To apply for A2LA accreditation under the environmental field of testing, each applicant is required to identify the test type/test technology and list of standard test methods (by designation and title) for which accreditation is sought. In addition, please identify the types of products and materials you perform. This will ensure that an assessor’s technical expertise is correctly matched to the testing that your laboratory performs and enables A2LA staff to generate the desired draft Scope of Accreditation.

##### SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

LABORATORY NAME

Street Address

City, State, Zip Code

Laboratory Contact Name Phone: (###) ### ####

Email address

ENVIRONMENTAL

Valid To: Month ##, YYYY Certificate Number: 0000.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below; and for the test methods applicable to the Wyoming Storage Tank Remediation Laboratory Accreditation Program Requirements:

Testing Technologies

ICP-AES Spectrometry, Gas Chromatography, Gas Chromatography / Mass Spectrometry

**ANALYTICAL METHODS FOR SOIL SAMPLES**

|  |  |  |
| --- | --- | --- |
| **Product** | **Constituent** | **EPA Method** |
| **Fuel Tanks** | BETX | 5035/8021B or 5035/8260B or 8260C |
| Total Organic Carbon | 415 for soil |
| Total Lead | 3020A/7421 or 6010C |
| TPH-DRO (see note 2) | 8015C or 8270D; C10 - C32 |
| TPH-GRO | 8015C or 5035/8260B or 8260C; C6 - C10 |
| Naphthalene | 5035/8021B or 5035/8260B or 8260C |
| **Used Oil Tanks** | BETX | 5035/8021B or 5035/8260B or 8260C |
| Total Organic Carbon | 415 for soil |
| TPH-DRO (see note 2) | 8015C or 8270D; C10 - C32 |
| Naphthalene | 5035/8021B or 5035/8260B or 8260C |
| Total Lead | 3020A/7421 or 6010C |
| Total Cadmium | 3020A/7131A or 6010C |
| Total Chromium – total, hexavalent, trivalent | 6010C for total; 3060A/7196A forhexavalent; trivalent as difference between total and hexavalent |
| TOX | 9023 |

**ANALYTICAL METHODS FOR GROUNDWATER SAMPLES**

| **Product** | **Constituent** | **EPA Method** |
| --- | --- | --- |
| **Fuel Tanks** | Benzene | 5030B/8021B or 5030B/8260B or 8260C |
| Ethylbenzene | 5030B/8021B or 5030B/8260B or 8260C |
| Toluene | 5030B/8021B or 5030B/8260B or 8260C |
| Xylenes | 5030B/8021B or 5030B/8260B or 8260C  |
| Methyl *tert*-Butyl Ether (MTBE) | 5030B/8021B or 5030B/8260B or 8260C |
| *tert*-Butyl Alcohol (TBA) | 5030B/8021B or 5030B/8260B or 8260C |
| Ethyl *tert*-Butyl Ether (ETBE) | 5030B/8021B or 5030B/8260B or 8260C |
| Diisopropyl Ether (DIPE) | 5030B/8021B or 5030B/8260B or 8260C |
| *tert*-Amyl Methyl Ether (TAME) | 5030B/8021B or 5030B/8260B or 8260C |
| TPH-GRO | 8015C or 5030B/8260B or 8260C; C6 - C10 |
| TPH-DRO (see notes 4 and 5) | 8015C with silica gel cleanup or 8270D with silica gel cleanup; C10 - C32 |
| Naphthalene | 5030B/8021B or 5030B/8260B or 8260C |
| Dissolved Lead | 3020A/7421 or 6010C |
| 1,2-dibromoethane or ethylene dibromide (EDB) | 8011 (see note 6) |
| 1,2-dichloroethane (1,2-DCA) | 8260B or 8260C |
| **Used Oil Tanks** | Benzene | 5030B/8021B or 5030B/8260B or8260C |
| Ethylbenzene | 5030B/8021B or 5030B/8260B or8260C |
| Toluene | 5030B/8021B or 5030B/8260B or8260C |
| Xylenes | 5030B/8021B or 5030B/8260B or8260C |
| TPH-DRO (see notes 4 and 5) | 8015C, with silica gel cleanup or 8270D with silica gel cleanup; C10 - C32 |
| Naphthalene | 5030B/8021B or 5030B/8260B or8260C |
| Dissolved Lead | 3020A/7421 or 6010C |
| Dissolved Cadmium | 3020A/7131A or 6010C |
| Dissolved Chromium; total, hexavalent, and trivalent | 6010C for total; 7196A for hexavalent; trivalent as the difference between total and hexavalent concentrations |

**DOCUMENT REVISION HISTORY**

|  |  |
| --- | --- |
| **Date** | **Description** |
| 06/14/21 | * Updated analyte list and information related to EDB and 1,2-DCA based on SHWD STP Guidance Document 7
 |
| 06/10/22 | * Complete re-write of document to align with current regulations found in Administrative Rule Chapter 1, Part J Storage Tank Program, Guidance Document #7 and #8
 |