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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April 13, 2023

Matt Bates
Analytical Resources, LLC.
4611 South 134th Place, Suite 100
Tukwila, WA 98168-3240

RE: Contaminated Sites Laboratory Approval **17-015**

Thank you for submitting a completed application to the Alaska Department of Environmental Conservation's Contaminated Sites Laboratory Approval Program (CS-LAP), on March 23, 2023. Based on your lab's National Environmental Laboratory Accreditation Program (NELAP) approval through the Oregon Environmental Laboratory Accreditation Program (ORELAP), and Department of Defense Environmental Laboratory Accreditation Program (DoD-ELAP) approval through Perry Johnson Laboratory Accreditation, Inc. (PJLA), Analytical Resources, LLC., 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 March 28, 2023, and expires on ***March 28, 2025***.

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,

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	PJLA
83-32-9	Water	Acenaphthene	8270E	PJLA
83-32-9	Soil	Acenaphthene	8270E-SIM	ORELAP
83-32-9	Water	Acenaphthene	8270E-SIM	PJLA
208-96-8	Soil	Acenaphthylene	8270E	PJLA
208-96-8	Water	Acenaphthylene	8270E	PJLA
208-96-8	Soil	Acenaphthylene	8270E-SIM	ORELAP
208-96-8	Water	Acenaphthylene	8270E-SIM	PJLA
67-64-1	Soil	Acetone	8260D	PJLA
67-64-1	Water	Acetone	8260D	PJLA
309-00-2	Soil	Aldrin	8081B	PJLA
309-00-2	Water	Aldrin	8081B	PJLA
N/A	Soil	Aliphatic Petroleum Hydrocarbons (>C10 – C12)	NW-VPH	ORELAP
N/A	Water	Aliphatic Petroleum Hydrocarbons (>C10 – C12)	NW-VPH	ORELAP
N/A	Water	Aliphatic Petroleum Hydrocarbons (>C21 – C34)	NW-EPH	PJLA
N/A	Soil	Aliphatic Petroleum Hydrocarbons (>C8 – C10)	NW-VPH	ORELAP
N/A	Water	Aliphatic Petroleum Hydrocarbons (>C8 – C10)	NW-VPH	ORELAP
N/A	Soil	Aliphatic Petroleum Hydrocarbons (C10 – C12)	NW-EPH	PJLA
N/A	Water	Aliphatic Petroleum Hydrocarbons (C10 – C12)	NW-EPH	PJLA
N/A	Soil	Aliphatic Petroleum Hydrocarbons (C12 – C16)	NW-EPH	PJLA
N/A	Water	Aliphatic Petroleum Hydrocarbons (C12 – C16)	NW-EPH	PJLA
N/A	Soil	Aliphatic Petroleum Hydrocarbons (C16 – C21)	NW-EPH	PJLA
N/A	Water	Aliphatic Petroleum Hydrocarbons (C16 – C21)	NW-EPH	PJLA
N/A	Soil	Aliphatic Petroleum Hydrocarbons (C21 – C35)	NW-EPH	PJLA
N/A	Soil	Aliphatic Petroleum Hydrocarbons (C5 – C6)	NW-VPH	ORELAP
N/A	Water	Aliphatic Petroleum Hydrocarbons (C5 – C6)	NW-VPH	ORELAP
N/A	Soil	Aliphatic Petroleum Hydrocarbons (C6 – C8)	NW-VPH	ORELAP
N/A	Water	Aliphatic Petroleum Hydrocarbons (C6 – C8)	NW-VPH	ORELAP
N/A	Soil	Aliphatic Petroleum Hydrocarbons (C8 – C10)	NW-EPH	PJLA
N/A	Water	Aliphatic Petroleum Hydrocarbons (C8 – C10)	NW-EPH	PJLA
120-12-7	Soil	Anthracene	8270E	PJLA
120-12-7	Water	Anthracene	8270E	PJLA
120-12-7	Soil	Anthracene	8270E-SIM	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
120-12-7	Water	Anthracene	8270E-SIM	PJLA
7440-36-0	Soil	Antimony (metallic)	200.7	ORELAP
7440-36-0	Water	Antimony (metallic)	200.7	PJLA
7440-36-0	Soil	Antimony (metallic)	200.8	ORELAP
7440-36-0	Water	Antimony (metallic)	200.8	PJLA
7440-36-0	Soil	Antimony (metallic)	6010D	PJLA
7440-36-0	Water	Antimony (metallic)	6010D	PJLA
7440-36-0	Soil	Antimony (metallic)	6020B	PJLA
7440-36-0	Water	Antimony (metallic)	6020B	PJLA
N/A	Soil	Aromatic Petroleum Hydrocarbons (>C10 – C12)	NW-VPH	ORELAP
N/A	Soil	Aromatic Petroleum Hydrocarbons (>C12 – C13)	NW-VPH	ORELAP
N/A	Water	Aromatic Petroleum Hydrocarbons (>C12 – C13)	NW-VPH	ORELAP
N/A	Water	Aromatic Petroleum Hydrocarbons (>C21 – C34)	NW-EPH	PJLA
N/A	Soil	Aromatic Petroleum Hydrocarbons (>C8 – C10)	NW-VPH	ORELAP
N/A	Water	Aromatic Petroleum Hydrocarbons (>C8 – C10)	NW-VPH	ORELAP
N/A	Soil	Aromatic Petroleum Hydrocarbons (C10 – C12)	NW-EPH	PJLA
N/A	Water	Aromatic Petroleum Hydrocarbons (C10 – C12)	NW-EPH	PJLA
N/A	Water	Aromatic Petroleum Hydrocarbons (C10 – C12)	NW-VPH	ORELAP
N/A	Soil	Aromatic Petroleum Hydrocarbons (C12 – C16)	NW-EPH	PJLA
N/A	Water	Aromatic Petroleum Hydrocarbons (C12 – C16)	NW-EPH	PJLA
N/A	Soil	Aromatic Petroleum Hydrocarbons (C16 – C21)	NW-EPH	PJLA
N/A	Water	Aromatic Petroleum Hydrocarbons (C16 – C21)	NW-EPH	PJLA
N/A	Soil	Aromatic Petroleum Hydrocarbons (C21 – C35)	NW-EPH	PJLA
N/A	Soil	Aromatic Petroleum Hydrocarbons (C8 – C10)	NW-EPH	PJLA
N/A	Water	Aromatic Petroleum Hydrocarbons (C8 – C10)	NW-EPH	PJLA
7440-38-2	Soil	Arsenic, Inorganic	200.7	ORELAP
7440-38-2	Water	Arsenic, Inorganic	200.7	PJLA
7440-38-2	Soil	Arsenic, Inorganic	200.8	ORELAP
7440-38-2	Water	Arsenic, Inorganic	200.8	PJLA
7440-38-2	Soil	Arsenic, Inorganic	6010D	PJLA
7440-38-2	Water	Arsenic, Inorganic	6010D	PJLA
7440-38-2	Soil	Arsenic, Inorganic	6020B	PJLA
7440-38-2	Water	Arsenic, Inorganic	6020B	PJLA

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
7440-39-3	Soil	Barium	200.7	ORELAP
7440-39-3	Water	Barium	200.7	PJLA
7440-39-3	Soil	Barium	200.8	ORELAP
7440-39-3	Water	Barium	200.8	PJLA
7440-39-3	Soil	Barium	6010D	PJLA
7440-39-3	Water	Barium	6010D	PJLA
7440-39-3	Soil	Barium	6020B	PJLA
7440-39-3	Water	Barium	6020B	PJLA
56-55-3	Soil	Benz[a]anthracene	8270E	PJLA
56-55-3	Water	Benz[a]anthracene	8270E	PJLA
56-55-3	Soil	Benz[a]anthracene	8270E-SIM	ORELAP
56-55-3	Water	Benz[a]anthracene	8270E-SIM	PJLA
71-43-2	Soil	Benzene	8260D	PJLA
71-43-2	Water	Benzene	8260D	PJLA
50-32-8	Soil	Benzo[a]pyrene	8270E	PJLA
50-32-8	Water	Benzo[a]pyrene	8270E	PJLA
50-32-8	Soil	Benzo[a]pyrene	8270E-SIM	ORELAP
50-32-8	Water	Benzo[a]pyrene	8270E-SIM	PJLA
205-99-2	Soil	Benzo[b]fluoranthene	8270E	PJLA
205-99-2	Water	Benzo[b]fluoranthene	8270E	PJLA
205-99-2	Soil	Benzo[b]fluoranthene	8270E-SIM	ORELAP
205-99-2	Water	Benzo[b]fluoranthene	8270E-SIM	PJLA
191-24-2	Soil	Benzo[g,h,i]perylene	8270E	PJLA
191-24-2	Water	Benzo[g,h,i]perylene	8270E	PJLA
191-24-2	Soil	Benzo[g,h,i]perylene	8270E-SIM	ORELAP
191-24-2	Water	Benzo[g,h,i]perylene	8270E-SIM	PJLA
207-08-9	Soil	Benzo[k]fluoranthene	8270E	PJLA
207-08-9	Water	Benzo[k]fluoranthene	8270E	PJLA
207-08-9	Soil	Benzo[k]fluoranthene	8270E-SIM	ORELAP
207-08-9	Water	Benzo[k]fluoranthene	8270E-SIM	PJLA
65-85-0	Soil	Benzoic Acid	8270E	PJLA
65-85-0	Water	Benzoic Acid	8270E	PJLA
100-51-6	Soil	Benzyl Alcohol	8270E	PJLA

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
100-51-6	Water	Benzyl Alcohol	8270E	PJLA
7440-41-7	Soil	Beryllium and compounds	200.7	ORELAP
7440-41-7	Water	Beryllium and compounds	200.7	PJLA
7440-41-7	Soil	Beryllium and compounds	200.8	ORELAP
7440-41-7	Water	Beryllium and compounds	200.8	PJLA
7440-41-7	Soil	Beryllium and compounds	6010D	PJLA
7440-41-7	Water	Beryllium and compounds	6010D	PJLA
7440-41-7	Soil	Beryllium and compounds	6020B	PJLA
7440-41-7	Water	Beryllium and compounds	6020B	PJLA
111-44-4	Soil	Bis(2-chloroethyl)ether	8270E	PJLA
111-44-4	Water	Bis(2-chloroethyl)ether	8270E	PJLA
117-81-7	Soil	Bis(2-ethylhexyl)phthalate (DEHP)	8270E	PJLA
117-81-7	Water	Bis(2-ethylhexyl)phthalate (DEHP)	8270E	PJLA
108-86-1	Soil	Bromobenzene	8260D	PJLA
108-86-1	Water	Bromobenzene	8260D	PJLA
75-27-4	Soil	Bromodichloromethane	8260D	PJLA
75-27-4	Water	Bromodichloromethane	8260D	PJLA
75-25-2	Soil	Bromoform	8260D	PJLA
75-25-2	Water	Bromoform	8260D	PJLA
74-83-9	Soil	Bromomethane	8260D	PJLA
74-83-9	Water	Bromomethane	8260D	PJLA
85-68-7	Soil	Butyl Benzyl Phthalate	8270E	PJLA
85-68-7	Water	Butyl Benzyl Phthalate	8270E	PJLA
104-51-8	Soil	Butylbenzene, n-	8260D	PJLA
104-51-8	Water	Butylbenzene, n-	8260D	PJLA
135-98-8	Soil	Butylbenzene, sec-	8260D	PJLA
135-98-8	Water	Butylbenzene, sec-	8260D	PJLA
98-06-6	Soil	Butylbenzene, tert-	8260D	PJLA
98-06-6	Water	Butylbenzene, tert-	8260D	PJLA
7440-43-9	Soil	Cadmium	200.7	ORELAP
7440-43-9	Water	Cadmium	200.7	PJLA
7440-43-9	Soil	Cadmium	200.8	ORELAP
7440-43-9	Water	Cadmium	200.8	PJLA

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
7440-43-9	Soil	Cadmium	6010D	PJLA
7440-43-9	Water	Cadmium	6010D	PJLA
7440-43-9	Soil	Cadmium	6020B	PJLA
7440-43-9	Water	Cadmium	6020B	PJLA
75-15-0	Soil	Carbon Disulfide	8260D	PJLA
75-15-0	Water	Carbon Disulfide	8260D	PJLA
56-23-5	Soil	Carbon Tetrachloride	8260D	PJLA
56-23-5	Water	Carbon Tetrachloride	8260D	PJLA
5103-71-9	Soil	Chlordane, a-	8081B	PJLA
5103-71-9	Water	Chlordane, a-	8081B	PJLA
5103-74-2	Soil	Chlordane, g-	8081B	PJLA
5103-74-2	Water	Chlordane, g-	8081B	PJLA
12789-03-6	Soil	Chlordane, Total	8081B	PJLA
12789-03-6	Water	Chlordane, Total	8081B	PJLA
106-47-8	Water	Chloroaniline, p-	8270E	PJLA
108-90-7	Soil	Chlorobenzene	8260D	PJLA
108-90-7	Water	Chlorobenzene	8260D	PJLA
67-66-3	Soil	Chloroform	8260D	PJLA
67-66-3	Water	Chloroform	8260D	PJLA
74-87-3	Soil	Chloromethane	8260D	PJLA
74-87-3	Water	Chloromethane	8260D	PJLA
91-58-7	Soil	Chloronaphthalene, Beta-	8270E	PJLA
91-58-7	Water	Chloronaphthalene, Beta-	8270E	PJLA
95-57-8	Soil	Chlorophenol, 2-	8270E	PJLA
95-57-8	Water	Chlorophenol, 2-	8270E	PJLA
7440-47-3	Soil	Chromium (Total)	200.7	ORELAP
7440-47-3	Water	Chromium (Total)	200.7	PJLA
7440-47-3	Soil	Chromium (Total)	200.8	ORELAP
7440-47-3	Water	Chromium (Total)	200.8	PJLA
7440-47-3	Soil	Chromium (Total)	6010D	PJLA
7440-47-3	Water	Chromium (Total)	6010D	PJLA
7440-47-3	Soil	Chromium (Total)	6020B	PJLA
7440-47-3	Water	Chromium (Total)	6020B	PJLA

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
18540-29-9	Soil	Chromium (VI)	7196A	PJLA
18540-29-9	Soil	Chromium (VI)	SM 3500-CR B	ORELAP
18540-29-9	Water	Chromium (VI)	SM 3500-CR B	ORELAP
218-01-9	Soil	Chrysene	8270E	PJLA
218-01-9	Water	Chrysene	8270E	PJLA
218-01-9	Soil	Chrysene	8270E-SIM	ORELAP
218-01-9	Water	Chrysene	8270E-SIM	PJLA
7440-50-8	Soil	Copper	200.7	ORELAP
7440-50-8	Water	Copper	200.7	PJLA
7440-50-8	Soil	Copper	200.8	ORELAP
7440-50-8	Water	Copper	200.8	PJLA
7440-50-8	Soil	Copper	6010D	PJLA
7440-50-8	Water	Copper	6010D	PJLA
7440-50-8	Soil	Copper	6020B	PJLA
7440-50-8	Water	Copper	6020B	PJLA
95-48-7	Soil	Cresol, o- (2-Methylphenol)	8270E	PJLA
95-48-7	Water	Cresol, o- (2-Methylphenol)	8270E	PJLA
106-44-5	Soil	Cresol, p- (4-Methylphenol)	8270E	PJLA
106-44-5	Water	Cresol, p- (4-Methylphenol)	8270E	PJLA
98-82-8	Soil	Cumene (Isopropylbenzene)	8260D	ORELAP
98-82-8	Water	Cumene (Isopropylbenzene)	8260D	PJLA
57-12-5	Soil	Cyanide (CN-)	9010/9014	ORELAP
57-12-5	Water	Cyanide (CN-)	9010/9014	ORELAP
72-54-8	Soil	DDD, 4,4'-	8081B	PJLA
72-54-8	Water	DDD, 4,4'-	8081B	PJLA
72-55-9	Soil	DDE, 4,4'-	8081B	PJLA
72-55-9	Water	DDE, 4,4'-	8081B	PJLA
50-29-3	Soil	DDT, 4,4'-	8081B	PJLA
50-29-3	Water	DDT, 4,4'-	8081B	PJLA
53-70-3	Soil	Dibenz[a,h]anthracene	8270E	PJLA
53-70-3	Water	Dibenz[a,h]anthracene	8270E	PJLA
53-70-3	Soil	Dibenz[a,h]anthracene	8270E-SIM	ORELAP
53-70-3	Water	Dibenz[a,h]anthracene	8270E-SIM	PJLA

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
132-64-9	Soil	Dibenzofuran	8270E	PJLA
132-64-9	Water	Dibenzofuran	8270E	PJLA
132-64-9	Soil	Dibenzofuran	8270E-SIM	ORELAP
132-64-9	Water	Dibenzofuran	8270E-SIM	PJLA
124-48-1	Soil	Dibromochloromethane	8260D	PJLA
124-48-1	Water	Dibromochloromethane	8260D	PJLA
106-93-4	Soil	Dibromoethane, 1,2- (Ethylene Dibromide)	8260D	PJLA
106-93-4	Water	Dibromoethane, 1,2- (Ethylene Dibromide)	8260D	PJLA
74-95-3	Soil	Dibromomethane (Methylene Bromide)	8260D	PJLA
74-95-3	Water	Dibromomethane (Methylene Bromide)	8260D	PJLA
84-74-2	Soil	Dibutyl Phthalate	8270E	PJLA
84-74-2	Water	Dibutyl Phthalate	8270E	PJLA
95-50-1	Soil	Dichlorobenzene, 1,2-	8260D	PJLA
95-50-1	Water	Dichlorobenzene, 1,2-	8260D	PJLA
95-50-1	Soil	Dichlorobenzene, 1,2-	8270E	PJLA
95-50-1	Water	Dichlorobenzene, 1,2-	8270E	PJLA
541-73-1	Soil	Dichlorobenzene, 1,3-	8260D	PJLA
541-73-1	Water	Dichlorobenzene, 1,3-	8260D	PJLA
541-73-1	Soil	Dichlorobenzene, 1,3-	8270E	PJLA
541-73-1	Water	Dichlorobenzene, 1,3-	8270E	PJLA
106-46-7	Soil	Dichlorobenzene, 1,4-	8260D	PJLA
106-46-7	Water	Dichlorobenzene, 1,4-	8260D	PJLA
106-46-7	Soil	Dichlorobenzene, 1,4-	8270E	PJLA
106-46-7	Water	Dichlorobenzene, 1,4-	8270E	PJLA
91-94-1	Soil	Dichlorobenzidine, 3,3'-	8270E	PJLA
91-94-1	Water	Dichlorobenzidine, 3,3'-	8270E	PJLA
75-71-8	Soil	Dichlorodifluoromethane (Freon-12)	8260D	PJLA
75-71-8	Water	Dichlorodifluoromethane (Freon-12)	8260D	PJLA
75-34-3	Soil	Dichloroethane, 1,1-	8260D	PJLA
75-34-3	Water	Dichloroethane, 1,1-	8260D	PJLA
107-06-2	Soil	Dichloroethane, 1,2-	8260D	PJLA
107-06-2	Water	Dichloroethane, 1,2-	8260D	PJLA
75-35-4	Soil	Dichloroethylene, 1,1-	8260D	PJLA

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
75-35-4	Water	Dichloroethylene, 1,1-	8260D	PJLA
156-59-2	Soil	Dichloroethylene, 1,2-cis-	8260D	PJLA
156-59-2	Water	Dichloroethylene, 1,2-cis-	8260D	PJLA
156-60-5	Soil	Dichloroethylene, 1,2-trans-	8260D	PJLA
156-60-5	Water	Dichloroethylene, 1,2-trans-	8260D	PJLA
120-83-2	Soil	Dichlorophenol, 2,4-	8270E	PJLA
120-83-2	Water	Dichlorophenol, 2,4-	8270E	PJLA
78-87-5	Soil	Dichloropropane, 1,2-	8260D	PJLA
78-87-5	Water	Dichloropropane, 1,2-	8260D	PJLA
542-75-6	Soil	Dichloropropene, 1,3- (cis + trans)	8260D	PJLA
542-75-6	Water	Dichloropropene, 1,3- (cis + trans)	8260D	ORELAP
60-57-1	Soil	Dieldrin	8081B	PJLA
60-57-1	Water	Dieldrin	8081B	PJLA
N/A	Soil	Diesel Range Organics (C10 – C25)	AK 102	PJLA
N/A	Water	Diesel Range Organics (C10 – C25)	AK 102	PJLA
84-66-2	Soil	Diethyl Phthalate	8270E	PJLA
84-66-2	Water	Diethyl Phthalate	8270E	PJLA
105-67-9	Soil	Dimethylphenol, 2,4-	8270E	PJLA
105-67-9	Water	Dimethylphenol, 2,4-	8270E	PJLA
131-11-3	Soil	Dimethylphthalate	8270E	PJLA
131-11-3	Water	Dimethylphthalate	8270E	PJLA
51-28-5	Soil	Dinitrophenol, 2,4-	8270E	PJLA
51-28-5	Water	Dinitrophenol, 2,4-	8270E	PJLA
121-14-2	Soil	Dinitrotoluene, 2,4- (2,4-DNT)	8270E	PJLA
121-14-2	Water	Dinitrotoluene, 2,4- (2,4-DNT)	8270E	PJLA
606-20-2	Soil	Dinitrotoluene, 2,6- (2,6-DNT)	8270E	PJLA
606-20-2	Water	Dinitrotoluene, 2,6- (2,6-DNT)	8270E	PJLA
115-29-7	Soil	Endosulfan (Endosulfan I + Endosulfan II)	8081B	PJLA
115-29-7	Water	Endosulfan (Endosulfan I + Endosulfan II)	8081B	PJLA
72-20-8	Soil	Endrin	8081B	PJLA
72-20-8	Water	Endrin	8081B	PJLA
75-00-3	Soil	Ethyl Chloride	8260D	PJLA
75-00-3	Water	Ethyl Chloride	8260D	PJLA

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
100-41-4	Soil	Ethylbenzene	8260D	PJLA
100-41-4	Water	Ethylbenzene	8260D	PJLA
206-44-0	Soil	Fluoranthene	8270E	PJLA
206-44-0	Water	Fluoranthene	8270E	PJLA
206-44-0	Soil	Fluoranthene	8270E-SIM	ORELAP
206-44-0	Water	Fluoranthene	8270E-SIM	PJLA
86-73-7	Soil	Fluorene	8270E	PJLA
86-73-7	Water	Fluorene	8270E	PJLA
86-73-7	Soil	Fluorene	8270E-SIM	ORELAP
86-73-7	Water	Fluorene	8270E-SIM	PJLA
N/A	Soil	Gasoline Range Organics (C6 – C10)	AK 101	PJLA
N/A	Water	Gasoline Range Organics (C6 – C10)	AK 101	PJLA
76-44-8	Soil	Heptachlor	8081B	PJLA
76-44-8	Water	Heptachlor	8081B	PJLA
1024-57-3	Soil	Heptachlor Epoxide	8081B	PJLA
1024-57-3	Water	Heptachlor Epoxide	8081B	PJLA
118-74-1	Soil	Hexachlorobenzene	8270E	PJLA
118-74-1	Water	Hexachlorobenzene	8270E	PJLA
87-68-3	Soil	Hexachlorobutadiene	8260D	PJLA
87-68-3	Water	Hexachlorobutadiene	8260D	PJLA
87-68-3	Soil	Hexachlorobutadiene	8270E	PJLA
87-68-3	Water	Hexachlorobutadiene	8270E	PJLA
319-84-6	Soil	Hexachlorocyclohexane, Alpha- (a-BHC)	8081B	PJLA
319-84-6	Water	Hexachlorocyclohexane, Alpha- (a-BHC)	8081B	PJLA
319-85-7	Soil	Hexachlorocyclohexane, Beta- (b-BHC)	8081B	PJLA
319-85-7	Water	Hexachlorocyclohexane, Beta- (b-BHC)	8081B	PJLA
319-86-8	Soil	Hexachlorocyclohexane, Delta- (d-BHC)	8081B	PJLA
319-86-8	Water	Hexachlorocyclohexane, Delta- (d-BHC)	8081B	PJLA
58-89-9	Soil	Hexachlorocyclohexane, Gamma- (Lindane)	8081B	PJLA
58-89-9	Water	Hexachlorocyclohexane, Gamma- (Lindane)	8081B	PJLA
77-47-4	Soil	Hexachlorocyclopentadiene	8270E	PJLA
77-47-4	Water	Hexachlorocyclopentadiene	8270E	PJLA
67-72-1	Soil	Hexachloroethane	8270E	PJLA

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67-72-1	Water	Hexachloroethane	8270E	PJLA
591-78-6	Soil	Hexanone, 2-	8260D	PJLA
35822-46-9	Soil	HPCDD, 1,2,3,4,6,7,8-	8290A	PJLA
35822-46-9	Water	HPCDD, 1,2,3,4,6,7,8-	8290A	PJLA
37871-00-4	Soil	HpCDD, Total	8290A	PJLA
37871-00-4	Water	HpCDD, Total	8290A	PJLA
67562-39-4	Soil	HPCDF, 1,2,3,4,6,7,8-	8290A	PJLA
67562-39-4	Water	HPCDF, 1,2,3,4,6,7,8-	8290A	PJLA
55673-89-7	Soil	HPCDF, 1,2,3,4,7,8,9-	8290A	PJLA
55673-89-7	Water	HPCDF, 1,2,3,4,7,8,9-	8290A	PJLA
38998-75-3	Soil	HpCDF, Total	8290A	PJLA
38998-75-3	Water	HpCDF, Total	8290A	PJLA
39227-28-6	Soil	HXCDD, 1,2,3,4,7,8-	8290A	PJLA
39227-28-6	Water	HXCDD, 1,2,3,4,7,8-	8290A	PJLA
57653-85-7	Soil	HXCDD, 1,2,3,6,7,8-	8290A	PJLA
57653-85-7	Water	HXCDD, 1,2,3,6,7,8-	8290A	PJLA
19408-74-3	Soil	HXCDD, 1,2,3,7,8,9-	8290A	PJLA
19408-74-3	Water	HXCDD, 1,2,3,7,8,9-	8290A	PJLA
34465-46-8	Soil	HxCDD, Total	8290A	PJLA
34465-46-8	Water	HxCDD, Total	8290A	PJLA
70648-26-9	Soil	HXCDF, 1,2,3,4,7,8-	8290A	PJLA
70648-26-9	Water	HXCDF, 1,2,3,4,7,8-	8290A	PJLA
57117-44-9	Soil	HXCDF, 1,2,3,6,7,8-	8290A	PJLA
57117-44-9	Water	HXCDF, 1,2,3,6,7,8-	8290A	PJLA
72918-21-9	Soil	HXCDF, 1,2,3,7,8,9-	8290A	PJLA
72918-21-9	Water	HXCDF, 1,2,3,7,8,9-	8290A	PJLA
60851-34-5	Soil	HXCDF, 2,3,4,6,7,8-	8290A	PJLA
60851-34-5	Water	HXCDF, 2,3,4,6,7,8-	8290A	PJLA
55684-94-1	Soil	HxCDF, Total	8290A	PJLA
55684-94-1	Water	HxCDF, Total	8290A	PJLA
193-39-5	Soil	Indeno[1,2,3-cd]pyrene	8270E	PJLA
193-39-5	Water	Indeno[1,2,3-cd]pyrene	8270E	PJLA
193-39-5	Soil	Indeno[1,2,3-cd]pyrene	8270E-SIM	ORELAP

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193-39-5	Water	Indeno[1,2,3-cd]pyrene	8270E-SIM	PJLA
78-59-1	Soil	Isophorone	8270E	PJLA
78-59-1	Water	Isophorone	8270E	PJLA
7439-92-1	Soil	Lead, Total	200.7	ORELAP
7439-92-1	Water	Lead, Total	200.7	PJLA
7439-92-1	Soil	Lead, Total	200.8	ORELAP
7439-92-1	Water	Lead, Total	200.8	PJLA
7439-92-1	Soil	Lead, Total	6010D	PJLA
7439-92-1	Water	Lead, Total	6010D	PJLA
7439-92-1	Soil	Lead, Total	6020B	PJLA
7439-92-1	Water	Lead, Total	6020B	PJLA
7439-96-5	Water	Manganese	200.7	PJLA
7439-96-5	Water	Manganese	200.8	PJLA
7439-96-5	Soil	Manganese	6010D	PJLA
7439-96-5	Water	Manganese	6010D	PJLA
7439-97-6	Soil	Mercury (elemental)	245.1	ORELAP
7439-97-6	Water	Mercury (elemental)	245.1	PJLA
7439-97-6	Water	Mercury (elemental)	7470A	PJLA
7439-97-6	Soil	Mercury (elemental)	7471B	PJLA
72-43-5	Soil	Methoxychlor	8081B	PJLA
72-43-5	Water	Methoxychlor	8081B	PJLA
78-93-3	Soil	Methyl Ethyl Ketone (2-Butanone)	8260D	PJLA
78-93-3	Water	Methyl Ethyl Ketone (2-Butanone)	8260D	PJLA
108-10-1	Soil	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	8260D	PJLA
108-10-1	Water	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	8260D	PJLA
1634-04-4	Soil	Methyl tert-Butyl Ether (MTBE)	8260D	PJLA
1634-04-4	Water	Methyl tert-Butyl Ether (MTBE)	8260D	PJLA
75-09-2	Soil	Methylene Chloride	8260D	PJLA
75-09-2	Water	Methylene Chloride	8260D	PJLA
90-12-0	Soil	Methylnaphthalene, 1-	8270E	PJLA
90-12-0	Water	Methylnaphthalene, 1-	8270E	PJLA
90-12-0	Soil	Methylnaphthalene, 1-	8270E-SIM	ORELAP
90-12-0	Water	Methylnaphthalene, 1-	8270E-SIM	PJLA

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91-57-6	Soil	Methylnaphthalene, 2-	8270E	PJLA
91-57-6	Water	Methylnaphthalene, 2-	8270E	PJLA
91-57-6	Soil	Methylnaphthalene, 2-	8270E-SIM	ORELAP
91-57-6	Water	Methylnaphthalene, 2-	8270E-SIM	PJLA
91-20-3	Soil	Naphthalene	8260D	PJLA
91-20-3	Water	Naphthalene	8260D	PJLA
91-20-3	Soil	Naphthalene	8270E	PJLA
91-20-3	Water	Naphthalene	8270E	PJLA
91-20-3	Soil	Naphthalene	8270E-SIM	ORELAP
91-20-3	Water	Naphthalene	8270E-SIM	PJLA
7440-02-0	Soil	Nickel, Total	200.7	ORELAP
7440-02-0	Water	Nickel, Total	200.7	PJLA
7440-02-0	Soil	Nickel, Total	200.8	ORELAP
7440-02-0	Water	Nickel, Total	200.8	PJLA
7440-02-0	Soil	Nickel, Total	6010D	PJLA
7440-02-0	Water	Nickel, Total	6010D	PJLA
7440-02-0	Soil	Nickel, Total	6020B	PJLA
7440-02-0	Water	Nickel, Total	6020B	PJLA
98-95-3	Soil	Nitrobenzene	8270E	PJLA
98-95-3	Water	Nitrobenzene	8270E	PJLA
62-75-9	Soil	Nitrosodimethylamine, N-	8270E	PJLA
621-64-7	Soil	Nitroso-di-N-propylamine, N-	8270E	PJLA
621-64-7	Water	Nitroso-di-N-propylamine, N-	8270E	PJLA
86-30-6	Soil	Nitrosodiphenylamine, N-	8270E	PJLA
86-30-6	Water	Nitrosodiphenylamine, N-	8270E	PJLA
3268-87-9	Soil	OCDD	8290A	PJLA
3268-87-9	Water	OCDD	8290A	PJLA
39001-02-2	Soil	OCDF	8290A	PJLA
39001-02-2	Water	OCDF	8290A	PJLA
117-84-0	Soil	Octyl Phthalate, di-N-	8270E	PJLA
117-84-0	Water	Octyl Phthalate, di-N-	8270E	PJLA
12674-11-2	Soil	PCB - Aroclor-1016	8082A	PJLA
12674-11-2	Water	PCB - Aroclor-1016	8082A	PJLA

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11104-28-2	Soil	PCB - Aroclor-1221	8082A	PJLA
11104-28-2	Water	PCB - Aroclor-1221	8082A	PJLA
11141-16-5	Soil	PCB - Aroclor-1232	8082A	PJLA
11141-16-5	Water	PCB - Aroclor-1232	8082A	PJLA
53469-21-9	Soil	PCB - Aroclor-1242	8082A	PJLA
53469-21-9	Water	PCB - Aroclor-1242	8082A	PJLA
12672-29-6	Soil	PCB - Aroclor-1248	8082A	PJLA
12672-29-6	Water	PCB - Aroclor-1248	8082A	PJLA
11097-69-1	Soil	PCB - Aroclor-1254	8082A	PJLA
11097-69-1	Water	PCB - Aroclor-1254	8082A	PJLA
11096-82-5	Soil	PCB - Aroclor-1260	8082A	PJLA
11096-82-5	Water	PCB - Aroclor-1260	8082A	PJLA
37324-23-5	Soil	PCB - Aroclor-1262	8082A	PJLA
37324-23-5	Water	PCB - Aroclor-1262	8082A	PJLA
11100-14-4	Soil	PCB - Aroclor-1268	8082A	PJLA
11100-14-4	Water	PCB - Aroclor-1268	8082A	PJLA
40321-76-4	Soil	PECDD, 1,2,3,7,8-	8290A	PJLA
40321-76-4	Water	PECDD, 1,2,3,7,8-	8290A	PJLA
36088-22-9	Soil	PECDD, Total	8290A	PJLA
36088-22-9	Water	PECDD, Total	8290A	PJLA
57117-41-6	Soil	PECDF, 1,2,3,7,8-	8290A	PJLA
57117-41-6	Water	PECDF, 1,2,3,7,8-	8290A	PJLA
57117-31-4	Soil	PECDF, 2,3,4,7,8-	8290A	PJLA
57117-31-4	Water	PECDF, 2,3,4,7,8-	8290A	PJLA
30402-15-4	Soil	PECDF, Total	8290A	PJLA
30402-15-4	Water	PECDF, Total	8290A	PJLA
87-86-5	Soil	Pentachlorophenol	8270E	ORELAP
87-86-5	Water	Pentachlorophenol	8270E	PJLA
85-01-8	Soil	Phenanthrene	8270E	PJLA
85-01-8	Water	Phenanthrene	8270E	PJLA
85-01-8	Soil	Phenanthrene	8270E-SIM	ORELAP
85-01-8	Water	Phenanthrene	8270E-SIM	PJLA
108-95-2	Soil	Phenol	8270E	PJLA

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108-95-2	Water	Phenol	8270E	PJLA
103-65-1	Soil	Propyl benzene	8260D	PJLA
103-65-1	Water	Propyl benzene	8260D	PJLA
129-00-0	Soil	Pyrene	8270E	PJLA
129-00-0	Water	Pyrene	8270E	PJLA
129-00-0	Soil	Pyrene	8270E-SIM	ORELAP
129-00-0	Water	Pyrene	8270E-SIM	PJLA
N/A	Soil	Residual Range Organics (C25 – C36)	AK 103	PJLA
N/A	Water	Residual Range Organics (C25 – C36)	AK 103	PJLA
7782-49-2	Water	Selenium	200.7	PJLA
7782-49-2	Water	Selenium	200.8	PJLA
7782-49-2	Soil	Selenium	6010D	PJLA
7782-49-2	Water	Selenium	6010D	PJLA
7782-49-2	Soil	Selenium	6020B	PJLA
7782-49-2	Water	Selenium	6020B	PJLA
7440-22-4	Soil	Silver	200.7	ORELAP
7440-22-4	Water	Silver	200.7	PJLA
7440-22-4	Soil	Silver	200.8	ORELAP
7440-22-4	Water	Silver	200.8	PJLA
7440-22-4	Soil	Silver	6010D	PJLA
7440-22-4	Water	Silver	6010D	PJLA
7440-22-4	Soil	Silver	6020B	ORELAP
7440-22-4	Water	Silver	6020B	PJLA
7440-24-6	Soil	Strontium	6010D	PJLA
100-42-5	Soil	Styrene	8260D	PJLA
100-42-5	Water	Styrene	8260D	PJLA
1746-01-6	Soil	TCDD, 2,3,7,8-	8290A	PJLA
1746-01-6	Water	TCDD, 2,3,7,8-	8290A	PJLA
41903-57-5	Soil	TCDD, Total	8290A	PJLA
41903-57-5	Water	TCDD, Total	8290A	PJLA
51207-31-9	Soil	TCDF, 2,3,7,8-	8290A	PJLA
51207-31-9	Water	TCDF, 2,3,7,8-	8290A	PJLA
55722-27-5	Soil	TCDF, Total	8290A	PJLA

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55722-27-5	Water	TCDF, Total	8290A	PJLA
630-20-6	Soil	Tetrachloroethane, 1,1,1,2-	8260D	PJLA
630-20-6	Water	Tetrachloroethane, 1,1,1,2-	8260D	PJLA
79-34-5	Soil	Tetrachloroethane, 1,1,2,2-	8260D	PJLA
79-34-5	Water	Tetrachloroethane, 1,1,2,2-	8260D	PJLA
127-18-4	Soil	Tetrachloroethylene	8260D	PJLA
127-18-4	Water	Tetrachloroethylene	8260D	PJLA
7440-28-0	Soil	Thallium, Total	200.7	ORELAP
7440-28-0	Water	Thallium, Total	200.7	PJLA
7440-28-0	Soil	Thallium, Total	200.8	ORELAP
7440-28-0	Water	Thallium, Total	200.8	PJLA
7440-28-0	Soil	Thallium, Total	6010D	PJLA
7440-28-0	Water	Thallium, Total	6010D	PJLA
7440-28-0	Soil	Thallium, Total	6020B	PJLA
7440-28-0	Water	Thallium, Total	6020B	PJLA
108-88-3	Soil	Toluene	8260D	PJLA
108-88-3	Water	Toluene	8260D	PJLA
N/A	Water	Total Organic Carbon	9060A	PJLA
N/A	Soil	Total Organic Carbon	SM 5310 B	ORELAP
N/A	Water	Total Organic Carbon	SM 5310 B	ORELAP
8001-35-2	Soil	Toxaphene	8081B	PJLA
8001-35-2	Water	Toxaphene	8081B	PJLA
76-13-1	Soil	Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	8260D	PJLA
76-13-1	Water	Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	8260D	PJLA
87-61-6	Soil	Trichlorobenzene, 1,2,3-	8260D	PJLA
87-61-6	Water	Trichlorobenzene, 1,2,3-	8260D	PJLA
120-82-1	Soil	Trichlorobenzene, 1,2,4-	8260D	PJLA
120-82-1	Water	Trichlorobenzene, 1,2,4-	8260D	PJLA
71-55-6	Soil	Trichloroethane, 1,1,1-	8260D	PJLA
71-55-6	Water	Trichloroethane, 1,1,1-	8260D	PJLA
79-00-5	Soil	Trichloroethane, 1,1,2-	8260D	PJLA
79-00-5	Water	Trichloroethane, 1,1,2-	8260D	PJLA
79-01-6	Soil	Trichloroethylene	8260D	PJLA

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79-01-6	Water	Trichloroethylene	8260D	PJLA
75-69-4	Soil	Trichlorofluoromethane	8260D	PJLA
75-69-4	Water	Trichlorofluoromethane	8260D	PJLA
95-95-4	Soil	Trichlorophenol, 2,4,5-	8270E	PJLA
95-95-4	Water	Trichlorophenol, 2,4,5-	8270E	PJLA
88-06-2	Soil	Trichlorophenol, 2,4,6-	8270E	PJLA
88-06-2	Water	Trichlorophenol, 2,4,6-	8270E	PJLA
96-18-4	Soil	Trichloropropane, 1,2,3-	8260D	PJLA
95-63-6	Soil	Trimethylbenzene, 1,2,4-	8260D	PJLA
95-63-6	Water	Trimethylbenzene, 1,2,4-	8260D	PJLA
108-67-8	Soil	Trimethylbenzene, 1,3,5-	8260D	PJLA
108-67-8	Water	Trimethylbenzene, 1,3,5-	8260D	ORELAP
688-73-3	Soil	Tri-n-butyltin	8270E-SIM	ORELAP
688-73-3	Water	Tri-n-butyltin	8270E-SIM	ORELAP
7440-62-2	Soil	Vanadium, Total	200.7	ORELAP
7440-62-2	Water	Vanadium, Total	200.7	PJLA
7440-62-2	Soil	Vanadium, Total	200.8	ORELAP
7440-62-2	Water	Vanadium, Total	200.8	PJLA
7440-62-2	Soil	Vanadium, Total	6010D	PJLA
7440-62-2	Water	Vanadium, Total	6010D	PJLA
7440-62-2	Soil	Vanadium, Total	6020B	PJLA
7440-62-2	Water	Vanadium, Total	6020B	PJLA
108-05-4	Soil	Vinyl Acetate	8260D	PJLA
108-05-4	Water	Vinyl Acetate	8260D	PJLA
75-01-4	Soil	Vinyl Chloride	8260D	PJLA
75-01-4	Water	Vinyl Chloride	8260D	PJLA
179601-23-1	Soil	Xylene, m+p-	8260D	PJLA
179601-23-1	Water	Xylene, m+p-	8260D	PJLA
95-47-6	Soil	Xylene, o-	8260D	PJLA
95-47-6	Water	Xylene, o-	8260D	PJLA
7440-66-6	Soil	Zinc, Total	200.7	ORELAP
7440-66-6	Water	Zinc, Total	200.7	PJLA
7440-66-6	Soil	Zinc, Total	200.8	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
7440-66-6	Water	Zinc, Total	200.8	PJLA
7440-66-6	Soil	Zinc, Total	6010D	PJLA
7440-66-6	Water	Zinc, Total	6010D	PJLA
7440-66-6	Soil	Zinc, Total	6020B	PJLA
7440-66-6	Water	Zinc, Total	6020B	PJLA