



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Environmental Conservation

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

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May 29, 2025

Patricia Caines
Enthalpy Analytical – Orange
931 W. Barkley Ave
Orange, CA 92868

RE: Contaminated Sites Laboratory Approval **25-004**

Thank you for submitting a completed application to the Alaska Department of Environmental Conservation's Contaminated Sites Laboratory Approval Program (CS-LAP), on April 25, 2025. Based on your lab's National Environmental Laboratory Accreditation Program (NELAP) approval through the Oregon Environmental Laboratory Accreditation Program (ORELAP), Enthalpy Analytical - Orange, 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 29, 2025, and expires on February 28, 2026.

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) 465-5346, 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,

Handwritten signature of Zuzana Culakova in black ink.

Zuzana Culakova

Attachment: Scope of Approval

Scope of Approval

CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
309-00-2	Soil	Aldrin	8081A	ORELAP
309-00-2	Water	Aldrin	8081A	ORELAP
7440-36-0	Soil	Antimony (metallic)	6010B	ORELAP
7440-36-0	Water	Antimony (metallic)	6010B	ORELAP
7440-36-0	Soil	Antimony (metallic)	6020	ORELAP
7440-36-0	Water	Antimony (metallic)	6020	ORELAP
7440-38-2	Soil	Arsenic, Inorganic	6010B	ORELAP
7440-38-2	Water	Arsenic, Inorganic	6010B	ORELAP
7440-38-2	Soil	Arsenic, Inorganic	6020	ORELAP
7440-38-2	Water	Arsenic, Inorganic	6020	ORELAP
7440-39-3	Soil	Barium	6010B	ORELAP
7440-39-3	Water	Barium	6010B	ORELAP
7440-39-3	Soil	Barium	6020	ORELAP
7440-39-3	Water	Barium	6020	ORELAP
7440-41-7	Soil	Beryllium and compounds	6010B	ORELAP
7440-41-7	Water	Beryllium and compounds	6010B	ORELAP
7440-41-7	Soil	Beryllium and compounds	6020	ORELAP
7440-41-7	Water	Beryllium and compounds	6020	ORELAP
7440-43-9	Soil	Cadmium	6010B	ORELAP
7440-43-9	Water	Cadmium	6010B	ORELAP
7440-43-9	Soil	Cadmium	6020	ORELAP
7440-43-9	Water	Cadmium	6020	ORELAP
12789-03-6	Soil	Chlordane, Total	8081A	ORELAP
7440-47-3	Soil	Chromium (Total)	6010B	ORELAP
7440-47-3	Water	Chromium (Total)	6010B	ORELAP
7440-47-3	Soil	Chromium (Total)	6020	ORELAP
7440-47-3	Water	Chromium (Total)	6020	ORELAP
7440-50-8	Soil	Copper	6010B	ORELAP
7440-50-8	Water	Copper	6010B	ORELAP
7440-50-8	Soil	Copper	6020	ORELAP
7440-50-8	Water	Copper	6020	ORELAP
57-12-5	Soil	Cyanide (CN-)	9010/9014	ORELAP
57-12-5	Water	Cyanide (CN-)	9010/9014	ORELAP

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57-12-5	Soil	Cyanide (CN-)	9012A	ORELAP
57-12-5	Water	Cyanide (CN-)	9012A	ORELAP
57-12-5	Water	Cyanide (CN-)	SM 4500 CN-E	ORELAP
72-54-8	Soil	DDD, 4,4'-	8081A	ORELAP
72-54-8	Water	DDD, 4,4'-	8081A	ORELAP
72-55-9	Soil	DDE, 4,4'-	8081A	ORELAP
72-55-9	Water	DDE, 4,4'-	8081A	ORELAP
50-29-3	Soil	DDT, 4,4'-	8081A	ORELAP
50-29-3	Water	DDT, 4,4'-	8081A	ORELAP
60-57-1	Soil	Dieldrin	8081A	ORELAP
60-57-1	Water	Dieldrin	8081A	ORELAP
959-98-8	Soil	Endosulfan I	8081A	ORELAP
959-98-8	Water	Endosulfan I	8081A	ORELAP
33213-65-9	Soil	Endosulfan II	8081A	ORELAP
33213-65-9	Water	Endosulfan II	8081A	ORELAP
1031-07-8	Soil	Endosulfan sulfate	8081A	ORELAP
1031-07-8	Water	Endosulfan sulfate	8081A	ORELAP
72-20-8	Soil	Endrin	8081A	ORELAP
72-20-8	Water	Endrin	8081A	ORELAP
76-44-8	Soil	Heptachlor	8081A	ORELAP
76-44-8	Water	Heptachlor	8081A	ORELAP
1024-57-3	Soil	Heptachlor Epoxide	8081A	ORELAP
1024-57-3	Water	Heptachlor Epoxide	8081A	ORELAP
319-84-6	Soil	Hexachlorocyclohexane, Alpha- (α -BHC)	8081A	ORELAP
319-84-6	Water	Hexachlorocyclohexane, Alpha- (α -BHC)	8081A	ORELAP
319-85-7	Soil	Hexachlorocyclohexane, Beta- (β -BHC)	8081A	ORELAP
319-85-7	Water	Hexachlorocyclohexane, Beta- (β -BHC)	8081A	ORELAP
319-86-8	Soil	Hexachlorocyclohexane, Delta- (δ -BHC)	8081A	ORELAP
319-86-8	Water	Hexachlorocyclohexane, Delta- (δ -BHC)	8081A	ORELAP
58-89-9	Soil	Hexachlorocyclohexane, Gamma- (Lindane)	8081A	ORELAP
58-89-9	Water	Hexachlorocyclohexane, Gamma- (Lindane)	8081A	ORELAP
7439-92-1	Soil	Lead, Total	6010B	ORELAP
7439-92-1	Water	Lead, Total	6010B	ORELAP

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7439-92-1	Soil	Lead, Total	6020	ORELAP
7439-92-1	Water	Lead, Total	6020	ORELAP
7439-96-5	Water	Manganese	6010B	ORELAP
7439-96-5	Soil	Manganese	6020	ORELAP
7439-96-5	Water	Manganese	6020	ORELAP
7439-97-6	Soil	Mercury (elemental)	6020B	ORELAP
72-43-5	Soil	Methoxychlor	8081A	ORELAP
72-43-5	Water	Methoxychlor	8081A	ORELAP
7440-02-0	Soil	Nickel, Total	6010B	ORELAP
7440-02-0	Water	Nickel, Total	6010B	ORELAP
7440-02-0	Soil	Nickel, Total	6020	ORELAP
7440-02-0	Water	Nickel, Total	6020	ORELAP
12674-11-2	Soil	PCB - Aroclor-1016	8082	ORELAP
12674-11-2	Water	PCB - Aroclor-1016	8082	ORELAP
11104-28-2	Soil	PCB - Aroclor-1221	8082	ORELAP
11104-28-2	Water	PCB - Aroclor-1221	8082	ORELAP
11141-16-5	Soil	PCB - Aroclor-1232	8082	ORELAP
11141-16-5	Water	PCB - Aroclor-1232	8082	ORELAP
53469-21-9	Soil	PCB - Aroclor-1242	8082	ORELAP
53469-21-9	Water	PCB - Aroclor-1242	8082	ORELAP
12672-29-6	Soil	PCB - Aroclor-1248	8082	ORELAP
12672-29-6	Water	PCB - Aroclor-1248	8082	ORELAP
11097-69-1	Soil	PCB - Aroclor-1254	8082	ORELAP
11097-69-1	Water	PCB - Aroclor-1254	8082	ORELAP
11096-82-5	Soil	PCB - Aroclor-1260	8082	ORELAP
11096-82-5	Water	PCB - Aroclor-1260	8082	ORELAP
7782-49-2	Soil	Selenium	6010B	ORELAP
7782-49-2	Water	Selenium	6010B	ORELAP
7782-49-2	Soil	Selenium	6020	ORELAP
7782-49-2	Water	Selenium	6020	ORELAP
7440-22-4	Soil	Silver	6010B	ORELAP
7440-22-4	Water	Silver	6010B	ORELAP
7440-22-4	Soil	Silver	6020	ORELAP

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7440-22-4	Water	Silver	6020	ORELAP
7440-28-0	Soil	Thallium, Total	6010B	ORELAP
7440-28-0	Water	Thallium, Total	6010B	ORELAP
7440-28-0	Soil	Thallium, Total	6020	ORELAP
7440-28-0	Water	Thallium, Total	6020	ORELAP
8001-35-2	Soil	Toxaphene	8081A	ORELAP
8001-35-2	Water	Toxaphene	8081A	ORELAP
7440-62-2	Soil	Vanadium, Total	6010B	ORELAP
7440-62-2	Water	Vanadium, Total	6010B	ORELAP
7440-62-2	Soil	Vanadium, Total	6020	ORELAP
7440-62-2	Water	Vanadium, Total	6020	ORELAP
7440-66-6	Soil	Zinc, Total	6010B	ORELAP
7440-66-6	Water	Zinc, Total	6010B	ORELAP
7440-66-6	Soil	Zinc, Total	6020	ORELAP
7440-66-6	Water	Zinc, Total	6020	ORELAP