficient

Yes

1,1-Dichloropropene

ii

Proficient

Yes

1,2,3-Trichlorobenzene

ii

Proficient

Yes

1,2,3-Trichloropropane

ii

Proficient

Yes

1,2,4-Trichlorobenzene

ii

Proficient

Yes

1,2,4-Trimethylbenzene

ii

Proficient

Yes

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

ii

Proficient

Yes

1,2-Dibromoethane (Ethylene dibromide)

ii

Proficient

Yes

1,2-Dichlorobenzene

ii

Proficient

Yes

1,2-Dichloroethane

ii

Proficient

Yes

1,2-Dichloropropane

ii

Proficient

Yes

1,3,5-Trimethylbenzene

ii

Proficient

Yes

1,3-Butadiene

N/A

Yes

1,3-Dichlorobenzene

ii

Proficient

Yes

1,3-Dichloropropane

ii

Proficient

Yes

1,4-Dichlorobenzene

ii

Proficient

Yes

2,4-Dimethylphenol

N/A

Yes

2-Butanone (Methyl ethyl ketone, MEK)

ii

Proficient

Yes

2-Chlorotoluene

ii

Proficient

Yes

2-Hexanone (Methyl butyl ketone, MBK)

ii

Proficient

Yes

2-Methoxyphenol

N/A

Yes

2-Methylnaphthalene

N/A

Yes

2-Methylphenol (o-Cresol)

N/A

Yes

3-Methylphenol + 4-Methylphenol (m-Cresol + p-Cresol)

N/A

Yes

4-Chlorotoluene (p-Chlorotoluene)

ii

Proficient

Yes

4-ethyl-2-Methoxyphenol

N/A

Yes

4-Isopropyltoluene (p-Cymene)

ii

Proficient

Yes

Acenaphthylene

N/A

Yes

Acetone (2-Propanone)

ii

Proficient

Yes

Acetonitrile

ii

Proficient

Yes

Acrolein (Propenal)

ii

Proficient

Yes

Acrylonitrile

ii

Proficient

Yes

Allyl chloride (3-chloropropene)

N/A

Yes

Benzene

ii

Proficient

Yes

Biphenyl (1,1-Biphenyl)

N/A

Yes

Bromobenzene

ii

Proficient

Yes

CALA ACCREDITATION PROGRAM
PROPOSED SCOPE OF TESTING
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LABORATORY NAME: Eurofins Enviro-Works Inc.

CLIENT ID: 1003166

Bromochloromethane	ii	Proficient	Yes
Bromodichloromethane	ii	Proficient	Yes
Bromoform	ii	Proficient	Yes
Butylbenzene (n-Butylbenzene)	ii	Proficient	Yes
Carbon disulfide	ii	Proficient	Yes
Carbon tetrachloride	ii	Proficient	Yes
Chlorobenzene	ii	Proficient	Yes
Chlorodibromomethane	ii	Proficient	Yes
Chloroethane (Ethyl chloride)	ii	Proficient	Yes
Chloroform	ii	Fail(1)	Possible Suspension
Chloromethane (Methyl chloride)	ii	Fail(1)	Possible Suspension
cis-1,2-Dichloroethylene	ii	Proficient	Yes
cis-1,3-Dichloropropene	ii	Proficient	Yes
cis-1,4-Dichloro-2-butene	N/A		Yes
Creosol	N/A		Yes
Decane (n-Decane)	N/A		Yes
Dibromomethane	ii	Proficient	Withdrawn
Dichlorodifluoromethane (CFC-12, Freon 12)	ii	Proficient	Yes
Dichloromethane (Methylene Chloride)	ii	Proficient	Yes
Ethyl acetate	N/A		Yes
Ethyl ether	N/A		Yes
Ethyl methacrylate (Ethyl-2-Methyl-2-Propenoate)	N/A		Yes
Ethylbenzene	ii	Proficient	Yes
Furfural (2-Furaldehyde, Furfuraldehyde)	N/A		Yes
Heptane (n-Heptane)	N/A		Yes
Hexachlorobutadiene	ii	Proficient	Yes
Hexane (n-Hexane)	N/A		Yes
Isopropylbenzene (Cumene)	ii	Proficient	Yes
m,p-Xylene	ii	Proficient	Yes
Methacrylonitrile	N/A		Yes
Methyl acrylate	N/A		Yes
Methyl isobutyl ketone (MIBK)	ii	Proficient	Withdrawn
Methyl methacrylate	N/A		Yes
Methyl tert-butyl ether (MTBE)	ii	Proficient	Withdrawn
Methylbiphenyl	N/A		Yes
Naphthalene	ii	Proficient	Yes
Nitrobenzene	ii	Proficient	Yes
n-Nonane	N/A		Yes
n-Octane	N/A		Yes
n-Propylbenzene	ii	Proficient	Yes
o-Xylene	ii	Proficient	Yes
p-Dioxane	N/A		Yes
Pentachloroethane	N/A		Yes
Propionitrile	N/A		Yes
Salicylaldehyde	N/A		Yes
sec-Butylbenzene ((1-Methylpropyl)benzene)	ii	Proficient	Yes
Styrene	ii	Proficient	Yes
tert-Butylbenzene	ii	Proficient	Yes
Tetrachloroethene	ii	Proficient	Yes
Tetrahydrofuran (THF)	N/A		Yes
Toluene	ii	Proficient	Yes
trans-1,2-Dichloroethylene	ii	Proficient	Yes
trans-1,3-Dichloropropene	ii	Proficient	Yes
trans-1,4-Dichloro-2-butene	N/A		Yes
Trichloroethene	ii	Proficient	Yes
Trichlorofluoromethane (CFC-11, Freon 11)	ii	Proficient	Yes
Vinyl chloride	ii	Proficient	Yes

APPENDIX NO / NAME

016 Lead - Air

LAB METHOD ID

ANALYTICAL

PREPARATION

CALA ACCREDITATION PROGRAM
PROPOSED SCOPE OF TESTING
Correlation Proviso: All Options

LABORATORY NAME: Eurofins Enviro-Works Inc.

CLIENT ID: 1003166

SOP-1300.1

ICP/OES

ACID DIGESTION

METHOD REFERENCE

MODIFIED

ANALYTICAL

PREPARATION

NIOSH 7303

No

No

Yes

ANALYTE:

OPTION

PT

ACCRED

100%

Lead

ii

Proficient

Yes

APPENDIX NO / NAME

017 Trace Elements - Air

LAB METHOD ID

ANALYTICAL

PREPARATION

SOP-1300.1

ICP/OES

ACID DIGESTION

METHOD REFERENCE

MODIFIED

ANALYTICAL

PREPARATION

NIOSH 7303

No

No

Yes

ANALYTE:

OPTION

PT

ACCRED

100%

Aluminum

vi

Yes

Antimony

vi

Yes

Arsenic

vi

Yes

Barium

vi

Yes

Beryllium

vi

Yes

Boron

vi

Yes

Cadmium

ii

Proficient

Yes

Calcium

vi

Yes

Chromium

ii

Proficient

Yes

Cobalt

vi

Yes

Copper

vi

Yes

Iron

vi

Yes

Lead

ii

Proficient

Yes

Lithium

vi

Yes

Magnesium

vi

Yes

Manganese

ii

Proficient

Yes

Molybdenum

vi

Yes

Nickel

ii

Proficient

Yes

Potassium

vi

Yes

Selenium

vi

Yes

Silver

vi

Yes

Sodium

vi

Yes

Strontium

vi

Yes

Thallium

vi

Yes

Tin

vi

Yes

Titanium

vi

Yes

Vanadium

vi

Yes

Zinc

vi

Yes

MATRIX: Dustfall

APPENDIX NO / NAME

014 Lead - Dustfall

LAB METHOD ID

ANALYTICAL

PREPARATION

SOP 300.4

ICP/OES

ACID DIGESTION

CALA ACCREDITATION PROGRAM
PROPOSED SCOPE OF TESTING
Correlation Proviso: All Options

LABORATORY NAME: Eurofins Enviro-Works Inc.

CLIENT ID: 1003166

METHOD REFERENCE

ASTM E1644

MODIFIED

Yes

ANALYTICAL

No

PREPARATION

Yes

ANALYTE:

Lead

OPTION

100%

PT

Proficient

ACCRED

Yes

MATRIX: Paint

APPENDIX NO / NAME

007 Lead - Paint

LAB METHOD ID

SOP 300.4

ANALYTICAL

ATOMIC ABSORPTION
SPECTROSCOPY (AAS)

PREPARATION

METHOD REFERENCE

ASTM E1613-12

MODIFIED

No

ANALYTICAL

Yes

PREPARATION

No

ANALYTE:

Lead

OPTION

100%

PT

Proficient

ACCRED

Yes

APPENDIX NO / NAME

015 Lead - Paint

LAB METHOD ID

SOP 300.4

ANALYTICAL

ICP/OES

PREPARATION

ACID DIGESTION

METHOD REFERENCE

ASTM E1645

MODIFIED

Yes

ANALYTICAL

No

PREPARATION

Yes

ANALYTE:

Lead

OPTION

100%

PT

Proficient

ACCRED

Yes

MATRIX: Solids

APPENDIX NO / NAME

001 Asbestos - Solids [Bulk]

LAB METHOD ID

SOP 100.2

ANALYTICAL

POLARIZED LIGHT MICROSCOPY
(PLM)

PREPARATION

METHOD REFERENCE

EPA 600/R-93/116
NIOSH 9002

MODIFIED

Yes

Yes

ANALYTICAL

Yes

Yes

PREPARATION

No

No

ANALYTE:

OPTION

100%

PT

ACCRED

CALA ACCREDITATION PROGRAM
PROPOSED SCOPE OF TESTING
Correlation Proviso: All Options

LABORATORY NAME: Eurofins Enviro-Works Inc.

CLIENT ID: 1003166

Asbestos

ii Proficient Yes

APPENDIX NO / NAME

004 Fungi - Solids [Surface]

LAB METHOD ID

SOP 200.2

ANALYTICAL

PLAIN LIGHT MICROSCOPY

PREPARATION

METHOD REFERENCE

IN-HOUSE

MODIFIED

No

ANALYTICAL

Yes

PREPARATION

No

ANALYTE:

OPTION

PT

ACCRED

0%

Fungal Propagule - Genus

N/A

Yes

APPENDIX NO / NAME

005 Fungi - Solids [Bulk]

LAB METHOD ID

SOP 200.2

ANALYTICAL

PLAIN LIGHT MICROSCOPY

PREPARATION

METHOD REFERENCE

IN-HOUSE

MODIFIED

No

ANALYTICAL

Yes

PREPARATION

No

ANALYTE:

OPTION

PT

ACCRED

0%

Fungal Propagule - Genus

N/A

Yes

APPENDIX NO / NAME

018 Leachable Metals - Solids [Waste]

LAB METHOD ID

SOP 300.5

ANALYTICAL

ICP/OES

PREPARATION

TCLP

METHOD REFERENCE

EPA 1311

MODIFIED

No

ANALYTICAL

No

PREPARATION

Yes

ANALYTE:

OPTION

PT

ACCRED

100%

Leachable Lead

ii

Proficient Yes

APPENDIX NO / NAME

019 Lead - Solids [Soil]

LAB METHOD ID

SOP 300.4

ANALYTICAL

ICP/OES

PREPARATION

ACID DIGESTION

METHOD REFERENCE

ASTM E1726

MODIFIED

Yes

ANALYTICAL

No

PREPARATION

Yes

ANALYTE:

OPTION

PT

ACCRED

CALA ACCREDITATION PROGRAM
PROPOSED SCOPE OF TESTING
Correlation Proviso: All Options

LABORATORY NAME: Eurofins Enviro-Works Inc.

CLIENT ID: 1003166

Lead	100%	i	Proficient	Yes
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MATRIX: Waste

APPENDIX NO / NAME

008 Lead - Waste

LAB METHOD ID

SOP 300.5

ANALYTICAL

ATOMIC ABSORPTION
SPECTROSCOPY (AAS)

PREPARATION

TCLP

METHOD REFERENCE

EPA 1311

MODIFIED

No

ANALYTICAL

Yes

PREPARATION

No

ANALYTE:

Lead

OPTION

100%

PT

Proficient

ACCRED

Yes

MATRIX: Water

APPENDIX NO / NAME

011 Legionella - Water [Non-Potable, Potable]

LAB METHOD ID

SOP-600.6

ANALYTICAL

CULTURE (BCYE)

PREPARATION

METHOD REFERENCE

ISO 11731

MODIFIED

No

ANALYTICAL

Yes

PREPARATION

Yes

ANALYTE:

Legionella

OPTION

100%

PT

Proficient

ACCRED

Yes

APPENDIX NO / NAME

012 Coliforms - Water [Non-Potable, Potable]

LAB METHOD ID

SOP-600.7

ANALYTICAL

QUANTI-TRAY (COLILERT-18)

PREPARATION

METHOD REFERENCE

COLILERT TEST KIT IDEXX LABORATORIES
INC. WESTBROOK, MAINE, USA

MODIFIED

No

ANALYTICAL

Yes

PREPARATION

Yes

ANALYTE:

Escherichia coli (E. coli) (18hr)
Fecal (Thermotolerant) Coliforms
Total Coliforms (MPN)

OPTION

100%

PT

Proficient
Proficient
Proficient

ACCRED

Yes
Yes
Yes

APPENDIX NO / NAME

CALA ACCREDITATION PROGRAM
PROPOSED SCOPE OF TESTING
Correlation Proviso: All Options

LABORATORY NAME: Eurofins Enviro-Works Inc.

CLIENT ID: 1003166

013 Heterotrophic Plate Count (HPC) - Water [Non-Potable, Potable]

<u>LAB METHOD ID</u>		<u>ANALYTICAL</u>		<u>PREPARATION</u>
SOP-600.8		MOST PROBABLE NUMBER (MPN) (SIMPLATE)		
<u>METHOD REFERENCE</u>	<u>MODIFIED</u>	<u>ANALYTICAL</u>		<u>PREPARATION</u>
IDEXX SIMPLATE	No	Yes		Yes
<u>ANALYTE:</u>		<u>OPTION</u>	<u>PT</u>	<u>ACCRED</u>
		100%		
Heterotrophic Plate Count (HPC)		ii	Proficient	Yes