



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 30, 2025

Patricia Caines
Enthalpy Analytical, LLC - Anaheim
2532 E. Cerritos Ave
Anaheim, CA 93806

RE: Contaminated Sites Laboratory Approval **25-003**

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 - Anaheim, 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 30, 2025, and expires on January 16, 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,

A handwritten signature in black ink that reads "Zuzana Culakova".

Zuzana Culakova

Attachment: Scope of Approval

Scope of Approval

CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
67-64-1	Soil	Acetone	8260B	ORELAP
67-64-1	Water	Acetone	8260B	ORELAP
67-64-1	Soil	Acetone	8260C	ORELAP
67-64-1	Water	Acetone	8260C	ORELAP
71-43-2	Soil	Benzene	8260B	ORELAP
71-43-2	Water	Benzene	8260B	ORELAP
71-43-2	Soil	Benzene	8260C	ORELAP
71-43-2	Water	Benzene	8260C	ORELAP
108-86-1	Soil	Bromobenzene	8260B	ORELAP
108-86-1	Water	Bromobenzene	8260B	ORELAP
108-86-1	Soil	Bromobenzene	8260C	ORELAP
108-86-1	Water	Bromobenzene	8260C	ORELAP
75-27-4	Soil	Bromodichloromethane	8260B	ORELAP
75-27-4	Water	Bromodichloromethane	8260B	ORELAP
75-27-4	Soil	Bromodichloromethane	8260C	ORELAP
75-27-4	Water	Bromodichloromethane	8260C	ORELAP
75-25-2	Soil	Bromoform	8260B	ORELAP
75-25-2	Water	Bromoform	8260B	ORELAP
75-25-2	Soil	Bromoform	8260C	ORELAP
75-25-2	Water	Bromoform	8260C	ORELAP
74-83-9	Soil	Bromomethane	8260B	ORELAP
74-83-9	Soil	Bromomethane	8260C	ORELAP
104-51-8	Soil	Butylbenzene, n-	8260B	ORELAP
104-51-8	Water	Butylbenzene, n-	8260B	ORELAP
104-51-8	Soil	Butylbenzene, n-	8260C	ORELAP
104-51-8	Water	Butylbenzene, n-	8260C	ORELAP
135-98-8	Soil	Butylbenzene, sec-	8260B	ORELAP
135-98-8	Water	Butylbenzene, sec-	8260B	ORELAP
135-98-8	Soil	Butylbenzene, sec-	8260C	ORELAP
135-98-8	Water	Butylbenzene, sec-	8260C	ORELAP
98-06-6	Soil	Butylbenzene, tert-	8260B	ORELAP
98-06-6	Water	Butylbenzene, tert-	8260B	ORELAP
98-06-6	Soil	Butylbenzene, tert-	8260C	ORELAP

Scope of Approval

CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
98-06-6	Water	Butylbenzene, tert-	8260C	ORELAP
75-15-0	Water	Carbon Disulfide	8260B	ORELAP
75-15-0	Water	Carbon Disulfide	8260C	ORELAP
56-23-5	Soil	Carbon Tetrachloride	8260B	ORELAP
56-23-5	Water	Carbon Tetrachloride	8260B	ORELAP
56-23-5	Soil	Carbon Tetrachloride	8260C	ORELAP
56-23-5	Water	Carbon Tetrachloride	8260C	ORELAP
108-90-7	Soil	Chlorobenzene	8260B	ORELAP
108-90-7	Water	Chlorobenzene	8260B	ORELAP
108-90-7	Soil	Chlorobenzene	8260C	ORELAP
108-90-7	Water	Chlorobenzene	8260C	ORELAP
67-66-3	Soil	Chloroform	8260B	ORELAP
67-66-3	Water	Chloroform	8260B	ORELAP
67-66-3	Soil	Chloroform	8260C	ORELAP
67-66-3	Water	Chloroform	8260C	ORELAP
74-87-3	Soil	Chloromethane	8260B	ORELAP
74-87-3	Water	Chloromethane	8260B	ORELAP
74-87-3	Soil	Chloromethane	8260C	ORELAP
74-87-3	Water	Chloromethane	8260C	ORELAP
98-82-8	Soil	Cumene (Isopropylbenzene)	8260B	ORELAP
98-82-8	Water	Cumene (Isopropylbenzene)	8260B	ORELAP
98-82-8	Soil	Cumene (Isopropylbenzene)	8260C	ORELAP
98-82-8	Water	Cumene (Isopropylbenzene)	8260C	ORELAP
124-48-1	Soil	Dibromochloromethane	8260B	ORELAP
124-48-1	Water	Dibromochloromethane	8260B	ORELAP
124-48-1	Soil	Dibromochloromethane	8260C	ORELAP
124-48-1	Water	Dibromochloromethane	8260C	ORELAP
106-93-4	Water	Dibromoethane, 1,2- (Ethylene Dibromide)	8260B	ORELAP
106-93-4	Water	Dibromoethane, 1,2- (Ethylene Dibromide)	8260C	ORELAP
74-95-3	Soil	Dibromomethane (Methylene Bromide)	8260B	ORELAP
74-95-3	Water	Dibromomethane (Methylene Bromide)	8260B	ORELAP
74-95-3	Soil	Dibromomethane (Methylene Bromide)	8260C	ORELAP
74-95-3	Water	Dibromomethane (Methylene Bromide)	8260C	ORELAP

Scope of Approval

CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
95-50-1	Soil	Dichlorobenzene, 1,2-	8260B	ORELAP
95-50-1	Water	Dichlorobenzene, 1,2-	8260B	ORELAP
95-50-1	Soil	Dichlorobenzene, 1,2-	8260C	ORELAP
95-50-1	Water	Dichlorobenzene, 1,2-	8260C	ORELAP
541-73-1	Soil	Dichlorobenzene, 1,3-	8260B	ORELAP
541-73-1	Water	Dichlorobenzene, 1,3-	8260B	ORELAP
541-73-1	Soil	Dichlorobenzene, 1,3-	8260C	ORELAP
541-73-1	Water	Dichlorobenzene, 1,3-	8260C	ORELAP
106-46-7	Soil	Dichlorobenzene, 1,4-	8260B	ORELAP
106-46-7	Water	Dichlorobenzene, 1,4-	8260B	ORELAP
106-46-7	Soil	Dichlorobenzene, 1,4-	8260C	ORELAP
106-46-7	Water	Dichlorobenzene, 1,4-	8260C	ORELAP
75-34-3	Soil	Dichloroethane, 1,1-	8260B	ORELAP
75-34-3	Water	Dichloroethane, 1,1-	8260B	ORELAP
75-34-3	Soil	Dichloroethane, 1,1-	8260C	ORELAP
75-34-3	Water	Dichloroethane, 1,1-	8260C	ORELAP
107-06-2	Soil	Dichloroethane, 1,2-	8260B	ORELAP
107-06-2	Water	Dichloroethane, 1,2-	8260B	ORELAP
107-06-2	Soil	Dichloroethane, 1,2-	8260C	ORELAP
107-06-2	Water	Dichloroethane, 1,2-	8260C	ORELAP
75-35-4	Soil	Dichloroethylene, 1,1-	8260B	ORELAP
75-35-4	Water	Dichloroethylene, 1,1-	8260B	ORELAP
75-35-4	Soil	Dichloroethylene, 1,1-	8260C	ORELAP
75-35-4	Water	Dichloroethylene, 1,1-	8260C	ORELAP
156-59-2	Soil	Dichloroethylene, 1,2-cis-	8260B	ORELAP
156-59-2	Water	Dichloroethylene, 1,2-cis-	8260B	ORELAP
156-59-2	Soil	Dichloroethylene, 1,2-cis-	8260C	ORELAP
156-59-2	Water	Dichloroethylene, 1,2-cis-	8260C	ORELAP
156-60-5	Soil	Dichloroethylene, 1,2-trans-	8260B	ORELAP
156-60-5	Water	Dichloroethylene, 1,2-trans-	8260B	ORELAP
156-60-5	Soil	Dichloroethylene, 1,2-trans-	8260C	ORELAP
156-60-5	Water	Dichloroethylene, 1,2-trans-	8260C	ORELAP
78-87-5	Soil	Dichloropropane, 1,2-	8260B	ORELAP

Scope of Approval

CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
78-87-5	Water	Dichloropropane, 1,2-	8260B	ORELAP
78-87-5	Soil	Dichloropropane, 1,2-	8260C	ORELAP
78-87-5	Water	Dichloropropane, 1,2-	8260C	ORELAP
10061-01-5	Soil	Dichloropropene, cis-1,3-	8260B	ORELAP
10061-01-5	Water	Dichloropropene, cis-1,3-	8260B	ORELAP
10061-01-5	Soil	Dichloropropene, cis-1,3-	8260C	ORELAP
10061-01-5	Water	Dichloropropene, cis-1,3-	8260C	ORELAP
10061-02-6	Soil	Dichloropropene, trans-1,3-	8260B	ORELAP
10061-02-6	Water	Dichloropropene, trans-1,3-	8260B	ORELAP
10061-02-6	Soil	Dichloropropene, trans-1,3-	8260C	ORELAP
10061-02-6	Water	Dichloropropene, trans-1,3-	8260C	ORELAP
75-00-3	Soil	Ethyl Chloride	8260B	ORELAP
75-00-3	Water	Ethyl Chloride	8260B	ORELAP
75-00-3	Soil	Ethyl Chloride	8260C	ORELAP
75-00-3	Water	Ethyl Chloride	8260C	ORELAP
100-41-4	Soil	Ethylbenzene	8260B	ORELAP
100-41-4	Water	Ethylbenzene	8260B	ORELAP
100-41-4	Soil	Ethylbenzene	8260C	ORELAP
100-41-4	Water	Ethylbenzene	8260C	ORELAP
87-68-3	Soil	Hexachlorobutadiene	8260B	ORELAP
87-68-3	Water	Hexachlorobutadiene	8260B	ORELAP
87-68-3	Soil	Hexachlorobutadiene	8260C	ORELAP
87-68-3	Water	Hexachlorobutadiene	8260C	ORELAP
591-78-6	Water	Hexanone, 2-	8260B	ORELAP
591-78-6	Water	Hexanone, 2-	8260C	ORELAP
78-93-3	Soil	Methyl Ethyl Ketone (2-Butanone)	8260B	ORELAP
78-93-3	Water	Methyl Ethyl Ketone (2-Butanone)	8260B	ORELAP
78-93-3	Soil	Methyl Ethyl Ketone (2-Butanone)	8260C	ORELAP
78-93-3	Water	Methyl Ethyl Ketone (2-Butanone)	8260C	ORELAP
108-10-1	Soil	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	8260B	ORELAP
108-10-1	Water	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	8260B	ORELAP
108-10-1	Soil	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	8260C	ORELAP
108-10-1	Water	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	8260C	ORELAP

Scope of Approval

CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
1634-04-4	Soil	Methyl tert-Butyl Ether (MTBE)	8260B	ORELAP
1634-04-4	Water	Methyl tert-Butyl Ether (MTBE)	8260B	ORELAP
1634-04-4	Soil	Methyl tert-Butyl Ether (MTBE)	8260C	ORELAP
1634-04-4	Water	Methyl tert-Butyl Ether (MTBE)	8260C	ORELAP
75-09-2	Soil	Methylene Chloride	8260B	ORELAP
75-09-2	Water	Methylene Chloride	8260B	ORELAP
75-09-2	Soil	Methylene Chloride	8260C	ORELAP
75-09-2	Water	Methylene Chloride	8260C	ORELAP
91-20-3	Soil	Naphthalene	8260B	ORELAP
91-20-3	Water	Naphthalene	8260B	ORELAP
91-20-3	Soil	Naphthalene	8260C	ORELAP
91-20-3	Water	Naphthalene	8260C	ORELAP
100-42-5	Soil	Styrene	8260B	ORELAP
100-42-5	Water	Styrene	8260B	ORELAP
100-42-5	Soil	Styrene	8260C	ORELAP
100-42-5	Water	Styrene	8260C	ORELAP
630-20-6	Soil	Tetrachloroethane, 1,1,1,2-	8260B	ORELAP
630-20-6	Water	Tetrachloroethane, 1,1,1,2-	8260B	ORELAP
630-20-6	Soil	Tetrachloroethane, 1,1,1,2-	8260C	ORELAP
630-20-6	Water	Tetrachloroethane, 1,1,1,2-	8260C	ORELAP
79-34-5	Soil	Tetrachloroethane, 1,1,2,2-	8260B	ORELAP
79-34-5	Water	Tetrachloroethane, 1,1,2,2-	8260B	ORELAP
79-34-5	Soil	Tetrachloroethane, 1,1,2,2-	8260C	ORELAP
79-34-5	Water	Tetrachloroethane, 1,1,2,2-	8260C	ORELAP
127-18-4	Soil	Tetrachloroethylene	8260B	ORELAP
127-18-4	Water	Tetrachloroethylene	8260B	ORELAP
127-18-4	Soil	Tetrachloroethylene	8260C	ORELAP
127-18-4	Water	Tetrachloroethylene	8260C	ORELAP
108-88-3	Soil	Toluene	8260B	ORELAP
108-88-3	Water	Toluene	8260B	ORELAP
108-88-3	Soil	Toluene	8260C	ORELAP
108-88-3	Water	Toluene	8260C	ORELAP
87-61-6	Soil	Trichlorobenzene, 1,2,3-	8260B	ORELAP

Scope of Approval

CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
87-61-6	Water	Trichlorobenzene, 1,2,3-	8260B	ORELAP
87-61-6	Soil	Trichlorobenzene, 1,2,3-	8260C	ORELAP
87-61-6	Water	Trichlorobenzene, 1,2,3-	8260C	ORELAP
120-82-1	Soil	Trichlorobenzene, 1,2,4-	8260B	ORELAP
120-82-1	Water	Trichlorobenzene, 1,2,4-	8260B	ORELAP
120-82-1	Soil	Trichlorobenzene, 1,2,4-	8260C	ORELAP
120-82-1	Water	Trichlorobenzene, 1,2,4-	8260C	ORELAP
71-55-6	Soil	Trichloroethane, 1,1,1-	8260B	ORELAP
71-55-6	Water	Trichloroethane, 1,1,1-	8260B	ORELAP
71-55-6	Soil	Trichloroethane, 1,1,1-	8260C	ORELAP
71-55-6	Water	Trichloroethane, 1,1,1-	8260C	ORELAP
79-00-5	Soil	Trichloroethane, 1,1,2-	8260B	ORELAP
79-00-5	Water	Trichloroethane, 1,1,2-	8260B	ORELAP
79-00-5	Soil	Trichloroethane, 1,1,2-	8260C	ORELAP
79-00-5	Water	Trichloroethane, 1,1,2-	8260C	ORELAP
79-01-6	Soil	Trichloroethylene	8260B	ORELAP
79-01-6	Water	Trichloroethylene	8260B	ORELAP
79-01-6	Soil	Trichloroethylene	8260C	ORELAP
79-01-6	Water	Trichloroethylene	8260C	ORELAP
75-69-4	Soil	Trichlorofluoromethane	8260B	ORELAP
75-69-4	Water	Trichlorofluoromethane	8260B	ORELAP
75-69-4	Soil	Trichlorofluoromethane	8260C	ORELAP
75-69-4	Water	Trichlorofluoromethane	8260C	ORELAP
96-18-4	Soil	Trichloropropane, 1,2,3-	8260B	ORELAP
96-18-4	Water	Trichloropropane, 1,2,3-	8260B	ORELAP
96-18-4	Soil	Trichloropropane, 1,2,3-	8260C	ORELAP
96-18-4	Water	Trichloropropane, 1,2,3-	8260C	ORELAP
95-63-6	Soil	Trimethylbenzene, 1,2,4-	8260B	ORELAP
95-63-6	Water	Trimethylbenzene, 1,2,4-	8260B	ORELAP
95-63-6	Soil	Trimethylbenzene, 1,2,4-	8260C	ORELAP
95-63-6	Water	Trimethylbenzene, 1,2,4-	8260C	ORELAP
108-67-8	Soil	Trimethylbenzene, 1,3,5-	8260B	ORELAP
108-67-8	Water	Trimethylbenzene, 1,3,5-	8260B	ORELAP

Scope of Approval

CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
108-67-8	Soil	Trimethylbenzene, 1,3,5-	8260C	ORELAP
108-67-8	Water	Trimethylbenzene, 1,3,5-	8260C	ORELAP
108-05-4	Water	Vinyl Acetate	8260B	ORELAP
108-05-4	Water	Vinyl Acetate	8260C	ORELAP
75-01-4	Soil	Vinyl Chloride	8260B	ORELAP
75-01-4	Water	Vinyl Chloride	8260B	ORELAP
75-01-4	Soil	Vinyl Chloride	8260C	ORELAP
75-01-4	Water	Vinyl Chloride	8260C	ORELAP
179601-23-1	Soil	Xylene, m+p-	8260B	ORELAP
179601-23-1	Water	Xylene, m+p-	8260B	ORELAP
179601-23-1	Soil	Xylene, m+p-	8260C	ORELAP
179601-23-1	Water	Xylene, m+p-	8260C	ORELAP
95-47-6	Soil	Xylene, o-	8260B	ORELAP
95-47-6	Water	Xylene, o-	8260B	ORELAP
95-47-6	Soil	Xylene, o-	8260C	ORELAP
95-47-6	Water	Xylene, o-	8260C	ORELAP