



**STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Is hereby granting a Louisiana Environmental Laboratory Accreditation to



**Frontier Global Sciences, Inc.
414 Pontius Avenue North
Seattle, Washington 98109-5461**

Agency Interest No. 83654

According to the Louisiana Administrative Code, Title 33, Part I, Subpart 3, LABORATORY ACCREDITATION, the State of Louisiana formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed in the attachment.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part I, Subpart 3 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part I. Please contact the Department of Environmental Quality, Louisiana Environmental Laboratory Accreditation Program (LELAP) to verify the laboratory's scope of accreditation and accreditation status.

Accreditation by the State of Louisiana is not an endorsement or a guarantee of validity of the data generated by the laboratory. To be accredited initially and maintain accreditation, the laboratory agrees to participate in two single-blind, single-concentration PT studies, where available, per year for each field of testing for which it seeks accreditation or maintains accreditation as required in LAC 33:I.4711.

Lourdes Iturralde, Administrator
Notifications and Accreditations Section
Public Participation and Permit Support Services Division

Certificate Number: 03073

**Expiration Date: June 30, 2012
Issued On: July 1, 2011**



STATE OF LOUISIANA
 DEPARTMENT OF ENVIRONMENTAL QUALITY
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414 Pontius Avenue North, Seattle, Washington 98109-5461

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Air Emissions

Analyte	Method Name	Method Code	Type	AB
1095 - Mercury	FGS-136/CVAFS	2772	NELAP	LA

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1000 - Aluminum	FGS-054/ICP-MS	2769	NELAP	LA
1005 - Antimony	FGS-054/ICP-MS	2769	NELAP	LA
1010 - Arsenic	FGS-054/ICP-MS	2769	NELAP	LA
1015 - Barium	FGS-054/ICP-MS	2769	NELAP	LA
1020 - Beryllium	FGS-054/ICP-MS	2769	NELAP	LA
1025 - Boron	FGS-054/ICP-MS	2769	NELAP	LA
1030 - Cadmium	FGS-054/ICP-MS	2769	NELAP	LA
1035 - Calcium	FGS-054/ICP-MS	2769	NELAP	LA
1040 - Chromium	FGS-054/ICP-MS	2769	NELAP	LA
1050 - Cobalt	FGS-054/ICP-MS	2769	NELAP	LA
1055 - Copper	FGS-054/ICP-MS	2769	NELAP	LA
1070 - Iron	FGS-054/ICP-MS	2769	NELAP	LA
1075 - Lead	FGS-054/ICP-MS	2769	NELAP	LA
1085 - Magnesium	FGS-054/ICP-MS	2769	NELAP	LA
1090 - Manganese	FGS-054/ICP-MS	2769	NELAP	LA
1100 - Molybdenum	FGS-054/ICP-MS	2769	NELAP	LA
1105 - Nickel	FGS-054/ICP-MS	2769	NELAP	LA
1125 - Potassium	FGS-054/ICP-MS	2769	NELAP	LA
1140 - Selenium	FGS-054/ICP-MS	2769	NELAP	LA
1150 - Silver	FGS-054/ICP-MS	2769	NELAP	LA
1155 - Sodium	FGS-054/ICP-MS	2769	NELAP	LA
1160 - Strontium	FGS-054/ICP-MS	2769	NELAP	LA
1165 - Thallium	FGS-054/ICP-MS	2769	NELAP	LA
1175 - Tin	FGS-054/ICP-MS	2769	NELAP	LA
1180 - Titanium	FGS-054/ICP-MS	2769	NELAP	LA
1185 - Vanadium	FGS-054/ICP-MS	2769	NELAP	LA
1190 - Zinc	FGS-054/ICP-MS	2769	NELAP	LA
1095 - Mercury	FGS-069/CVAFS	2770	NELAP	LA
1205 - Methyl Mercury	FGS-070/CV-GC-AFS	2771	NELAP	LA
1000 - Aluminum	EPA 200.8	10014401	NELAP	LA
1005 - Antimony	EPA 200.8	10014401	NELAP	LA
1010 - Arsenic	EPA 200.8	10014401	NELAP	LA
1015 - Barium	EPA 200.8	10014401	NELAP	LA
1020 - Beryllium	EPA 200.8	10014401	NELAP	LA
1030 - Cadmium	EPA 200.8	10014401	NELAP	LA
1040 - Chromium	EPA 200.8	10014401	NELAP	LA
1050 - Cobalt	EPA 200.8	10014401	NELAP	LA
1055 - Copper	EPA 200.8	10014401	NELAP	LA
1075 - Lead	EPA 200.8	10014401	NELAP	LA
1090 - Manganese	EPA 200.8	10014401	NELAP	LA
1100 - Molybdenum	EPA 200.8	10014401	NELAP	LA
1105 - Nickel	EPA 200.8	10014401	NELAP	LA
1140 - Selenium	EPA 200.8	10014401	NELAP	LA

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Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1150 - Silver	EPA 200.8	10014401	NELAP	LA
1165 - Thallium	EPA 200.8	10014401	NELAP	LA
1185 - Vanadium	EPA 200.8	10014401	NELAP	LA
1190 - Zinc	EPA 200.8	10014401	NELAP	LA
1000 - Aluminum	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1005 - Antimony	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1010 - Arsenic	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1015 - Barium	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1020 - Beryllium	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1025 - Boron	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1030 - Cadmium	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1040 - Chromium	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1050 - Cobalt	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1055 - Copper	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1070 - Iron	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1075 - Lead	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1085 - Magnesium	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1090 - Manganese	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1100 - Molybdenum	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1105 - Nickel	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1125 - Potassium	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1140 - Selenium	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1150 - Silver	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1155 - Sodium	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1160 - Strontium	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1165 - Thallium	EPA 200.8, Rev.5.5	10014809	NELAP	LA
1010 - Arsenic	EPA 1632	10123203	NELAP	LA
1000 - Aluminum	EPA 1638	10124002	NELAP	LA
1005 - Antimony	EPA 1638	10124002	NELAP	LA
1010 - Arsenic	EPA 1638	10124002	NELAP	LA
1015 - Barium	EPA 1638	10124002	NELAP	LA
1020 - Beryllium	EPA 1638	10124002	NELAP	LA
1025 - Boron	EPA 1638	10124002	NELAP	LA
1030 - Cadmium	EPA 1638	10124002	NELAP	LA
1035 - Calcium	EPA 1638	10124002	NELAP	LA
1040 - Chromium	EPA 1638	10124002	NELAP	LA
1050 - Cobalt	EPA 1638	10124002	NELAP	LA
1055 - Copper	EPA 1638	10124002	NELAP	LA
1070 - Iron	EPA 1638	10124002	NELAP	LA
1075 - Lead	EPA 1638	10124002	NELAP	LA
1085 - Magnesium	EPA 1638	10124002	NELAP	LA
1090 - Manganese	EPA 1638	10124002	NELAP	LA
1100 - Molybdenum	EPA 1638	10124002	NELAP	LA
1105 - Nickel	EPA 1638	10124002	NELAP	LA
1125 - Potassium	EPA 1638	10124002	NELAP	LA
1140 - Selenium	EPA 1638	10124002	NELAP	LA
1150 - Silver	EPA 1638	10124002	NELAP	LA
1155 - Sodium	EPA 1638	10124002	NELAP	LA
1160 - Strontium	EPA 1638	10124002	NELAP	LA
1165 - Thallium	EPA 1638	10124002	NELAP	LA
1175 - Tin	EPA 1638	10124002	NELAP	LA
1180 - Titanium	EPA 1638	10124002	NELAP	LA
1185 - Vanadium	EPA 1638	10124002	NELAP	LA
1190 - Zinc	EPA 1638	10124002	NELAP	LA
1010 - Arsenic	EPA 1640	10124400	NELAP	LA
1030 - Cadmium	EPA 1640	10124400	NELAP	LA

Non Potable Water

Analyte	Method Name	Method Code	Type	AB
1040 - Chromium	EPA 1640	10124400	NELAP	LA
1055 - Copper	EPA 1640	10124400	NELAP	LA
1075 - Lead	EPA 1640	10124400	NELAP	LA
1105 - Nickel	EPA 1640	10124400	NELAP	LA
1150 - Silver	EPA 1640	10124400	NELAP	LA
1190 - Zinc	EPA 1640	10124400	NELAP	LA
1095 - Mercury	EPA 1631E	10237204	NELAP	LA
1045 - Chromium VI	SM 3500-Cr D, 18th ED	20009001	NELAP	LA
1045 - Chromium VI	SM 3500-Cr D, 19th ED	20067009	NELAP	LA

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1015 - Barium	FGS-054/ICP-MS	2769	NELAP	LA
1020 - Beryllium	FGS-054/ICP-MS	2769	NELAP	LA
1025 - Boron	FGS-054/ICP-MS	2769	NELAP	LA
1030 - Cadmium	FGS-054/ICP-MS	2769	NELAP	LA
1035 - Calcium	FGS-054/ICP-MS	2769	NELAP	LA
1040 - Chromium	FGS-054/ICP-MS	2769	NELAP	LA
1050 - Cobalt	FGS-054/ICP-MS	2769	NELAP	LA
1055 - Copper	FGS-054/ICP-MS	2769	NELAP	LA
1070 - Iron	FGS-054/ICP-MS	2769	NELAP	LA
1075 - Lead	FGS-054/ICP-MS	2769	NELAP	LA
1085 - Magnesium	FGS-054/ICP-MS	2769	NELAP	LA
1090 - Manganese	FGS-054/ICP-MS	2769	NELAP	LA
1100 - Molybdenum	FGS-054/ICP-MS	2769	NELAP	LA
1105 - Nickel	FGS-054/ICP-MS	2769	NELAP	LA
1125 - Potassium	FGS-054/ICP-MS	2769	NELAP	LA
1140 - Selenium	FGS-054/ICP-MS	2769	NELAP	LA
1150 - Silver	FGS-054/ICP-MS	2769	NELAP	LA
1155 - Sodium	FGS-054/ICP-MS	2769	NELAP	LA
1160 - Strontium	FGS-054/ICP-MS	2769	NELAP	LA
1165 - Thallium	FGS-054/ICP-MS	2769	NELAP	LA
1175 - Tin	FGS-054/ICP-MS	2769	NELAP	LA
1180 - Titanium	FGS-054/ICP-MS	2769	NELAP	LA
1185 - Vanadium	FGS-054/ICP-MS	2769	NELAP	LA
1190 - Zinc	FGS-054/ICP-MS	2769	NELAP	LA
1095 - Mercury	FGS-069/CVAFS	2770	NELAP	LA
1205 - Methyl Mercury	FGS-070/CV-GC-AFS	2771	NELAP	LA
1095 - Mercury	EPA 1631B	10122802	NELAP	LA
1005 - Antimony	EPA 1638	10124002	NELAP	LA
1010 - Arsenic	EPA 1638	10124002	NELAP	LA
1015 - Barium	EPA 1638	10124002	NELAP	LA
1020 - Beryllium	EPA 1638	10124002	NELAP	LA
1025 - Boron	EPA 1638	10124002	NELAP	LA
1030 - Cadmium	EPA 1638	10124002	NELAP	LA
1035 - Calcium	EPA 1638	10124002	NELAP	LA
1040 - Chromium	EPA 1638	10124002	NELAP	LA
1050 - Cobalt	EPA 1638	10124002	NELAP	LA
1055 - Copper	EPA 1638	10124002	NELAP	LA
1070 - Iron	EPA 1638	10124002	NELAP	LA
1075 - Lead	EPA 1638	10124002	NELAP	LA
1085 - Magnesium	EPA 1638	10124002	NELAP	LA
1090 - Manganese	EPA 1638	10124002	NELAP	LA
1100 - Molybdenum	EPA 1638	10124002	NELAP	LA

Solid Chemical Materials

Analyte	Method Name	Method Code	Type	AB
1105 - Nickel	EPA 1638	10124002	NELAP	LA
1125 - Potassium	EPA 1638	10124002	NELAP	LA
1140 - Selenium	EPA 1638	10124002	NELAP	LA
1150 - Silver	EPA 1638	10124002	NELAP	LA
1155 - Sodium	EPA 1638	10124002	NELAP	LA
1160 - Strontium	EPA 1638	10124002	NELAP	LA
1165 - Thallium	EPA 1638	10124002	NELAP	LA
1175 - Tin	EPA 1638	10124002	NELAP	LA
1180 - Titanium	EPA 1638	10124002	NELAP	LA
1185 - Vanadium	EPA 1638	10124002	NELAP	LA
1190 - Zinc	EPA 1638	10124002	NELAP	LA

Biological Tissue

Analyte	Method Name	Method Code	Type	AB
1005 - Antimony	FGS-054/ICP-MS	2769	NELAP	LA
1010 - Arsenic	FGS-054/ICP-MS	2769	NELAP	LA
1015 - Barium	FGS-054/ICP-MS	2769	NELAP	LA
1020 - Beryllium	FGS-054/ICP-MS	2769	NELAP	LA
1025 - Boron	FGS-054/ICP-MS	2769	NELAP	LA
1030 - Cadmium	FGS-054/ICP-MS	2769	NELAP	LA
1035 - Calcium	FGS-054/ICP-MS	2769	NELAP	LA
1040 - Chromium	FGS-054/ICP-MS	2769	NELAP	LA
1050 - Cobalt	FGS-054/ICP-MS	2769	NELAP	LA
1055 - Copper	FGS-054/ICP-MS	2769	NELAP	LA
1070 - Iron	FGS-054/ICP-MS	2769	NELAP	LA
1075 - Lead	FGS-054/ICP-MS	2769	NELAP	LA
1085 - Magnesium	FGS-054/ICP-MS	2769	NELAP	LA
1090 - Manganese	FGS-054/ICP-MS	2769	NELAP	LA
1100 - Molybdenum	FGS-054/ICP-MS	2769	NELAP	LA
1105 - Nickel	FGS-054/ICP-MS	2769	NELAP	LA
1125 - Potassium	FGS-054/ICP-MS	2769	NELAP	LA
1140 - Selenium	FGS-054/ICP-MS	2769	NELAP	LA
1150 - Silver	FGS-054/ICP-MS	2769	NELAP	LA
1155 - Sodium	FGS-054/ICP-MS	2769	NELAP	LA
1160 - Strontium	FGS-054/ICP-MS	2769	NELAP	LA
1165 - Thallium	FGS-054/ICP-MS	2769	NELAP	LA
1175 - Tin	FGS-054/ICP-MS	2769	NELAP	LA
1180 - Titanium	FGS-054/ICP-MS	2769	NELAP	LA
1185 - Vanadium	FGS-054/ICP-MS	2769	NELAP	LA
1190 - Zinc	FGS-054/ICP-MS	2769	NELAP	LA
1095 - Mercury	FGS-069/CVAFS	2770	NELAP	LA
1205 - Methyl Mercury	FGS-070/CV-GC-AFS	2771	NELAP	LA
1095 - Mercury	EPA 1631B	10123009	NELAP	LA
1010 - Arsenic	EPA 1632	10123203	NELAP	LA
1005 - Antimony	EPA 1638	10124002	NELAP	LA
1010 - Arsenic	EPA 1638	10124002	NELAP	LA
1015 - Barium	EPA 1638	10124002	NELAP	LA
1020 - Beryllium	EPA 1638	10124002	NELAP	LA
1025 - Boron	EPA 1638	10124002	NELAP	LA
1030 - Cadmium	EPA 1638	10124002	NELAP	LA
1040 - Chromium	EPA 1638	10124002	NELAP	LA
1050 - Cobalt	EPA 1638	10124002	NELAP	LA
1055 - Copper	EPA 1638	10124002	NELAP	LA
1075 - Lead	EPA 1638	10124002	NELAP	LA

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Biological Tissue

Analyte	Method Name	Method Code	Type	AB
1090 - Manganese	EPA 1638	10124002	NELAP	LA
1100 - Molybdenum	EPA 1638	10124002	NELAP	LA
1105 - Nickel	EPA 1638	10124002	NELAP	LA
1140 - Selenium	EPA 1638	10124002	NELAP	LA
1150 - Silver	EPA 1638	10124002	NELAP	LA
1165 - Thallium	EPA 1638	10124002	NELAP	LA
1185 - Vanadium	EPA 1638	10124002	NELAP	LA
1190 - Zinc	EPA 1638	10124002	NELAP	LA