

Application for the State of Alaska
Department of Environmental Conservation (ADEC)
Contaminated Sites Laboratory Approval Program

If you have any questions regarding this form, please contact the ADEC by phone at
(907)375-8210 or Fax (907)929-7335 or email lance.morris@alaska.gov.
Or view instructions on our website at <http://www.state.ak.us/dec/eh/lab/CS/csapproval.htm>

Section A - General Information

Complete all sections of the application. Submit the completed application with the required documentation and the non-refundable fee of \$800.

1. Legal Applicant _____ UST- _____
(e.g. corporation, owner, partnership, proprietor)

2. Laboratory Name _____

3. Mailing Address Street or P.O. Box _____
City and State _____
Zip & EPA Region _____

4. Physical Location _____

5. Contact Person: Name, _____
Title _____
Phone # _____
Email address _____

6. Application Type Initial **Renewal (Please read #10 carefully)**

7. Laboratory Classification Academic Industrial Commercial
Government (specify Federal, State, Municipal, etc.) Other (specify) _____

8. All fees are non-refundable. Payment must be made by certified check or money order made out to
"The State of Alaska - Department of Environmental Conservation".

9. Approval is valid for one (1) year from date of initial application receipt. Approval must be renewed
annually.

10. PLEASE READ CAREFULLY: Application for renewal must be made between 90 to 30 days **before**
expiration.

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Section B - Technical Information

Submit the following documentation to:

Department of Environmental Conservation
CS Lab Approval
5251 Dr. MLK Jr. Avenue
Anchorage, AK 99507
Attn: Lance Morris

1. **This application**, completed in full.
2. **Laboratory Quality Assurance Plan (QAP)**. The QAP must contain unmodified SOPs as specified in Table 1 of 18 AAC 78.800 for each method the laboratory is seeking approval. In addition, the minimum elements from the EPA are *Guidance on Preparation of Laboratory Quality Assurance Plans*, Revision 1, October 9, 1992 (EPA 910/0-92-032).
3. **Performance Evaluation (PE) results** in soil and in water for GRO, DRO, and BTEX and in soils for RRO, using the required methods listed in Table 1 of 18 AAC 78.800. BTEX PE results must be reported by each method for which the laboratory is seeking approval. Blind PE samples must be provided by a supplier approved by ADEC. **PEs must fall within the concentration ranges specified by the State of Alaska. PEs which fall outside this range will not be allowed even if the results are "acceptable."**
FIRST TIME APPROVAL: Acceptable PE results must be analyzed no more than 90 days prior to submission of the application and no more than 30 days after submission of application for approval to ADEC-SCL. Annual successful PE completion is required to maintain ADEC Laboratory Approval.
RENEWAL OF APPROVAL: Acceptable PE results for renewal of approval must be analyzed between 90 to 30 days prior to expiration of approval to prevent a lapse in approval.
Performance evaluation results must be submitted to ADEC by the third party vendor.
4. **The fee** for laboratory approval is \$800.00. (This fee is non-refundable regardless of acceptance or rejection of a laboratory's application.) The check should be made out to "The State of Alaska - Department of Environmental Conservation.
5. **Certification of applicant.** I certify that I have read 18 AAC 78 as it pertains to the approval of the laboratory identified in Section A, and that the information provided herein is accurate and correct to the best of my knowledge. Furthermore, I understand that by signing this I, the legal representative of the candidate laboratory, agree that the candidate laboratory shall abide by the rules and regulations contained within 18 AAC 78 including subsequent amendments. Any modifications made to the approved methods have been authorized by ADEC in writing.

Printed name of legal representative _____ Title _____

Signature of legal representative _____ Date _____

Notarized on this day _____ By _____ ID # _____

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Section C - Analytical Methods

1. Select the Method(s) for which approval is requested.

Do not add methods to this list. Only these methods are approved by the state of Alaska. Applications that have been altered to contain additional methods can not be accepted.

QAP/SOPs for the following methods are included with this application
sent under separate cover
on file with ADEC
submitted electronically

<u>Parameter (Matrix)</u>	<u>Approved Method(s)</u>	
a. Gasoline Range Organics (Water & Soils)	AK101 <input type="checkbox"/>	AK101-MS <input type="checkbox"/>
b. Diesel Range Organics (Water & Soils)	AK102 <input type="checkbox"/>	AK102-SV _____* <input type="checkbox"/> <small>Volume in mL</small>
c. Residual Range Organics (Soils only)	AK103 <input type="checkbox"/>	
d. Total BTEX (Water)	AK101 <input type="checkbox"/> EPA 8021B <input type="checkbox"/> EPA 8260B <input type="checkbox"/>	
e. Total BTEX (Soils)	AK101/8021B <input type="checkbox"/> EPA 8260B <input type="checkbox"/>	
f. Total Polynuclear Aromatic Hydrocarbons (Water)	EPA 8270C <input type="checkbox"/> -SV <input type="checkbox"/> EPA 8310 <input type="checkbox"/>	EPA 8270D <input type="checkbox"/> -SV <input type="checkbox"/>
g. Total Polynuclear Aromatic Hydrocarbons (Soils)	EPA 8270C <input type="checkbox"/> -SV <input type="checkbox"/> EPA 8310 <input type="checkbox"/>	EPA 8270D <input type="checkbox"/> -SV <input type="checkbox"/>
h. Total Volatile Chlorinated Solvents (Water)	EPA 8021B <input type="checkbox"/> EPA 8260B <input type="checkbox"/>	
i. Total Volatile Chlorinated Solvents (Soils)	EPA 8260B <input type="checkbox"/>	
j. Polychlorinated Biphenyls (Water)	EPA 8082 <input type="checkbox"/>	EPA 8082A
k. Polychlorinated Biphenyls (Soils)	EPA 8082 <input type="checkbox"/>	EPA 8082A

* Specify volume to be used for AK102-SV. The analyzed sample volume must be a minimum of 100 mL.

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<u>Parameter (Matrix)</u>	<u>Approved Method(s)</u>	<u>Approved Method(s)</u>
i. Total Arsenic (Water)	EPA 6010B <input type="checkbox"/> EPA 6020 <input type="checkbox"/> EPA 7060A <input type="checkbox"/> EPA 7061A <input type="checkbox"/>	m. Total Arsenic (Soils) EPA 6010B <input type="checkbox"/> EPA 6020 <input type="checkbox"/> EPA 7060A <input type="checkbox"/> EPA 7061A <input type="checkbox"/>
n. Total Barium (Water)	EPA 6010B <input type="checkbox"/> EPA 6020 <input type="checkbox"/> EPA 7080A <input type="checkbox"/> EPA 7081 <input type="checkbox"/>	o. Total Barium (Soils) EPA 6010B <input type="checkbox"/> EPA 6020 <input type="checkbox"/> EPA 7080A <input type="checkbox"/> EPA 7081 <input type="checkbox"/>
p. Total Cadmium (Water)	EPA 6010B <input type="checkbox"/> EPA 6020 <input type="checkbox"/> EPA 7130 <input type="checkbox"/> EPA 7131A <input type="checkbox"/>	q. Total Cadmium (Soils) EPA 6010B <input type="checkbox"/> EPA 6020 <input type="checkbox"/> EPA 7130 <input type="checkbox"/> EPA 7131A <input type="checkbox"/>
r. Total Chromium (Water)	EPA 6010B <input type="checkbox"/> EPA 6020 <input type="checkbox"/> EPA 7190 <input type="checkbox"/> EPA 7191 <input type="checkbox"/>	s. Total Chromium (Soils) EPA 6010B <input type="checkbox"/> EPA 6020 <input type="checkbox"/> EPA 7190 <input type="checkbox"/> EPA 7191 <input type="checkbox"/>
t. Total Lead (Water)	EPA 6010B <input type="checkbox"/> EPA 6020 <input type="checkbox"/> EPA 7420 <input type="checkbox"/> EPA 7421 <input type="checkbox"/>	u. Total Lead (Soils) EPA 6010B <input type="checkbox"/> EPA 6020 <input type="checkbox"/> EPA 7420 <input type="checkbox"/> EPA 7421 <input type="checkbox"/>
v. Total Nickel (Water)	EPA 6010B <input type="checkbox"/> EPA 6020 <input type="checkbox"/> EPA 7520 <input type="checkbox"/> EPA 7521 <input type="checkbox"/>	w. Total Nickel (Soils) EPA 6010B <input type="checkbox"/> EPA 6020 <input type="checkbox"/> EPA 7520 <input type="checkbox"/> EPA 7521 <input type="checkbox"/>
x. Total Vanadium (Water)	EPA 6010B <input type="checkbox"/> EPA 6020 <input type="checkbox"/> EPA 7910 <input type="checkbox"/> EPA 7911 <input type="checkbox"/>	y. Total Vanadium (Soils) EPA 6010B <input type="checkbox"/> EPA 6020 <input type="checkbox"/> EPA 7910 <input type="checkbox"/> EPA 7911 <input type="checkbox"/>