



State of Florida
Department of Health, Bureau of Laboratories
This is to certify that
E87575

FRONTIER GEOSCIENCES, INC.
414 PONTIUS AVENUE NORTH
SEATTLE, WA 98109

has complied with Florida Administrative Code 64E-1,
for the examination of Environmental samples in the following categories

NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, SOLID AND CHEMICAL MATERIALS - METALS, BIOLOGICAL
TISSUE - METALS, AIR AND EMISSIONS - METALS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

EFFECTIVE July 01, 2009 THROUGH June 30, 2010



A handwritten signature in black ink, appearing to read "Max Salfinger".

Max Salfinger, M.D.
Chief, Bureau of Laboratories
Florida Department of Health
DH Form 1697, 7/04

NON-TRANSFERABLE E87575-07-07/01/2009
Supersedes all previously issued certificates

Laboratory Scope of Accreditation

Attachment to Certificate #: E87575-07, expiration date June 30, 2010. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87575**

EPA Lab Code: **WA01127**

(206) 622-6960

E87575

**Frontier Geosciences, Inc.
414 Pontius Avenue North
Seattle, WA 98109**

Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Aluminum	EPA 200.8	Metals	NELAP	5/27/2003
Aluminum	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Antimony	EPA 200.8	Metals	NELAP	5/27/2003
Antimony	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Arsenic	EPA 200.8	Metals	NELAP	5/27/2003
Arsenic	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Barium	EPA 200.8	Metals	NELAP	5/27/2003
Barium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Beryllium	EPA 200.8	Metals	NELAP	5/27/2003
Beryllium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Boron	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Cadmium	EPA 200.8	Metals	NELAP	5/27/2003
Cadmium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Chromium	EPA 200.8	Metals	NELAP	5/27/2003
Chromium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Chromium VI	SM 3500-Cr D (18th/19th Ed.)/UV-VIS	General Chemistry	NELAP	5/27/2003
Cobalt	EPA 200.8	Metals	NELAP	5/27/2003
Cobalt	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Copper	EPA 200.8	Metals	NELAP	5/27/2003
Copper	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Iron	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Lead	EPA 200.8	Metals	NELAP	5/27/2003
Lead	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Magnesium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Manganese	EPA 200.8	Metals	NELAP	5/27/2003
Manganese	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Mercury	EPA 1631	Metals	NELAP	5/27/2003
Mercury	FGS-069/CVAFS	Metals	NELAP	4/10/2008
Mercury	SOP FGS 069.1	Metals	NELAP	6/7/2002
Methyl mercury	FGS-070/CV-GC-AFS	Metals	NELAP	4/10/2008
Methyl mercury	SOP FGS-070.1	Metals	NELAP	1/25/2001
Molybdenum	EPA 200.8	Metals	NELAP	5/27/2003
Molybdenum	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Nickel	EPA 200.8	Metals	NELAP	5/27/2003
Nickel	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Potassium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2009

Expiration Date: 6/30/2010



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Matrix: **Non-Potable Water**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Selenium	EPA 200.8	Metals	NELAP	5/27/2003
Selenium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Silver	EPA 200.8	Metals	NELAP	5/27/2003
Silver	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Sodium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Strontium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Thallium	EPA 200.8	Metals	NELAP	5/27/2003
Thallium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Tin	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Titanium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Uranium	EPA 200.8	Metals	NELAP	5/27/2003
Vanadium	EPA 200.8	Metals	NELAP	5/27/2003
Vanadium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Zinc	EPA 200.8	Metals	NELAP	5/27/2003
Zinc	FGS-054/ICP-MS	Metals	NELAP	4/10/2008



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Matrix: **Solid and Chemical Materials**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Antimony	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Arsenic	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Barium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Beryllium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Boron	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Cadmium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Chromium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Cobalt	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Copper	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Iron	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Lead	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Magnesium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Manganese	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Mercury	FGS-069/CVAFS	Metals	NELAP	4/10/2008
Methyl mercury	FGS-070/CV-GC-AFS	Metals	NELAP	4/10/2008
Methyl mercury	SOP FGS-070.1	Metals	NELAP	1/25/2001
Molybdenum	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Nickel	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Selenium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Silver	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Thallium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Tin	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Vanadium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Zinc	FGS-054/ICP-MS	Metals	NELAP	4/10/2008



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Matrix: **Biological Tissue**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Antimony	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Arsenic	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Barium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Beryllium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Boron	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Cadmium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Chromium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Cobalt	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Copper	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Iron	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Lead	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Magnesium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Manganese	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Mercury	FGS-069/CVAFS	Metals	NELAP	4/10/2008
Methyl mercury	FGS-070/CV-GC-AFS	Metals	NELAP	4/10/2008
Molybdenum	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Nickel	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Selenium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Silver	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Thallium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Tin	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Vanadium	FGS-054/ICP-MS	Metals	NELAP	4/10/2008
Zinc	FGS-054/ICP-MS	Metals	NELAP	4/10/2008

Charlie Crist
Governor



Ana M. Viamonte Ros, M.D., M.P.H.
State Surgeon General

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**Frontier Geosciences, Inc.
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Matrix: **Air and Emissions**

Analyte	Method/Tech	Category	Certification Type	Effective Date
Mercury	FGS-136/CVAFS	Metals	NELAP	4/10/2008

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