



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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January 20, 2023

Steve Thornley
Beacon Environmental Services, Inc.
2203A Commerce Rd, Suite 1
Forest Hill, MD 21050

RE: Contaminated Sites Laboratory Approval **19-002**

Thank you for submitting a completed application to the Alaska Department of Environmental Conservation's Contaminated Sites Laboratory Approval Program (CS-LAP), on January 10, 2023. Based on your lab's National Environmental Laboratory Accreditation Program (NELAP) approval through the State of Utah Environmental Laboratory Certification Program (UT ELCP) and Department of Defense Environmental Laboratory Accreditation Program (DoD-ELAP) approval through Perry Johnson Laboratory Accreditation, Inc. (PJLA), Beacon Environmental Services, 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 January 20, 2023, and expires on **December 30, 2024**.

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	Air	Acenaphthene	8260C	PJLA
83-32-9	Air	Acenaphthene	TO-17	PJLA
208-96-8	Air	Acenaphthylene	8260C	PJLA
208-96-8	Air	Acenaphthylene	TO-17	PJLA
120-12-7	Air	Anthracene	8260C	PJLA
120-12-7	Air	Anthracene	TO-17	PJLA
56-55-3	Air	Benz[a]anthracene	8260C	PJLA
56-55-3	Air	Benz[a]anthracene	TO-17	PJLA
71-43-2	Air	Benzene	8260C	PJLA
71-43-2	Air	Benzene	TO-15	PJLA
71-43-2	Air	Benzene	TO-17	PJLA
108-86-1	Air	Bromobenzene	8260C	PJLA
108-86-1	Air	Bromobenzene	TO-15	PJLA
108-86-1	Air	Bromobenzene	TO-17	PJLA
75-27-4	Air	Bromodichloromethane	8260C	PJLA
75-27-4	Air	Bromodichloromethane	TO-15	PJLA
75-27-4	Air	Bromodichloromethane	TO-17	PJLA
75-25-2	Air	Bromoform	8260C	PJLA
75-25-2	Air	Bromoform	TO-15	PJLA
75-25-2	Air	Bromoform	TO-17	PJLA
74-83-9	Air	Bromomethane	8260C	UT ELCP
104-51-8	Air	Butylbenzene, n-	8260C	PJLA
104-51-8	Air	Butylbenzene, n-	TO-15	PJLA
104-51-8	Air	Butylbenzene, n-	TO-17	PJLA
135-98-8	Air	Butylbenzene, sec-	8260C	PJLA
135-98-8	Air	Butylbenzene, sec-	TO-15	PJLA
135-98-8	Air	Butylbenzene, sec-	TO-17	PJLA
98-06-6	Air	Butylbenzene, tert-	8260C	PJLA
98-06-6	Air	Butylbenzene, tert-	TO-15	PJLA
98-06-6	Air	Butylbenzene, tert-	TO-17	PJLA
75-15-0	Air	Carbon Disulfide	8260C	PJLA
75-15-0	Air	Carbon Disulfide	TO-15	PJLA
75-15-0	Air	Carbon Disulfide	TO-17	PJLA

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
56-23-5	Air	Carbon Tetrachloride	8260C	PJLA
56-23-5	Air	Carbon Tetrachloride	TO-15	PJLA
56-23-5	Air	Carbon Tetrachloride	TO-17	PJLA
56-23-5	Air	Carbon Tetrachloride	TO-17	PJLA
108-90-7	Air	Chlorobenzene	8260C	PJLA
108-90-7	Air	Chlorobenzene	TO-15	PJLA
108-90-7	Air	Chlorobenzene	TO-17	PJLA
67-66-3	Air	Chloroform	8260C	PJLA
67-66-3	Air	Chloroform	TO-15	PJLA
67-66-3	Air	Chloroform	TO-17	PJLA
98-82-8	Air	Cumene (Isopropylbenzene)	8260C	PJLA
98-82-8	Air	Cumene (isopropylbenzene)	TO-15	PJLA
98-82-8	Air	Cumene (Isopropylbenzene)	TO-17	PJLA
132-64-9	Air	Dibenzofuran	8260C	PJLA
132-64-9	Air	Dibenzofuran	TO-17	PJLA
124-48-1	Air	Dibromochloromethane	8260C	PJLA
124-48-1	Air	Dibromochloromethane	TO-15	PJLA
124-48-1	Air	Dibromochloromethane	TO-17	PJLA
106-93-4	Air	Dibromoethane, 1,2- (Ethylene Dibromide)	8260C	PJLA
106-93-4	Air	Dibromoethane, 1,2- (Ethylene Dibromide)	TO-15	PJLA
106-93-4	Air	Dibromoethane, 1,2- (Ethylene Dibromide)	TO-17	PJLA
74-95-3	Air	Dibromomethane (Methylene Bromide)	8260C	PJLA
74-95-3	Air	Dibromomethane (Methylene Bromide)	TO-15	PJLA
74-95-3	Air	Dibromomethane (Methylene Bromide)	TO-17	PJLA
95-50-1	Air	Dichlorobenzene, 1,2-	8260C	PJLA
95-50-1	Air	Dichlorobenzene, 1,2-	TO-15	PJLA
95-50-1	Air	Dichlorobenzene, 1,2-	TO-17	PJLA
541-73-1	Air	Dichlorobenzene, 1,3-	8260C	PJLA
541-73-1	Air	Dichlorobenzene, 1,3-	TO-15	PJLA
541-73-1	Air	Dichlorobenzene, 1,3-	TO-17	PJLA
106-46-7	Air	Dichlorobenzene, 1,4-	8260C	PJLA
106-46-7	Air	Dichlorobenzene, 1,4-	TO-15	PJLA
106-46-7	Air	Dichlorobenzene, 1,4-	TO-17	PJLA

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
75-71-8	Air	Dichlorodifluoromethane (Freon-12)	8260C	PJLA
75-71-8	Air	Dichlorodifluoromethane (Freon-12)	TO-15	PJLA
75-71-8	Air	Dichlorodifluoromethane (Freon-12)	TO-17	PJLA
75-34-3	Air	Dichloroethane, 1,1-	8260C	PJLA
75-34-3	Air	Dichloroethane, 1,1-	TO-15	PJLA
75-34-3	Air	Dichloroethane, 1,1-	TO-17	PJLA
107-06-2	Air	Dichloroethane, 1,2-	8260C	PJLA
107-06-2	Air	Dichloroethane, 1,2-	TO-15	PJLA
107-06-2	Air	Dichloroethane, 1,2-	TO-17	PJLA
75-35-4	Air	Dichloroethylene, 1,1-	8260C	PJLA
75-35-4	Air	Dichloroethylene, 1,1-	TO-15	PJLA
75-35-4	Air	Dichloroethylene, 1,1-	TO-17	PJLA
156-59-2	Air	Dichloroethylene, 1,2-cis-	8260C	PJLA
156-59-2	Air	Dichloroethylene, 1,2-cis-	TO-15	PJLA
156-59-2	Air	Dichloroethylene, 1,2-cis-	TO-17	PJLA
156-60-5	Air	Dichloroethylene, 1,2-trans-	8260C	PJLA
156-60-5	Air	Dichloroethylene, 1,2-trans-	TO-15	PJLA
156-60-5	Air	Dichloroethylene, 1,2-trans-	TO-17	PJLA
78-87-5	Air	Dichloropropane, 1,2-	8260C	PJLA
78-87-5	Air	Dichloropropane, 1,2-	TO-15	PJLA
78-87-5	Air	Dichloropropane, 1,2-	TO-17	PJLA
10061-01-5	Air	Dichloropropene, cis-1,3-	8260C	PJLA
10061-01-5	Air	Dichloropropene, cis-1,3-	TO-15	PJLA
10061-01-5	Air	Dichloropropene, cis-1,3-	TO-17	PJLA
10061-02-6	Air	Dichloropropene, trans-1,3-	8260C	PJLA
10061-02-6	Air	Dichloropropene, trans-1,3-	TO-15	PJLA
10061-02-6	Air	Dichloropropene, trans-1,3-	TO-17	PJLA
123-91-1	Air	Dioxane, 1,4-	8260C	PJLA
123-91-1	Air	Dioxane, 1,4-	TO-15	PJLA
123-91-1	Air	Dioxane, 1,4-	TO-17	PJLA
75-00-3	Air	Ethyl Chloride	8260C	PJLA
75-00-3	Air	Ethyl Chloride	TO-17	PJLA
100-41-4	Air	Ethylbenzene	8260C	PJLA

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
100-41-4	Air	Ethylbenzene	TO-15	PJLA
100-41-4	Air	Ethylbenzene	TO-17	PJLA
86-73-7	Air	Fluorene	8260C	PJLA
86-73-7	Air	Fluorene	TO-17	PJLA
87-68-3	Air	Hexachlorobutadiene	8260C	PJLA
87-68-3	Air	Hexachlorobutadiene	TO-15	PJLA
87-68-3	Air	Hexachlorobutadiene	TO-17	PJLA
67-72-1	Air	Hexachloroethane	8260C	PJLA
67-72-1	Air	Hexachloroethane	TO-15	PJLA
67-72-1	Air	Hexachloroethane	TO-17	PJLA
108-10-1	Air	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	8260C	PJLA
108-10-1	Air	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	TO-15	PJLA
108-10-1	Air	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	TO-17	PJLA
1634-04-4	Air	Methyl tert-Butyl Ether (MTBE)	8260C	PJLA
1634-04-4	Air	Methyl tert-Butyl Ether (MTBE)	TO-15	PJLA
1634-04-4	Air	Methyl tert-Butyl Ether (MTBE)	TO-17	PJLA
75-09-2	Air	Methylene Chloride	8260C	PJLA
75-09-2	Air	Methylene Chloride	TO-15	PJLA
75-09-2	Air	Methylene Chloride	TO-17	PJLA
91-57-6	Air	Methylnaphthalene, 2-	8260C	PJLA
91-57-6	Air	Methylnaphthalene, 2-	TO-15	PJLA
91-57-6	Air	Methylnaphthalene, 2-	TO-17	PJLA
91-20-3	Air	Naphthalene	8260C	PJLA
91-20-3	Air	Naphthalene	TO-15	PJLA
91-20-3	Air	Naphthalene	TO-17	PJLA
85-01-8	Air	Phenanthrene	8260C	PJLA
85-01-8	Air	Phenanthrene	TO-17	PJLA
103-65-1	Air	Propyl benzene	8260C	PJLA
103-65-1	Air	Propyl benzene	TO-15	PJLA
103-65-1	Air	Propyl benzene	TO-17	PJLA
129-00-0	Air	Pyrene	8260C	PJLA
129-00-0	Air	Pyrene	TO-17	PJLA
100-42-5	Air	Styrene	8260C	PJLA

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
100-42-5	Air	Styrene	TO-15	PJLA
100-42-5	Air	Styrene	TO-17	PJLA
630-20-6	Air	Tetrachloroethane, 1,1,1,2-	8260C	PJLA
630-20-6	Air	Tetrachloroethane, 1,1,1,2-	TO-15	PJLA
79-34-5	Air	Tetrachloroethane, 1,1,2,2-	8260C	PJLA
79-34-5	Air	Tetrachloroethane, 1,1,2,2-	TO-15	PJLA
79-34-5	Air	Tetrachloroethane, 1,1,2,2-	TO-17	PJLA
127-18-4	Air	Tetrachloroethylene	8260C	PJLA
127-18-4	Air	Tetrachloroethylene	TO-15	PJLA
127-18-4	Air	Tetrachloroethylene	TO-17	PJLA
108-88-3	Air	Toluene	8260C	PJLA
108-88-3	Air	Toluene	TO-15	PJLA
108-88-3	Air	Toluene	TO-17	PJLA
76-13-1	Air	Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	8260C	PJLA
76-13-1	Air	Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	TO-15	PJLA
76-13-1	Air	Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	TO-17	PJLA
87-61-6	Air	Trichlorobenzene, 1,2,3-	8260C	PJLA
87-61-6	Air	Trichlorobenzene, 1,2,3-	TO-15	PJLA
87-61-6	Air	Trichlorobenzene, 1,2,3-	TO-17	PJLA
120-82-1	Air	Trichlorobenzene, 1,2,4-	8260C	PJLA
120-82-1	Air	Trichlorobenzene, 1,2,4-	TO-15	PJLA
120-82-1	Air	Trichlorobenzene, 1,2,4-	TO-17	PJLA
71-55-6	Air	Trichloroethane, 1,1,1-	8260C	PJLA
71-55-6	Air	Trichloroethane, 1,1,1-	TO-15	PJLA
71-55-6	Air	Trichloroethane, 1,1,1-	TO-17	PJLA
79-00-5	Air	Trichloroethane, 1,1,2-	8260C	PJLA
79-00-5	Air	Trichloroethane, 1,1,2-	TO-15	PJLA
79-00-5	Air	Trichloroethane, 1,1,2-	TO-17	PJLA
79-01-6	Air	Trichloroethylene	8260C	PJLA
79-01-6	Air	Trichloroethylene	TO-15	PJLA
79-01-6	Air	Trichloroethylene	TO-17	PJLA
75-69-4	Air	Trichlorofluoromethane	8260C	PJLA
75-69-4	Air	Trichlorofluoromethane	TO-15	PJLA

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
75-69-4	Air	Trichlorofluoromethane	TO-17	PJLA
96-18-4	Air	Trichloropropane, 1,2,3-	8260C	PJLA
96-18-4	Air	Trichloropropane, 1,2,3-	TO-15	PJLA
96-18-4	Air	Trichloropropane, 1,2,3-	TO-17	PJLA
95-63-6	Air	Trimethylbenzene, 1,2,4-	8260C	PJLA
95-63-6	Air	Trimethylbenzene, 1,2,4-	TO-15	PJLA
95-63-6	Air	Trimethylbenzene, 1,2,4-	TO-17	PJLA
108-67-8	Air	Trimethylbenzene, 1,3,5-	8260C	PJLA
108-67-8	Air	Trimethylbenzene, 1,3,5-	TO-15	PJLA
108-67-8	Air	Trimethylbenzene, 1,3,5-	TO-17	PJLA
75-01-4	Air	Vinyl Chloride	8260C	PJLA
75-01-4	Air	Vinyl Chloride	TO-15	PJLA
75-01-4	Air	Vinyl Chloride	TO-17	PJLA
179601-23-1	Air	Xylene, m+p-	8260C	PJLA
179601-23-1	Air	Xylene, m+p-	TO-15	PJLA
179601-23-1	Air	Xylene, m+p-	TO-17	PJLA
95-47-6	Air	Xylene, o-	8260C	PJLA
95-47-6	Air	Xylene, o-	TO-15	PJLA
95-47-6	Air	Xylene, o-	TO-17	PJLA