



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304-2345
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Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

October 18, 2012

Marcy Bolek
Vice President
Alloway Environmental Testing Services
1101 North Cole Street
Lima, OH 45805

Dear Ms. Bolek:

Please find enclosed an ATTACHMENT I certifying your facility through October 31, 2013.

If you have any questions, and if I can be of further assistance please call me at (304) 926-0499 ext. 1341 or e-mail me at Daniel.T.Arnold@wv.gov.

Sincerely,

Daniel T. Arnold
Program Manager
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Enclosure:

Attachment I

WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER AND WASTE MANAGEMENT

List of Certified Parameters
for

**ALLOWAY ENVIRONMENTAL TESTING
SERVICES
LIMA, OHIO**

PARAMETERS CERTIFIED

NONPOTABLE WATER INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Bromide	EPA300.0 Rev 2.1-1993	IC
Bromide	SW9056	IC
Carbon, Total Organic (TOC)	SM20th5310 B	Combustion
Carbon, Total Organic (TOC)	SW9060	Combustion
Chloride	EPA300.0 Rev 2.1-1993	IC
Chloride	SW9056	IC
Fluoride	EPA300.0 Rev 2.1-1993	IC
Fluoride	SW9056	IC
Nitrate	EPA300.0 Rev 2.1-1993	IC
Nitrate-Nitrite	EPA300.0 Rev 2.1-1993	Calculation
Nitrate-Nitrite	SM20th4500-NO3 F	Spectrophotometric
Nitrite	EPA300.0 Rev 2.1-1993	IC
Sulfate	EPA300.0 Rev 2.1-1993	IC
Sulfate	SW9056	IC

NONPOTABLE WATER TRACE METALS

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Aluminum	EPA200.7 Rev 4.4-1994	ICP
Aluminum	SW6010B	ICP
Arsenic	EPA200.7 Rev 4.4-1994	ICP
Arsenic	SW6010B	ICP
Barium	EPA200.7 Rev 4.4-1994	ICP
Barium	SW6010B	ICP
Beryllium	EPA200.7 Rev 4.4-1994	ICP
Beryllium	SW6010B	ICP
Cadmium	EPA200.7 Rev 4.4-1994	ICP
Cadmium	SW6010B	ICP

Calcium	EPA200.7 Rev 4.4-1994	ICP
Calcium	SW6010B	ICP
Chromium	EPA200.7 Rev 4.4-1994	ICP
Chromium	SW6010B	ICP
Cobalt	EPA200.7 Rev 4.4-1994	ICP
Cobalt	SW6010B	ICP
Copper	EPA200.7 Rev 4.4-1994	ICP
Copper	SW6010B	ICP
Iron	EPA200.7 Rev 4.4-1994	ICP
Lead	EPA200.7 Rev 4.4-1994	ICP
Lead	SW6010B	ICP
Magnesium	EPA200.7 Rev 4.4-1994	ICP
Magnesium	SW6010B	ICP
Manganese	EPA200.7 Rev 4.4-1994	ICP
Manganese	SW6010B	ICP
Mercury	EPA245.1 Rev 3.0-1994	CVAA
Mercury	SW7470A	CVAA
Mercury	SW7470A	Digestion
Metals, Dissolved	EPA200.7 Rev 4.4-1994	Filtration
Metals, Total	EPA200.2	Digestion
Metals, Total	EPA200.7 Rev 4.4-1994	Digestion
Metals, Total	SW3010A	Digestion
Molybdenum	EPA200.7 Rev 4.4-1994	ICP
Molybdenum	SW6010B	ICP
Nickel	EPA200.7 Rev 4.4-1994	ICP
Nickel	SW6010B	ICP
Potassium	EPA200.7 Rev 4.4-1994	ICP
Potassium	SW6010B	ICP
Selenium	EPA200.7 Rev 4.4-1994	ICP
Selenium	SW6010B	ICP
Silver	EPA200.7 Rev 4.4-1994	ICP
Silver	SW6010B	ICP
Sodium	EPA200.7 Rev 4.4-1994	ICP
Sodium	SW6010B	ICP
Strontium	EPA200.7 Rev 4.4-1994	ICP
Strontium	SW6010B	ICP
Vanadium	EPA200.7 Rev 4.4-1994	ICP
Vanadium	SW6010B	ICP
Zinc	EPA200.7 Rev 4.4-1994	ICP
Zinc	SW6010B	ICP

NONPOTABLE WATER VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Purgeables	EPA624	GC/MS
Total Petroleum Hydrocarbons (GRO)	SW8015C	GC/FID
Volatile Organic Compounds	SW8260B	GC/MS

NONPOTABLE WATER EXTRACTABLE AND SEMI-VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Acrylamide	SW8316	HPLC

Base/Neutrals & Acids	EPA625	GC/MS
Liquid-Liquid Extraction	SW3510	Separatory Funnel
Organochlorine Pesticides	SW8081B	GC
Organochlorine Pesticides & PCBs	EPA608	GC
Polychlorinated Biphenyls	SW8082A	GC
Semivolatile Organic Compounds	SW8270C	GC/MS
Semivolatile Organic Compounds	SW8270C	SIM
Sulfur Cleanup	SW3660B	Cleanup
Sulfuric Acid/Permanganate Cleanup	SW3665A	Cleanup
Total Petroleum Hydrocarbons (DRO)	SW8015C	GC/FID

SOLID AND CHEMICAL VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Total Petroleum Hydrocarbons (GRO)	SW8015C	GC/FID
Volatile Organic Compounds	SW8260B	GC/MS

SOLID AND CHEMICAL EXTRACTABLE AND SEMI-VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Organochlorine Pesticides	SW8081B	GC
Polychlorinated Biphenyls	SW8082A	GC
Pressurized Fluid (PFE)	SW3545A	Extraction
Semivolatile Organic Compounds	SW8270C	GC/MS
Semivolatile Organic Compounds	SW8270C	SIM
Sulfur Cleanup	SW3660B	Cleanup
Sulfuric Acid/Permanganate Cleanup	SW3665A	Cleanup
Total Petroleum Hydrocarbons (DRO)	SW8015C	GC/FID
Waste Dilution	SW3580A	Dilution

This laboratory may test **ONLY** for those environmental parameters listed above for compliance reporting purposes. All testing must be by the test method cited in the current application for certification.

This Certification Expires October 31, 2013.

Certificate No 322



Issued on October 18, 2012

Daniel T. Arnold
Program Manager