



Healthy People. Healthy Communities.

S.C. Department of Health and  
Environmental Control

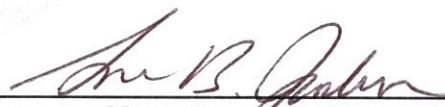
# Environmental Laboratory Certification Program

*In accordance with the provisions of Regulation 61-81, entitled "State Environmental Laboratory Certification Regulations"*

**ALS ENVIRONMENTAL KELSO  
1317 S 13TH AVE  
KELSO, WASHINGTON 98626**

*is hereby certified to perform analyses as documented on the attached parameter list(s). This certification does not guarantee validity of the data generated, but indicates the laboratory's adherence to prescribed methodology, quality control, records keeping, and reporting procedures. This certificate is the property of S.C. DHEC and must be surrendered upon demand. This certificate is non-transferable and is valid only for the parameters and methodology listed on the attached parameter list(s).*

Laboratory Director: AMBROSE HUGHEY  
Certifying Authority: OR  
Date of Issue: June 06, 2018  
Date of Expiration: February 10, 2019  
Certificate Number: 61002001

  
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Program Manager  
Office of Environmental Laboratory Certification

**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM**

**ALS ENVIRONMENTAL KELSO (Laboratory ID 61002)**  
**Laboratory Director: AMBROSE HUGHEY**  
**Certifying Authority: OR**  
**Certificate Number: 61002001**

**Date of Issue: June 06, 2018**  
**Expiration Date: February 10, 2019**

**CLEAN WATER ACT**

**INORGANIC - MISCELLANEOUS**

ADSORBABLE ORGANIC HALIDES (AOX) CYANIDE SULFIDE	EPA 1650C (1997) EPA 335.4 (1993) SM 4500-S2 F-2011	ADSORPTION AND COULOMETRIC TITRATION SEMI-AUTOMATED COLORIMETRY TITRIMETRIC (IODINE)
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**INORGANIC - NUTRIENT**

AMMONIA-NITROGEN AMMONIA-NITROGEN	SM 4500-NH3 B-2011 SM 4500-NH3 G-2011	DISTILLATION AUTOMATED PHENATE
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**INORGANIC - RESIDUE**

RESIDUE, NONFILTERABLE (TSS)	SM 2540 D-2011	GRAVIMETRIC 103-105
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**INORGANIC - TRACE METAL**

ANTIMONY ANTIMONY ARSENIC BARIUM BARIUM BERYLLIUM BERYLLIUM CADMIUM CADMIUM CHROMIUM CHROMIUM COPPER COPPER LEAD MANGANESE MANGANESE MERCURY MERCURY MOLYBDENUM MOLYBDENUM NICKEL NICKEL SELENIUM SILVER SILVER	EPA 200.7 (1994) EPA 200.8 (1994) EPA 200.8 (1994) EPA 200.7 (1994) EPA 200.8 (1994) EPA 200.7 (1994) EPA 200.8 (1994) EPA 200.7 (1994) EPA 200.8 (1994) EPA 200.7 (1994) EPA 200.8 (1994) EPA 200.7 (1994) EPA 200.8 (1994) EPA 200.7 (1994) EPA 200.8 (1994) EPA 1631E (2002) EPA 245.1 (1994) EPA 200.7 (1994) EPA 200.8 (1994) EPA 200.7 (1994) EPA 200.8 (1994) EPA 200.7 (1994) EPA 200.8 (1994) EPA 200.7 (1994) EPA 200.8 (1994)	ICP/AES ICP/MS ICP/MS ICP/AES ICP/MS ICP/AES ICP/MS ICP/AES ICP/MS ICP/AES ICP/MS ICP/AES ICP/MS ICP/MS ICP/AES PURGE AND TRAP CVAFS COLD VAPOR (MANUAL) ICP/AES ICP/MS ICP/AES ICP/MS ICP/MS ICP/AES ICP/AES ICP/MS
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INORGANIC - TRACE METAL

THALLIUM	EPA 200.8 (1994)	ICP/MS
VANADIUM	EPA 200.7 (1994)	ICP/AES
VANADIUM	EPA 200.8 (1994)	ICP/MS
ZINC	EPA 200.7 (1994)	ICP/AES
ZINC	EPA 200.8 (1994)	ICP/MS

SEMI-VOLATILES

SVO BY ISOTOPE-GC/MS	EPA 1653A (1997)
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