



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Office of Quality Assurance

401 East State Street
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CHRIS CHRISTIE
Governor

BOB MARTIN
Commissioner

KIM GUADAGNO
Lt. Governor

July 25, 2011

Jennifer Feller
First Analytical Laboratories
PO Box 110372
Research Triangle Park, NC 27709

Dear Ms. Feller:

Re: Accreditation Status Modification Request
Laboratory Certification ID# NC007

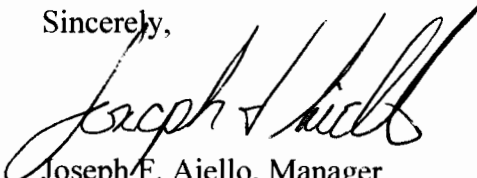
Based on your request for certification for the parameter(s) listed below and a review of your supporting documentation, enclosed is an updated annual certified parameter list (ACPL). This will replace the current ACPL your laboratory holds. Please review it carefully and notify this office immediately if any discrepancies are noted.

<u>Parameter Code</u>	<u>Parameter</u>	<u>Method</u>	<u>Status</u>
CAP01.00041	Bromine	EPA 26 & EPA 26A	Certified
CAP01.00042	Chlorine	EPA 26 & EPA 26A	Certified
CAP01.00105	Particulate Matter	EPA 5	Certified
CAP01.00110	Particulate Matter	EPA 5A	Certified
CAP01.00150	Particulate Matter	EPA 202	Certified
CAP02.00020	Antimony	EPA 29	Certified
CAP02.00040	Arsenic	EPA 29	Certified
CAP02.00070	Barium	EPA 29	Certified
CAP02.00090	Beryllium	EPA 29	Certified
CAP02.00115	Cadmium	EPA 29	Certified
CAP02.00135	Chromium	EPA 29	Certified
CAP02.00165	Cobalt	EPA 29	Certified
CAP02.00185	Copper	EPA 29	Certified
CAP02.00205	Lead	EPA 29	Certified
CAP02.00225	Manganese	EPA 29	Certified
CAP02.00260	Nickel	EPA 29	Certified
CAP02.00280	Selenium	EPA 29	Certified

<u>Parameter Code</u>	<u>Parameter</u>	<u>Method</u>	<u>Status</u>
CAP02.00300	Silver	EPA 29	Certified
CAP02.00320	Thallium	EPA 29	Certified
CAP02.00340	Zinc	EPA 29	Certified

If this office can be of any further assistance, please call Bernie Wilk or me at (609) 292-3950.

Sincerely,



Joseph F. Aiello, Manager

Enclosure

New Jersey Department of Environmental Protection
National Environmental Laboratory Accreditation Program
ANNUAL CERTIFIED PARAMETER LIST AND CURRENT STATUS
Effective as of 07/20/2011 until 06/30/2012



Laboratory Name: **FIRST ANALYTICAL LABORATORIES** Laboratory Number: **NC007** Activity ID: **NLC110002**
7517 PRECISION DR
STE 101
RALEIGH, NC 27617

Category: CAP01 -- Atmos. Inorg. Parameters, Non-Metals

Eligible to Report		Status		NJ Data		State		Code		Matrix		Technique Description		Approved Method		Parameter Description	
Certified	Yes	LA	LA	CAP01.00041	AE	AE	AE	Ion Chromatography	[EPA 26]	[EPA 26A]	Bromine						
Certified	Yes	LA	LA	CAP01.00042	AE	AE	AE	Ion Chromatography	[EPA 26]	[EPA 26A]	Chlorine						
Certified	Yes	LA	LA	CAP01.00044	AE	AE	AE	Ion Chromatography	[EPA 26]	[EPA 26A]	Hydrogen bromide						
Certified	Yes	LA	LA	CAP01.00046	AE	AE	AE	Ion Chromatography	[EPA 26]	[EPA 26A]	Hydrogen chloride						
Certified	Yes	LA	LA	CAP01.00048	AE	AE	AE	Ion Chromatography	[EPA 26]	[EPA 26A]	Hydrogen fluoride						
Certified	Yes	LA	LA	CAP01.00105	AE	AE	AE	Gravimetric	[EPA 5]	Particulate Matter							
Certified	Yes	LA	LA	CAP01.00110	AE	AE	AE	Gravimetric	[EPA 5A]	Particulate Matter							
Certified	Yes	LA	LA	CAP01.00150	AE	AE	AE	Gravimetric	[EPA 202]	Particulate Matter							
Certified	Yes	LA	LA	CAP01.00165	AE	AE	AE	ICP	[EPA 29]	Phosphorus							

Category: CAP02 -- Atmospheric Inorganic Parameters, Metals

Eligible to Report		Status		NJ Data		State		Code		Matrix		Technique Description		Approved Method		Parameter Description	
Certified	Yes	LA	LA	CAP02.00010	AE	AE	AE	Graphite Furnace	[EPA 29]	Antimony							
Certified	Yes	LA	LA	CAP02.00015	AE	AE	AE	ICP	[EPA 29]	Antimony							
Certified	Yes	LA	LA	CAP02.00020	AE	AE	AE	ICP/MS	[EPA 29]	Antimony							
Certified	Yes	LA	LA	CAP02.00030	AE	AE	AE	Graphite Furnace	[EPA 29]	Arsenic							
Certified	Yes	LA	LA	CAP02.00035	AE	AE	AE	ICP	[EPA 29]	Arsenic							
Certified	Yes	LA	LA	CAP02.00040	AE	AE	AE	ICP/MS	[EPA 29]	Arsenic							
Certified	Yes	LA	LA	CAP02.00065	AE	AE	AE	ICP	[EPA 29]	Barium							
Certified	Yes	LA	LA	CAP02.00070	AE	AE	AE	ICP/MS	[EPA 29]	Barium							
Certified	Yes	LA	LA	CAP02.00080	AE	AE	AE	Graphite Furnace	[EPA 29]	Beryllium							
Certified	Yes	LA	LA	CAP02.00085	AE	AE	AE	ICP	[EPA 29]	Beryllium							
Certified	Yes	LA	LA	CAP02.00090	AE	AE	AE	ICP/MS	[EPA 29]	Beryllium							
Certified	Yes	LA	LA	CAP02.00105	AE	AE	AE	Graphite Furnace	[EPA 29]	Cadmium							
Certified	Yes	LA	LA	CAP02.00110	AE	AE	AE	ICP	[EPA 29]	Cadmium							
Certified	Yes	LA	LA	CAP02.00115	AE	AE	AE	ICP/MS	[EPA 29]	Cadmium							
Certified	Yes	LA	LA	CAP02.00125	AE	AE	AE	Graphite Furnace	[EPA 29]	Chromium							
Certified	Yes	LA	LA	CAP02.00130	AE	AE	AE	ICP	[EPA 29]	Chromium							
Certified	Yes	LA	LA	CAP02.00135	AE	AE	AE	ICP/MS	[EPA 29]	Chromium							

KEY: AE = Air and Emissions, BT = Biological Tissues, DW = Drinking Water, NPW = Non-Potable Water, SCM = Solid and Chemical Materials

New Jersey Department of Environmental Protection
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Laboratory Name: **FIRST ANALYTICAL LABORATORIES** Laboratory Number: **NC007** Activity ID: **NLC110002**
7517 PRECISION DR
STE 101
RALEIGH, NC 27617

Category: **CAP02 -- Atmospheric Inorganic Parameters, Metals**

Status	Eligible to Report		Code	Matrix	Technique Description	Approved Method	Parameter Description
	NJ Data	State					
Certified	Yes	LA	CAP02.00155	AE	Graphite Furnace	[EPA 29]	Cobalt
Certified	Yes	LA	CAP02.00160	AE	ICP	[EPA 29]	Cobalt
Certified	Yes	LA	CAP02.00165	AE	ICP/MS	[EPA 29]	Cobalt
Certified	Yes	LA	CAP02.00175	AE	Graphite Furnace	[EPA 29]	Copper
Certified	Yes	LA	CAP02.00180	AE	ICP	[EPA 29]	Copper
Certified	Yes	LA	CAP02.00185	AE	ICP/MS	[EPA 29]	Copper
Certified	Yes	LA	CAP02.00195	AE	Graphite Furnace	[EPA 29]	Lead
Certified	Yes	LA	CAP02.00200	AE	ICP	[EPA 29]	Lead
Certified	Yes	LA	CAP02.00205	AE	ICP/MS	[EPA 29]	Lead
Certified	Yes	LA	CAP02.00215	AE	Graphite Furnace	[EPA 29]	Manganese
Certified	Yes	LA	CAP02.00220	AE	ICP	[EPA 29]	Manganese
Certified	Yes	LA	CAP02.00225	AE	ICP/MS	[EPA 29]	Manganese
Certified	Yes	LA	CAP02.00230	AE	AA, Cold Vapor	[EPA 29]	Mercury
Certified	Yes	LA	CAP02.00250	AE	Graphite Furnace	[EPA 29]	Nickel
Certified	Yes	LA	CAP02.00255	AE	ICP	[EPA 29]	Nickel
Certified	Yes	LA	CAP02.00260	AE	ICP/MS	[EPA 29]	Nickel
Certified	Yes	LA	CAP02.00270	AE	Graphite Furnace	[EPA 29]	Selenium
Certified	Yes	LA	CAP02.00275	AE	ICP	[EPA 29]	Selenium
Certified	Yes	LA	CAP02.00280	AE	ICP/MS	[EPA 29]	Selenium
Certified	Yes	LA	CAP02.00290	AE	Graphite Furnace	[EPA 29]	Silver
Certified	Yes	LA	CAP02.00295	AE	ICP	[EPA 29]	Silver
Certified	Yes	LA	CAP02.00300	AE	ICP/MS	[EPA 29]	Silver
Certified	Yes	LA	CAP02.00315	AE	ICP	[EPA 29]	Thallium
Certified	Yes	LA	CAP02.00320	AE	ICP/MS	[EPA 29]	Thallium
Certified	Yes	LA	CAP02.00335	AE	ICP	[EPA 29]	Zinc

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Category: CAP02 -- Atmospheric Inorganic Parameters, Metals

Status	Eligible to Report		State	Code	Matrix	Technique Description	Approved Method	Parameter Description
	NJ Data	Yes						
Certified	Yes	Yes	LA	CAP02.00340	AE	ICP/MS	[EPA 29]	Zinc


 Joseph F. Aiello, Chief

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