



THE STATE
of **ALASKA**
GOVERNOR MICHAEL J. DUNLEAVY

Department of Environmental Conservation

DIVISION OF SPILL PREVENTION AND RESPONSE
Contaminated Sites Program
Laboratory Approval Program

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June 3, 2022

Elizabeth Webber-Bruya
Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029

RE: Contaminated Sites Laboratory Approval **17-017**

Thank you for submitting a completed application to the Alaska Department of Environmental Conservation's Contaminated Sites Laboratory Approval Program (CS-LAP), on April 19, 2022. Based on your lab's National Environmental Laboratory Accreditation Program (NELAP) approval through the Oregon Environmental Laboratory Accreditation Program (ORELAP), Friedman & Bruya, Inc., located at the above address, is granted **Approved** status to perform the analyses listed in the attached *Scope of Approval*, for Alaska contaminated sites projects, including underground storage tanks and leaking underground storage tank sites (UST/LUST), under the July 1, 2017 amendments to 18 AAC 78. This approval is effective May 5, 2022, and expires on **May 5, 2023**.

Be aware that in accordance with 18 AAC 78.815(b) and 18 AAC 78.815(e), **any** changes in your lab's NELAP and/or DoD-ELAP approval status for **any** analytes in **any** methods or **any** matrices must be reported to the CS-LAP within 3 business days. This includes any suspension of any analyte(s) due to failed Performance Testing (PT) or Performance Evaluation (PE) samples.

FAILURE TO REPORT A CHANGE IN STATUS WILL RESULT IN REVOCATION OF ALL CS-LAP APPROVALS FOR ALL ANALYTES AND ALL METHODS IN ALL MATRICES FOR A PERIOD OF ONE YEAR.

Notification should be in writing sent to cs.lab.cert@alaska.gov. We recommend also contacting the CS-LAP by telephone to verify that the message was received.

If you have any questions, please contact the CS-LAP at (907) 465-5390, or by email at cs.lab.cert@alaska.gov. Labs are also highly encouraged to join the CS-LAP listserv by going to <http://list.state.ak.us/mailman/listinfo/cs.lab.approval>.

Respectfully,

A handwritten signature in blue ink that reads "Brian Englund".

Brian Englund

Attachment: Scope of Approval

Scope of Approval

CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
83-32-9	Soil	Acenaphthene	8270E	ORELAP
83-32-9	Water	Acenaphthene	8270E	ORELAP
208-96-8	Soil	Acenaphthylene	8270E	ORELAP
208-96-8	Water	Acenaphthylene	8270E	ORELAP
67-64-1	Soil	Acetone	8260D	ORELAP
67-64-1	Water	Acetone	8260D	ORELAP
67-64-1	Air	Acetone	TO-15	ORELAP
309-00-2	Soil	Aldrin	8081B	ORELAP
309-00-2	Water	Aldrin	8081B	ORELAP
120-12-7	Soil	Anthracene	8270E	ORELAP
120-12-7	Water	Anthracene	8270E	ORELAP
7440-36-0	Soil	Antimony (metallic)	200.8	ORELAP
7440-36-0	Water	Antimony (metallic)	200.8	ORELAP
7440-36-0	Soil	Antimony (metallic)	6020B	ORELAP
7440-36-0	Water	Antimony (metallic)	6020B	ORELAP
7440-38-2	Soil	Arsenic, Inorganic	200.8	ORELAP
7440-38-2	Water	Arsenic, Inorganic	200.8	ORELAP
7440-38-2	Soil	Arsenic, Inorganic	6020B	ORELAP
7440-38-2	Water	Arsenic, Inorganic	6020B	ORELAP
7440-39-3	Soil	Barium	200.8	ORELAP
7440-39-3	Water	Barium	200.8	ORELAP
7440-39-3	Soil	Barium	6020B	ORELAP
7440-39-3	Water	Barium	6020B	ORELAP
56-55-3	Soil	Benz[a]anthracene	8270E	ORELAP
56-55-3	Water	Benz[a]anthracene	8270E	ORELAP
71-43-2	Soil	Benzene	8021B	ORELAP
71-43-2	Water	Benzene	8021B	ORELAP
71-43-2	Soil	Benzene	8260D	ORELAP
71-43-2	Water	Benzene	8260D	ORELAP
71-43-2	Air	Benzene	TO-15	ORELAP
71-43-2	Air	Benzene	TO-17	ORELAP
50-32-8	Soil	Benzo[a]pyrene	8270E	ORELAP
50-32-8	Water	Benzo[a]pyrene	8270E	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
205-99-2	Soil	Benzo[b]fluoranthene	8270E	ORELAP
205-99-2	Water	Benzo[b]fluoranthene	8270E	ORELAP
191-24-2	Soil	Benzo[g,h,i]perylene	8270E	ORELAP
191-24-2	Water	Benzo[g,h,i]perylene	8270E	ORELAP
207-08-9	Soil	Benzo[k]fluoranthene	8270E	ORELAP
207-08-9	Water	Benzo[k]fluoranthene	8270E	ORELAP
65-85-0	Soil	Benzoic Acid	8270E	ORELAP
65-85-0	Water	Benzoic Acid	8270E	ORELAP
100-51-6	Soil	Benzyl Alcohol	8270E	ORELAP
100-51-6	Water	Benzyl Alcohol	8270E	ORELAP
7440-41-7	Soil	Beryllium and compounds	200.8	ORELAP
7440-41-7	Water	Beryllium and compounds	200.8	ORELAP
7440-41-7	Soil	Beryllium and compounds	6020B	ORELAP
7440-41-7	Water	Beryllium and compounds	6020B	ORELAP
111-44-4	Soil	Bis(2-chloroethyl)ether	8270E	ORELAP
111-44-4	Water	Bis(2-chloroethyl)ether	8270E	ORELAP
117-81-7	Soil	Bis(2-ethylhexyl)phthalate (DEHP)	8270E	ORELAP
117-81-7	Water	Bis(2-ethylhexyl)phthalate (DEHP)	8270E	ORELAP
108-86-1	Soil	Bromobenzene	8260D	ORELAP
108-86-1	Water	Bromobenzene	8260D	ORELAP
75-27-4	Soil	Bromodichloromethane	8260D	ORELAP
75-27-4	Water	Bromodichloromethane	8260D	ORELAP
75-27-4	Air	Bromodichloromethane	TO-15	ORELAP
75-25-2	Soil	Bromoform	8260D	ORELAP
75-25-2	Water	Bromoform	8260D	ORELAP
75-25-2	Air	Bromoform	TO-15	ORELAP
74-83-9	Soil	Bromomethane	8260D	ORELAP
74-83-9	Water	Bromomethane	8260D	ORELAP
74-83-9	Air	Bromomethane	TO-15	ORELAP
106-99-0	Air	Butadiene, 1,3-	TO-15	ORELAP
85-68-7	Soil	Butyl Benzyl Phthalate	8270E	ORELAP
85-68-7	Water	Butyl Benzyl Phthalate	8270E	ORELAP
135-98-8	Soil	Butylbenzene, sec-	8260D	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
135-98-8	Water	Butylbenzene, sec-	8260D	ORELAP
98-06-6	Soil	Butylbenzene, tert-	8260D	ORELAP
98-06-6	Water	Butylbenzene, tert-	8260D	ORELAP
7440-43-9	Soil	Cadmium	200.8	ORELAP
7440-43-9	Water	Cadmium	200.8	ORELAP
7440-43-9	Soil	Cadmium	6020B	ORELAP
7440-43-9	Water	Cadmium	6020B	ORELAP
75-15-0	Air	Carbon Disulfide	TO-15	ORELAP
56-23-5	Soil	Carbon Tetrachloride	8260D	ORELAP
56-23-5	Water	Carbon Tetrachloride	8260D	ORELAP
56-23-5	Air	Carbon Tetrachloride	TO-15	ORELAP
56-23-5	Air	Carbon Tetrachloride	TO-17	ORELAP
5103-71-9	Soil	Chlordane, α -	8081B	ORELAP
5103-71-9	Water	Chlordane, α -	8081B	ORELAP
5103-74-2	Soil	Chlordane, γ -	8081B	ORELAP
5103-74-2	Water	Chlordane, γ -	8081B	ORELAP
106-47-8	Soil	Chloroaniline, p-	8270E	ORELAP
106-47-8	Water	Chloroaniline, p-	8270E	ORELAP
108-90-7	Soil	Chlorobenzene	8260D	ORELAP
108-90-7	Water	Chlorobenzene	8260D	ORELAP
108-90-7	Air	Chlorobenzene	TO-15	ORELAP
108-90-7	Air	Chlorobenzene	TO-17	ORELAP
67-66-3	Soil	Chloroform	8260D	ORELAP
67-66-3	Water	Chloroform	8260D	ORELAP
67-66-3	Air	Chloroform	TO-15	ORELAP
67-66-3	Air	Chloroform	TO-17	ORELAP
74-87-3	Soil	Chloromethane	8260D	ORELAP
74-87-3	Water	Chloromethane	8260D	ORELAP
74-87-3	Air	Chloromethane	TO-15	ORELAP
91-58-7	Soil	Chloronaphthalene, Beta-	8270E	ORELAP
91-58-7	Water	Chloronaphthalene, Beta-	8270E	ORELAP
95-57-8	Soil	Chlorophenol, 2-	8270E	ORELAP
95-57-8	Water	Chlorophenol, 2-	8270E	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
7440-47-3	Soil	Chromium (Total)	200.8	ORELAP
7440-47-3	Water	Chromium (Total)	200.8	ORELAP
7440-47-3	Soil	Chromium (Total)	6020B	ORELAP
7440-47-3	Water	Chromium (Total)	6020B	ORELAP
218-01-9	Soil	Chrysene	8270E	ORELAP
218-01-9	Water	Chrysene	8270E	ORELAP
7440-50-8	Soil	Copper	200.8	ORELAP
7440-50-8	Water	Copper	200.8	ORELAP
7440-50-8	Soil	Copper	6020B	ORELAP
7440-50-8	Water	Copper	6020B	ORELAP
N/A	Soil	Cresol, m- (3-Methylphenol) + Cresol, p- (4-Methylphenol)	8270E	ORELAP
N/A	Water	Cresol, m- (3-Methylphenol) + Cresol, p- (4-Methylphenol)	8270E	ORELAP
95-48-7	Soil	Cresol, o- (2-Methylphenol)	8270E	ORELAP
95-48-7	Water	Cresol, o- (2-Methylphenol)	8270E	ORELAP
98-82-8	Soil	Cumene (Isopropylbenzene)	8260D	ORELAP
98-82-8	Water	Cumene (Isopropylbenzene)	8260D	ORELAP
98-82-8	Air	Cumene (isopropylbenzene)	TO-15	ORELAP
110-82-7	Air	Cyclohexane	TO-15	ORELAP
72-54-8	Soil	DDD, 4,4'-	8081B	ORELAP
72-54-8	Water	DDD, 4,4'-	8081B	ORELAP
72-55-9	Soil	DDE, 4,4'-	8081B	ORELAP
72-55-9	Water	DDE, 4,4'-	8081B	ORELAP
50-29-3	Soil	DDT, 4,4'-	8081B	ORELAP
50-29-3	Water	DDT, 4,4'-	8081B	ORELAP
53-70-3	Soil	Dibenz[a,h]anthracene	8270E	ORELAP
53-70-3	Water	Dibenz[a,h]anthracene	8270E	ORELAP
132-64-9	Soil	Dibenzofuran	8270E	ORELAP
132-64-9	Water	Dibenzofuran	8270E	ORELAP
124-48-1	Soil	Dibromochloromethane	8260D	ORELAP
124-48-1	Water	Dibromochloromethane	8260D	ORELAP
106-93-4	Water	Dibromoethane, 1,2- (Ethylene Dibromide)	8011	ORELAP
106-93-4	Soil	Dibromoethane, 1,2- (Ethylene Dibromide)	8260D	ORELAP
106-93-4	Water	Dibromoethane, 1,2- (Ethylene Dibromide)	8260D	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
106-93-4	Air	Dibromoethane, 1,2- (Ethylene Dibromide)	TO-15	ORELAP
106-93-4	Air	Dibromoethane, 1,2- (Ethylene Dibromide)	TO-17	ORELAP
74-95-3	Soil	Dibromomethane (Methylene Bromide)	8260D	ORELAP
74-95-3	Water	Dibromomethane (Methylene Bromide)	8260D	ORELAP
84-74-2	Soil	Dibutyl Phthalate	8270E	ORELAP
84-74-2	Water	Dibutyl Phthalate	8270E	ORELAP
95-50-1	Soil	Dichlorobenzene, 1,2-	8260D	ORELAP
95-50-1	Water	Dichlorobenzene, 1,2-	8260D	ORELAP
95-50-1	Soil	Dichlorobenzene, 1,2-	8270E	ORELAP
95-50-1	Water	Dichlorobenzene, 1,2-	8270E	ORELAP
95-50-1	Air	Dichlorobenzene, 1,2-	TO-15	ORELAP
95-50-1	Air	Dichlorobenzene, 1,2-	TO-17	ORELAP
541-73-1	Soil	Dichlorobenzene, 1,3-	8260D	ORELAP
541-73-1	Water	Dichlorobenzene, 1,3-	8260D	ORELAP
541-73-1	Soil	Dichlorobenzene, 1,3-	8270E	ORELAP
541-73-1	Water	Dichlorobenzene, 1,3-	8270E	ORELAP
541-73-1	Air	Dichlorobenzene, 1,3-	TO-15	ORELAP
541-73-1	Air	Dichlorobenzene, 1,3-	TO-17	ORELAP
106-46-7	Soil	Dichlorobenzene, 1,4-	8260D	ORELAP
106-46-7	Water	Dichlorobenzene, 1,4-	8260D	ORELAP
106-46-7	Soil	Dichlorobenzene, 1,4-	8270E	ORELAP
106-46-7	Water	Dichlorobenzene, 1,4-	8270E	ORELAP
106-46-7	Air	Dichlorobenzene, 1,4-	TO-15	ORELAP
106-46-7	Air	Dichlorobenzene, 1,4-	TO-17	ORELAP
91-94-1	Soil	Dichlorobenzidine, 3,3'-	8270E	ORELAP
91-94-1	Water	Dichlorobenzidine, 3,3'-	8270E	ORELAP
75-71-8	Soil	Dichlorodifluoromethane (Freon-12)	8260D	ORELAP
75-71-8	Water	Dichlorodifluoromethane (Freon-12)	8260D	ORELAP
75-71-8	Air	Dichlorodifluoromethane (Freon-12)	TO-15	ORELAP
75-71-8	Air	Dichlorodifluoromethane (Freon-12)	TO-17	ORELAP
75-34-3	Soil	Dichloroethane, 1,1-	8260D	ORELAP
75-34-3	Water	Dichloroethane, 1,1-	8260D	ORELAP
75-34-3	Air	Dichloroethane, 1,1-	TO-15	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
75-34-3	Air	Dichloroethane, 1,1-	TO-17	ORELAP
107-06-2	Soil	Dichloroethane, 1,2-	8260D	ORELAP
107-06-2	Water	Dichloroethane, 1,2-	8260D	ORELAP
107-06-2	Air	Dichloroethane, 1,2-	TO-15	ORELAP
107-06-2	Air	Dichloroethane, 1,2-	TO-17	ORELAP
75-35-4	Soil	Dichloroethylene, 1,1-	8260D	ORELAP
75-35-4	Water	Dichloroethylene, 1,1-	8260D	ORELAP
75-35-4	Air	Dichloroethylene, 1,1-	TO-15	ORELAP
75-35-4	Air	Dichloroethylene, 1,1-	TO-17	ORELAP
156-59-2	Soil	Dichloroethylene, 1,2-cis-	8260D	ORELAP
156-59-2	Water	Dichloroethylene, 1,2-cis-	8260D	ORELAP
156-59-2	Air	Dichloroethylene, 1,2-cis-	TO-15	ORELAP
156-59-2	Air	Dichloroethylene, 1,2-cis-	TO-17	ORELAP
156-60-5	Soil	Dichloroethylene, 1,2-trans-	8260D	ORELAP
156-60-5	Water	Dichloroethylene, 1,2-trans-	8260D	ORELAP
156-60-5	Air	Dichloroethylene, 1,2-trans-	TO-15	ORELAP
120-83-2	Soil	Dichlorophenol, 2,4-	8270E	ORELAP
120-83-2	Water	Dichlorophenol, 2,4-	8270E	ORELAP
78-87-5	Soil	Dichloropropane, 1,2-	8260D	ORELAP
78-87-5	Water	Dichloropropane, 1,2-	8260D	ORELAP
78-87-5	Air	Dichloropropane, 1,2-	TO-15	ORELAP
78-87-5	Air	Dichloropropane, 1,2-	TO-17	ORELAP
542-75-6	Soil	Dichloropropene, 1,3- (cis + trans)	8260D	ORELAP
542-75-6	Water	Dichloropropene, 1,3- (cis + trans)	8260D	ORELAP
542-75-6	Air	Dichloropropene, 1,3- (cis + trans)	TO-15	ORELAP
10061-01-5	Air	Dichloropropene, cis-1,3-	TO-17	ORELAP
10061-02-6	Air	Dichloropropene, trans-1,3-	TO-17	ORELAP
60-57-1	Soil	Dieldrin	8081B	ORELAP
60-57-1	Water	Dieldrin	8081B	ORELAP
N/A	Soil	Diesel Range Organics (C10 – C25)	AK 102	ORELAP
N/A	Water	Diesel Range Organics (C10 – C25)	AK 102	ORELAP
84-66-2	Soil	Diethyl Phthalate	8270E	ORELAP
84-66-2	Water	Diethyl Phthalate	8270E	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
105-67-9	Soil	Dimethylphenol, 2,4-	8270E	ORELAP
105-67-9	Water	Dimethylphenol, 2,4-	8270E	ORELAP
131-11-3	Soil	Dimethylphthalate	8270E	ORELAP
131-11-3	Water	Dimethylphthalate	8270E	ORELAP
51-28-5	Soil	Dinitrophenol, 2,4-	8270E	ORELAP
51-28-5	Water	Dinitrophenol, 2,4-	8270E	ORELAP
121-14-2	Soil	Dinitrotoluene, 2,4- (2,4-DNT)	8270E	ORELAP
121-14-2	Water	Dinitrotoluene, 2,4- (2,4-DNT)	8270E	ORELAP
606-20-2	Soil	Dinitrotoluene, 2,6- (2,6-DNT)	8270E	ORELAP
606-20-2	Water	Dinitrotoluene, 2,6- (2,6-DNT)	8270E	ORELAP
123-91-1	Soil	Dioxane, 1,4-	8260D-SIM	ORELAP
123-91-1	Water	Dioxane, 1,4-	8260D-SIM	ORELAP
123-91-1	Air	Dioxane, 1,4-	TO-15	ORELAP
959-98-8	Soil	Endosulfan I	8081B	ORELAP
959-98-8	Water	Endosulfan I	8081B	ORELAP
33213-65-9	Soil	Endosulfan II	8081B	ORELAP
33213-65-9	Water	Endosulfan II	8081B	ORELAP
1031-07-8	Soil	Endosulfan sulfate	8081B	ORELAP
1031-07-8	Water	Endosulfan sulfate	8081B	ORELAP
72-20-8	Soil	Endrin	8081B	ORELAP
72-20-8	Water	Endrin	8081B	ORELAP
75-00-3	Soil	Ethyl Chloride	8260D	ORELAP
75-00-3	Water	Ethyl Chloride	8260D	ORELAP
75-00-3	Air	Ethyl Chloride	TO-15	ORELAP
100-41-4	Soil	Ethylbenzene	8021B	ORELAP
100-41-4	Water	Ethylbenzene	8021B	ORELAP
100-41-4	Soil	Ethylbenzene	8260D	ORELAP
100-41-4	Water	Ethylbenzene	8260D	ORELAP
100-41-4	Air	Ethylbenzene	TO-15	ORELAP
100-41-4	Air	Ethylbenzene	TO-17	ORELAP
206-44-0	Soil	Fluoranthene	8270E	ORELAP
206-44-0	Water	Fluoranthene	8270E	ORELAP
86-73-7	Soil	Fluorene	8270E	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
86-73-7	Water	Fluorene	8270E	ORELAP
N/A	Soil	Gasoline Range Organics (C6 – C10)	AK 101	ORELAP
N/A	Water	Gasoline Range Organics (C6 – C10)	AK 101	ORELAP
76-44-8	Soil	Heptachlor	8081B	ORELAP
76-44-8	Water	Heptachlor	8081B	ORELAP
1024-57-3	Soil	Heptachlor Epoxide	8081B	ORELAP
1024-57-3	Water	Heptachlor Epoxide	8081B	ORELAP
118-74-1	Soil	Hexachlorobenzene	8270E	ORELAP
118-74-1	Water	Hexachlorobenzene	8270E	ORELAP
87-68-3	Soil	Hexachlorobutadiene	8260D	ORELAP
87-68-3	Water	Hexachlorobutadiene	8260D	ORELAP
87-68-3	Soil	Hexachlorobutadiene	8270E	ORELAP
87-68-3	Water	Hexachlorobutadiene	8270E	ORELAP
87-68-3	Air	Hexachlorobutadiene	TO-15	ORELAP
87-68-3	Air	Hexachlorobutadiene	TO-17	ORELAP
319-84-6	Soil	Hexachlorocyclohexane, Alpha- (α -BHC)	8081B	ORELAP
319-84-6	Water	Hexachlorocyclohexane, Alpha- (α -BHC)	8081B	ORELAP
319-85-7	Soil	Hexachlorocyclohexane, Beta- (β -BHC)	8081B	ORELAP
319-85-7	Water	Hexachlorocyclohexane, Beta- (β -BHC)	8081B	ORELAP
319-86-8	Soil	Hexachlorocyclohexane, Delta- (δ -BHC)	8081B	ORELAP
319-86-8	Water	Hexachlorocyclohexane, Delta- (δ -BHC)	8081B	ORELAP
58-89-9	Soil	Hexachlorocyclohexane, Gamma- (Lindane)	8081B	ORELAP
58-89-9	Water	Hexachlorocyclohexane, Gamma- (Lindane)	8081B	ORELAP
77-47-4	Soil	Hexachlorocyclopentadiene	8270E	ORELAP
77-47-4	Water	Hexachlorocyclopentadiene	8270E	ORELAP
67-72-1	Soil	Hexachloroethane	8270E	ORELAP
67-72-1	Water	Hexachloroethane	8270E	ORELAP
110-54-3	Soil	Hexane, N-	8260D	ORELAP
110-54-3	Water	Hexane, N-	8260D	ORELAP
110-54-3	Air	Hexane, N-	TO-15	ORELAP
591-78-6	Soil	Hexanone, 2-	8260D	ORELAP
591-78-6	Water	Hexanone, 2-	8260D	ORELAP
591-78-6	Air	Hexanone, 2-	TO-15	ORELAP

Scope of Approval

CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
193-39-5	Soil	Indeno[1,2,3-cd]pyrene	8270E	ORELAP
193-39-5	Water	Indeno[1,2,3-cd]pyrene	8270E	ORELAP
78-59-1	Soil	Isophorone	8270E	ORELAP
78-59-1	Water	Isophorone	8270E	ORELAP
67-63-0	Air	Isopropanol	TO-15	ORELAP
7439-92-1	Soil	Lead, Total	200.8	ORELAP
7439-92-1	Water	Lead, Total	200.8	ORELAP
7439-92-1	Soil	Lead, Total	6020B	ORELAP
7439-92-1	Water	Lead, Total	6020B	ORELAP
7439-96-5	Water	Manganese	200.8	ORELAP
7439-96-5	Soil	Manganese	6020B	ORELAP
7439-96-5	Water	Manganese	6020B	ORELAP
7439-97-6	Soil	Mercury (elemental)	1631E	ORELAP
7439-97-6	Water	Mercury (elemental)	1631E	ORELAP
72-43-5	Soil	Methoxychlor	8081B	ORELAP
72-43-5	Water	Methoxychlor	8081B	ORELAP
78-93-3	Soil	Methyl Ethyl Ketone (2-Butanone)	8260D	ORELAP
78-93-3	Water	Methyl Ethyl Ketone (2-Butanone)	8260D	ORELAP
78-93-3	Air	Methyl Ethyl Ketone (2-Butanone)	TO-15	ORELAP
108-10-1	Soil	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	8260D	ORELAP
108-10-1	Water	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	8260D	ORELAP
108-10-1	Air	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	TO-15	ORELAP
1634-04-4	Soil	Methyl tert-Butyl Ether (MTBE)	8260D	ORELAP
1634-04-4	Water	Methyl tert-Butyl Ether (MTBE)	8260D	ORELAP
1634-04-4	Air	Methyl tert-Butyl Ether (MTBE)	TO-15	ORELAP
75-09-2	Soil	Methylene Chloride	8260D	ORELAP
75-09-2	Water	Methylene Chloride	8260D	ORELAP
75-09-2	Air	Methylene Chloride	TO-15	ORELAP
90-12-0	Soil	Methylnaphthalene, 1-	8270E	ORELAP
90-12-0	Water	Methylnaphthalene, 1-	8270E	ORELAP
91-57-6	Soil	Methylnaphthalene, 2-	8270E	ORELAP
91-57-6	Water	Methylnaphthalene, 2-	8270E	ORELAP
91-20-3	Soil	Naphthalene	8260D	ORELAP

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91-20-3	Water	Naphthalene	8260D	ORELAP
91-20-3	Soil	Naphthalene	8270E	ORELAP
91-20-3	Water	Naphthalene	8270E	ORELAP
91-20-3	Air	Naphthalene	TO-15	ORELAP
7440-02-0	Soil	Nickel, Total	200.8	ORELAP
7440-02-0	Water	Nickel, Total	200.8	ORELAP
7440-02-0	Soil	Nickel, Total	6020B	ORELAP
7440-02-0	Water	Nickel, Total	6020B	ORELAP
98-95-3	Soil	Nitrobenzene	8270E	ORELAP
98-95-3	Water	Nitrobenzene	8270E	ORELAP
62-75-9	Soil	Nitrosodimethylamine, N-	8270E	ORELAP
62-75-9	Water	Nitrosodimethylamine, N-	8270E	ORELAP
621-64-7	Soil	Nitroso-di-N-propylamine, N-	8270E	ORELAP
621-64-7	Water	Nitroso-di-N-propylamine, N-	8270E	ORELAP
86-30-6	Soil	Nitrosodiphenylamine, N-	8270E	ORELAP
86-30-6	Water	Nitrosodiphenylamine, N-	8270E	ORELAP
117-84-0	Soil	Octyl Phthalate, di-N-	8270E	ORELAP
117-84-0	Water	Octyl Phthalate, di-N-	8270E	ORELAP
12674-11-2	Soil	PCB - Aroclor-1016	8082A	ORELAP
12674-11-2	Water	PCB - Aroclor-1016	8082A	ORELAP
11104-28-2	Soil	PCB - Aroclor-1221	8082A	ORELAP
11104-28-2	Water	PCB - Aroclor-1221	8082A	ORELAP
11141-16-5	Soil	PCB - Aroclor-1232	8082A	ORELAP
11141-16-5	Water	PCB - Aroclor-1232	8082A	ORELAP
53469-21-9	Soil	PCB - Aroclor-1242	8082A	ORELAP
53469-21-9	Water	PCB - Aroclor-1242	8082A	ORELAP
12672-29-6	Soil	PCB - Aroclor-1248	8082A	ORELAP
12672-29-6	Water	PCB - Aroclor-1248	8082A	ORELAP
11097-69-1	Soil	PCB - Aroclor-1254	8082A	ORELAP
11097-69-1	Water	PCB - Aroclor-1254	8082A	ORELAP
11096-82-5	Soil	PCB - Aroclor-1260	8082A	ORELAP
11096-82-5	Water	PCB - Aroclor-1260	8082A	ORELAP
37324-23-5	Soil	PCB - Aroclor-1262	8082A	ORELAP

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37324-23-5	Water	PCB - Aroclor-1262	8082A	ORELAP
11100-14-4	Soil	PCB - Aroclor-1268	8082A	ORELAP
11100-14-4	Water	PCB - Aroclor-1268	8082A	ORELAP
87-86-5	Soil	Pentachlorophenol	8270E	ORELAP
87-86-5	Water	Pentachlorophenol	8270E	ORELAP
85-01-8	Soil	Phenanthrene	8270E	ORELAP
85-01-8	Water	Phenanthrene	8270E	ORELAP
108-95-2	Soil	Phenol	8270E	ORELAP
108-95-2	Water	Phenol	8270E	ORELAP
103-65-1	Soil	Propyl benzene	8260D	ORELAP
103-65-1	Water	Propyl benzene	8260D	ORELAP
129-00-0	Soil	Pyrene	8270E	ORELAP
129-00-0	Water	Pyrene	8270E	ORELAP
N/A	Soil	Residual Range Organics (C25 – C36)	AK 103	ORELAP
N/A	Water	Residual Range Organics (C25 – C36)	AK 103	ORELAP
7782-49-2	Water	Selenium	200.8	ORELAP
7782-49-2	Soil	Selenium	6020B	ORELAP
7782-49-2	Water	Selenium	6020B	ORELAP
7440-22-4	Soil	Silver	200.8	ORELAP
7440-22-4	Water	Silver	200.8	ORELAP
7440-22-4	Soil	Silver	6020B	ORELAP
7440-22-4	Water	Silver	6020B	ORELAP
100-42-5	Soil	Styrene	8260D	ORELAP
100-42-5	Water	Styrene	8260D	ORELAP
100-42-5	Air	Styrene	TO-15	ORELAP
100-42-5	Air	Styrene	TO-17	ORELAP
630-20-6	Soil	Tetrachloroethane, 1,1,1,2-	8260D	ORELAP
630-20-6	Water	Tetrachloroethane, 1,1,1,2-	8260D	ORELAP
79-34-5	Soil	Tetrachloroethane, 1,1,2,2-	8260D	ORELAP
79-34-5	Water	Tetrachloroethane, 1,1,2,2-	8260D	ORELAP
79-34-5	Air	Tetrachloroethane, 1,1,2,2-	TO-15	ORELAP
79-34-5	Air	Tetrachloroethane, 1,1,2,2-	TO-17	ORELAP
127-18-4	Soil	Tetrachloroethylene	8260D	ORELAP

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127-18-4	Water	Tetrachloroethylene	8260D	ORELAP
127-18-4	Air	Tetrachloroethylene	TO-15	ORELAP
127-18-4	Air	Tetrachloroethylene	TO-17	ORELAP
7440-28-0	Soil	Thallium, Total	200.8	ORELAP
7440-28-0	Water	Thallium, Total	200.8	ORELAP
7440-28-0	Soil	Thallium, Total	6020B	ORELAP
7440-28-0	Water	Thallium, Total	6020B	ORELAP
108-88-3	Soil	Toluene	8021B	ORELAP
108-88-3	Water	Toluene	8021B	ORELAP
108-88-3	Soil	Toluene	8260D	ORELAP
108-88-3	Water	Toluene	8260D	ORELAP
108-88-3	Air	Toluene	TO-15	ORELAP
108-88-3	Air	Toluene	TO-17	ORELAP
8001-35-2	Soil	Toxaphene	8081B	ORELAP
8001-35-2	Water	Toxaphene	8081B	ORELAP
87-61-6	Soil	Trichlorobenzene, 1,2,3-	8260D	ORELAP
87-61-6	Water	Trichlorobenzene, 1,2,3-	8260D	ORELAP
120-82-1	Soil	Trichlorobenzene, 1,2,4-	8260D	ORELAP
120-82-1	Water	Trichlorobenzene, 1,2,4-	8260D	ORELAP
120-82-1	Soil	Trichlorobenzene, 1,2,4-	8270E	ORELAP
120-82-1	Water	Trichlorobenzene, 1,2,4-	8270E	ORELAP
120-82-1	Air	Trichlorobenzene, 1,2,4-	TO-15	ORELAP
120-82-1	Air	Trichlorobenzene, 1,2,4-	TO-17	ORELAP
71-55-6	Soil	Trichloroethane, 1,1,1-	8260D	ORELAP
71-55-6	Water	Trichloroethane, 1,1,1-	8260D	ORELAP
71-55-6	Air	Trichloroethane, 1,1,1-	TO-15	ORELAP
71-55-6	Air	Trichloroethane, 1,1,1-	TO-17	ORELAP
79-00-5	Soil	Trichloroethane, 1,1,2-	8260D	ORELAP
79-00-5	Water	Trichloroethane, 1,1,2-	8260D	ORELAP
79-00-5	Air	Trichloroethane, 1,1,2-	TO-15	ORELAP
79-00-5	Air	Trichloroethane, 1,1,2-	TO-17	ORELAP
79-01-6	Soil	Trichloroethylene	8260D	ORELAP
79-01-6	Water	Trichloroethylene	8260D	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
79-01-6	Air	Trichloroethylene	TO-15	ORELAP
79-01-6	Air	Trichloroethylene	TO-17	ORELAP
75-69-4	Soil	Trichlorofluoromethane	8260D	ORELAP
75-69-4	Water	Trichlorofluoromethane	8260D	ORELAP
75-69-4	Air	Trichlorofluoromethane	TO-15	ORELAP
95-95-4	Soil	Trichlorophenol, 2,4,5-	8270E	ORELAP
95-95-4	Water	Trichlorophenol, 2,4,5-	8270E	ORELAP
88-06-2	Soil	Trichlorophenol, 2,4,6-	8270E	ORELAP
88-06-2	Water	Trichlorophenol, 2,4,6-	8270E	ORELAP
96-18-4	Soil	Trichloropropane, 1,2,3-	8260D	ORELAP
96-18-4	Water	Trichloropropane, 1,2,3-	8260D	ORELAP
95-63-6	Soil	Trimethylbenzene, 1,2,4-	8260D	ORELAP
95-63-6	Water	Trimethylbenzene, 1,2,4-	8260D	ORELAP
95-63-6	Air	Trimethylbenzene, 1,2,4-	TO-15	ORELAP
95-63-6	Air	Trimethylbenzene, 1,2,4-	TO-17	ORELAP
108-67-8	Soil	Trimethylbenzene, 1,3,5-	8260D	ORELAP
108-67-8	Water	Trimethylbenzene, 1,3,5-	8260D	ORELAP
108-67-8	Air	Trimethylbenzene, 1,3,5-	TO-15	ORELAP
108-67-8	Air	Trimethylbenzene, 1,3,5-	TO-17	ORELAP
7440-62-2	Soil	Vanadium, Total	200.8	ORELAP
7440-62-2	Water	Vanadium, Total	200.8	ORELAP
7440-62-2	Soil	Vanadium, Total	6020B	ORELAP
7440-62-2	Water	Vanadium, Total	6020B	ORELAP
108-05-4	Air	Vinyl Acetate	TO-15	ORELAP
75-01-4	Soil	Vinyl Chloride	8260D	ORELAP
75-01-4	Water	Vinyl Chloride	8260D	ORELAP
75-01-4	Air	Vinyl Chloride	TO-15	ORELAP
75-01-4	Air	Vinyl Chloride	TO-17	ORELAP
179601-23-1	Soil	Xylene, m+p-	8260D	ORELAP
179601-23-1	Water	Xylene, m+p-	8260D	ORELAP
179601-23-1	Air	Xylene, m+p-	TO-15	ORELAP
179601-23-1	Air	Xylene, m+p-	TO-17	ORELAP
95-47-6	Soil	Xylene, o-	8260D	ORELAP

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95-47-6	Water	Xylene, o-	8260D	ORELAP
95-47-6	Air	Xylene, o-	TO-15	ORELAP
95-47-6	Air	Xylene, o-	TO-17	ORELAP
1330-20-7	Soil	Xylene, Total	8021B	ORELAP
1330-20-7	Water	Xylene, Total	8021B	ORELAP
7440-66-6	Soil	Zinc, Total	200.8	ORELAP
7440-66-6	Water	Zinc, Total	200.8	ORELAP
7440-66-6	Soil	Zinc, Total	6020B	ORELAP
7440-66-6	Water	Zinc, Total	6020B	ORELAP