

November 1, 2004

Hazardous, Toxic and Radioactive Waste
Center of Expertise

Marina Mitchell
SGS Environmental Services, Inc.
200 West Potter Drive
Anchorage, AK 99518

Dear Ms. Mitchell:

This correspondence addresses the ongoing validation status of SGS Environmental Services, Inc. of Anchorage, Alaska for the U.S. Army Corps of Engineers (USACE) for chemical analysis in support of the USACE Hazardous, Toxic and Radioactive Waste Program, by the addition of Anions by Method 300.0 and Metals by 7000A.

Your laboratory is now validated for the parameters listed below:

METHOD ⁽¹⁾	PARAMETERS	MATRIX ⁽²⁾
300.0	Anions ⁽⁵⁾	Water ⁽³⁾
5030B/8021B	Aromatic Volatile Organics (BTEX)	Water ⁽³⁾
5030B/5035/8021B	Aromatic Volatile Organics (BTEX)	Solids ⁽³⁾
3510C/8081A	Organochlorine Pesticides	Water ⁽³⁾
3540B/3550B/8081A	Organochlorine Pesticides	Solids ⁽³⁾
3510C/8082	Polychlorinated Biphenyls	Water ⁽³⁾
3540B/3550B/8082	Polychlorinated Biphenyls	Solids ⁽³⁾
3510C/8270C	Semivolatile Organics	Water ⁽³⁾
3540B/3550B/8270C	Semivolatile Organics	Solids ⁽³⁾
3510C/8270C-SIM	Semivolatile Organics (PAH)	Water ⁽³⁾
3540B/3550B/8270C-SIM	Semivolatile Organics (PAH)	Solids ⁽³⁾
3015/6010B/7000A/7470A	TAL Metals ⁽⁴⁾	Water ⁽³⁾
3050B/6010B/7000A/7471A	TAL Metals ⁽⁴⁾	Solids ⁽³⁾
3015/6020	TAL Metals ⁽⁴⁾	Water ⁽³⁾
3050B/6020	TAL Metals ⁽⁴⁾	Solids ⁽³⁾
5030B/Mod 8015	TPH - GRO	Water ⁽⁶⁾

5030B/5035/Mod 8015	TPH - GRO	Solids ⁽⁶⁾
3510C/Mod 8015	TPH - DRO	Water ⁽⁶⁾
3540B/3550B/Mod 8015	TPH - DRO	Solids ⁽⁶⁾
3510C/Mod 8015	TPH - RRO	Water ⁽⁶⁾
3540B/3550B/Mod 8015	TPH - RRO	Solids ⁽⁶⁾
5030B/AK101	TPH - GRO	Water ⁽³⁾
5030B/5035/AK101	TPH - GRO	Solids ⁽³⁾
3510C/AK102	TPH - DRO	Water ⁽³⁾
3540B/3550B/AK102	TPH - DRO	Solids ⁽³⁾
3510C/AK103	TPH - RRO	Water ⁽³⁾
3540B/3550B/AK103	TPH - RRO	Solids ⁽³⁾
5030B/8260B	Volatile Organics	Water ⁽³⁾
5030B/5035/8260B	Volatile Organics	Solids ⁽³⁾

- Remarks:
- 1) Sample preparation methods have been added to reflect program policy change.
 - 2) 'Solids' includes soils, sediments, and solid waste.
 - 3) The laboratory has successfully analyzed a Proficiency Testing (PT) sample for this method/matrix.
 - 4) TAL Metals: Aluminum, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, nickel, potassium, selenium, silver, sodium, thallium, vanadium, and zinc.
 - 5) Anions: Chloride, fluoride, sulfate, nitrate, nitrite, and ortho-phosphate.
 - 6) Approval for this parameter is based on review of SOPs only.

Based on the successful analysis of the National Environmental Laboratory Accreditation Conference Proficiency Testing samples for the appropriate fields of testing, the results of the laboratory inspection, and your Corrective Action Report, your laboratory will be validated for sample analysis by the methods listed above. The evaluation, which was conducted for your facility, is based substantially on ISO Guide 25 (General Requirements for the Competence of Testing Laboratories) and USACE Engineering Manual (EM) 200-1-3, Appendix I (Shell for Analytical Chemistry Requirements). The period of validation has been previously established and expires on September 21, 2006.

The USACE reserves the right to conduct additional laboratory inspections or to suspend validation status for any or all of the listed parameters if deemed necessary. It should be noted that your laboratory may not subcontract USACE analytical work to any other laboratory location without the approval of this office. This laboratory validation does not guarantee the delivery of any analytical samples from a USACE Contracting Officer Representative.

- 3 -

Any questions or comments can be directed to Joseph Solsky at (402) 697-2573. General questions regarding laboratory validation may be directed to the Laboratory Validation Coordinator at (402) 697-2574.

Sincerely,

Marcia C. Davies, Ph.D.
Director, USACE Hazardous,
Toxic and Radioactive Waste
Center of Expertise