



State of New Jersey
Department of Environmental Protection

Certifies That

R.I. Analytical Laboratories Inc.

Laboratory Certification ID # RI0005

having duly met the requirements of the
Regulations Governing The Certification Of
Laboratories And Environmental Measurements N.J.A.C. 7:18 et. seq.

having been found compliant with the standard approved by the
National Environmental Laboratory Accreditation Conference

is hereby approved as a
Nationally Accredited Environmental Laboratory
to perform the analyses as indicated on the Annual Certified Parameter List
which must accompany this certificate to be valid

Expiration Date June 30, 2009



NJDEP is a NELAP Recognized Accrediting Authority


Joseph F. Aiello, Chief
Office of Quality Assurance

New Jersey Department of Environmental Protection
National Environmental Laboratory Accreditation Program
ANNUAL CERTIFIED PARAMETER LIST AND CURRENT STATUS
Effective as of 04/08/2009 until 06/30/2009



Laboratory Name: **R.I. ANALYTICAL LABORATORIES INC** Laboratory Number: **RI005** Activity ID: **NLC080001**
4111LLINOIS AVE
WARWICK, RI 02888

Category: SHW04 -- Inorganic Parameters

Eligible to Report		NJ Data		State		Code		Matrix		Technique Description		Approved Method		Parameter Description	
Status	Yes	NJ Data	Yes	State	NY	Code	SHW04.01000	Matrix	NPW	Technique Description	Approved Method	Parameter Description	Metals, Total Rec and Dissolved		
Certified	Yes	NY	NY	SHW04.01500	NPW	Acid Digestion/Surface and Groundwater, ICP, FLAA	[SW-846 3005A]	Metals, Total							
Certified	Yes	NY	NY	SHW04.02000	NPW	Acid Digestion/Aqueous Samples, ICP, FLAA	[SW-846 3020A]	Metals							
Certified	Yes	NY	NY	SHW04.08000	NPW	Acid Digestion For GF/AA, Aqueous	[SW-846 7041]	Antimony							
Certified	Yes	NY	NY	SHW04.15100	NPW	AA, Graphite Furnace	[SW-846 6010B]	Boron							
Certified	Yes	NY	NY	SHW04.17000	NPW	ICP	[SW-846 7131A]	Cadmium							
Certified	Yes	NY	NY	SHW04.20000	NPW	AA, Graphite Furnace	[SW-846 7191]	Chromium							
Certified	Yes	NY	NY	SHW04.25500	NPW	AA, Graphite Furnace	[SW-846 7211]	Chromium							
Certified	Yes	NY	NY	SHW04.29000	NPW	AA, Graphite Furnace	[SW-846 7421]	Copper							
Certified	Yes	NY	NY	SHW04.33000	NPW	AA, Manual Cold Vapor	[SW-846 7470A]	Lead							
Certified	Yes	NY	NY	SHW04.39000	NPW	ICP	[SW-846 6010B]	Mercury - liquid waste							
Certified	Yes	NY	NY	SHW04.39500	NPW	AA, Graphite Furnace	[SW-846 7740]	Selenium							
Certified	Yes	NY	NY	SHW04.42500	NPW	AA, Graphite Furnace	[SW-846 7761]	Selenium							
Certified	Yes	NY	NY	SHW04.47145	NPW	ICP	[SW-846 6010B]	Silver							
Certified	Yes	NY	NY		NPW	ICP	[SW-846 6010B]	Titanium							

Category: SHW06 -- Organic Parameters, Chromatography

Eligible to Report		NJ Data		State		Code		Matrix		Technique Description		Approved Method		Parameter Description	
Status	Yes	NJ Data	Yes	State	NY	Code	SHW06.12010	Matrix	NPW	Technique Description	Approved Method	Parameter Description			
Certified	Yes	NY	NY	SHW06.12020	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	Aldrin							
Certified	Yes	NY	NY	SHW06.12030	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	Alpha BHC							
Certified	Yes	NY	NY	SHW06.12040	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	Beta BHC							
Certified	Yes	NY	NY	SHW06.12050	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	Delta BHC							
Certified	Yes	NY	NY	SHW06.12060	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	Lindane (gamma BHC)							
Certified	Yes	NY	NY	SHW06.12090	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	Chlordane (technical)							
Certified	Yes	NY	NY	SHW06.12100	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	DDD (4,4'-)							
Certified	Yes	NY	NY	SHW06.12110	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	DDE (4,4'-)							
Certified	Yes	NY	NY	SHW06.12130	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	DDT (4,4'-)							
Certified	Yes	NY	NY	SHW06.12140	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	Endosulfan I							
Certified	Yes	NY	NY	SHW06.12150	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	Endosulfan II							
Certified	Yes	NY	NY		NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	Endosulfan sulfate							

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

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Laboratory Name: R.I. ANALYTICAL LABORATORIES INC
411LLINOIS AVE
WARWICK, RI 02888

Laboratory Number: RI005 **Activity ID: NLC080001**

Category: SHW06 -- Organic Parameters, Chromatography

Status	Eligible to Report	NJ Data	State	Code	Matrix	Technique Description	Approved Method	Parameter Description
Certified	Yes		NY	SHW06.12160	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	Endrin
Certified	Yes		NY	SHW06.12170	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	Endrin aldehyde
Certified	Yes		NY	SHW06.12190	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	Heptachlor
Certified	Yes		NY	SHW06.12200	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	Heptachlor epoxide
Certified	Yes		NY	SHW06.12220	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8081A]	Toxaphene
Certified	Yes		NY	SHW06.13110	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8082]	PCB 1016
Certified	Yes		NY	SHW06.13120	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8082]	PCB 1221
Certified	Yes		NY	SHW06.13130	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8082]	PCB 1232
Certified	Yes		NY	SHW06.13140	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8082]	PCB 1242
Certified	Yes		NY	SHW06.13150	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8082]	PCB 1248
Certified	Yes		NY	SHW06.13160	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8082]	PCB 1254
Certified	Yes		NY	SHW06.13170	NPW	GC, Extraction, ECD or HECD, Capillary	[SW-846 8082]	PCB 1260
Certified	Yes		NY	SHW06.23020	NPW	GC, Extraction, ECD, Capillary	[SW-846 8151A]	Dicamba
Certified	Yes		NY	SHW06.23040	NPW	GC, Extraction, ECD, Capillary	[SW-846 8151A]	D (2,4-)
Certified	Yes		NY	SHW06.23050	NPW	GC, Extraction, ECD, Capillary	[SW-846 8151A]	T (2,4,5-)
Certified	Yes		NY	SHW06.23060	NPW	GC, Extraction, ECD, Capillary	[SW-846 8151A]	TP (2,4,5-) (Silvex)

Category: SHW07 -- Organic Parameters, Chromatography/MIS

Status	Eligible to Report	NJ Data	State	Code	Matrix	Technique Description	Approved Method	Parameter Description
Certified	Yes		NY	SHW07.04500	NPW	GC/MS, P & T or Direct Injection, Capillary	[SW-846 8260B]	Hexachlorobutadiene (1,3-)
Certified	Yes		NY	SHW07.05005	NPW	GC/MS, Extract or Dir Inj, Capillary	[SW-846 8270C]	N-Nitrosodimethylamine
Certified	Yes		NY	SHW07.05038	NPW	GC/MS, Extract or Dir Inj, Capillary	[SW-846 8270C]	Benzidine
Certified	Yes		NY	SHW07.05040	NPW	GC/MS, Extract or Dir Inj, Capillary	[SW-846 8270C]	Dichlorobenzidine (3,3-)
Certified	Yes		NY	SHW07.05150	NPW	GC/MS, Extract or Dir Inj, Capillary	[SW-846 8270C]	Chlorophenyl-phenyl ether (4-)
Certified	Yes		NY	SHW07.05160	NPW	GC/MS, Extract or Dir Inj, Capillary	[SW-846 8270C]	Bromophenyl-phenyl ether (4-)
Certified	Yes		NY	SHW07.05340	NPW	GC/MS, Extract or Dir Inj, Capillary	[SW-846 8270C]	Benzo(k)fluoranthene
Certified	Yes		NY	SHW07.05691	NPW	GC/MS, Extract or Dir Inj, Capillary	[SW-846 8270C]	Dichlorobenzene (1,2-)
Certified	Yes		NY	SHW07.05692	NPW	GC/MS, Extract or Dir Inj, Capillary	[SW-846 8270C]	Dichlorobenzene (1,3-)
Certified	Yes		NY	SHW07.05700	NPW	GC/MS, Extract or Dir Inj, Capillary	[SW-846 8270C]	Dichlorobenzene (1,4-)

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411LLINOIS AVE
WARWICK, RI 02888

Category: **SHW07 -- Organic Parameters, Chromatography/MS**

Status	Eligible to Report	NJ Data	State	Code	Matrix	Technique Description	Approved Method	Parameter Description
Certified	Yes	Yes	NY	SHW07.05750	NPW	GC/MS, Extract or Dir Inj, Capillary	[SW-846 8270C]	Pyridine

Category: **WPP02 -- Inorg. Parameters, Nutrients and Demands**

Status	Eligible to Report	NJ Data	State	Code	Matrix	Technique Description	Approved Method	Parameter Description
Certified	Yes	Yes	NY	WPP02.01500	NPW	Electrometric or Color Titration	[SM 2320 B]	Alkalinity as CaCO3
Certified	Yes	Yes	NY	WPP02.03000	NPW	Distillation, Titration	[SM 4500-NH3 B+E (18th ed)]	Ammonia
Certified	Yes	Yes	NY	WPP02.05000	NPW	Dissolved Oxygen Depletion	[SM 5210 B]	Biochemical oxygen demand
Certified	Yes	Yes	NY	WPP02.06000	NPW	ICP	[EPA 200.7]	Boron
Certified	Yes	Yes	NY	WPP02.08000	NPW	Digestion, ICP	[EPA 200.7]	Calcium
Certified	Yes	Yes	NY	WPP02.10500	NPW	Spectrophotometric Manual/Auto	[SM 5220 D]	Chemical oxygen demand
Certified	Yes	Yes	NY	WPP02.11000	NPW	Titrimetric, Silver Nitrate	[SM 4500-Cl B]	Chloride
Certified	Yes	Yes	NY	WPP02.12600	NPW	Ion Chromatography	[EPA 300.0]	Chloride
Certified	Yes	Yes	NY	WPP02.15000	NPW	Distillation, Spectrophotometric (Manual)	[SM 4500-CN C, E]	Cyanide
Certified	Yes	Yes	NY	WPP02.17500	NPW	Distillation + Colorimetric(Spads)	[SM 4500-F B, D]	Fluoride
Certified	Yes	Yes	NY	WPP02.18100	NPW	Ion Chromatography	[EPA 300.0]	Fluoride
Certified	Yes	Yes	NY	WPP02.20100	NPW	Ca + Mg Carbonates, ICP	[EPA 200.7]	Hardness - total as CaCO3
Certified	Yes	Yes	NY	WPP02.24000	NPW	Digestion, ICP	[EPA 200.7]	Magnesium
Certified	Yes	Yes	NY	WPP02.26100	NPW	Ion Chromatography	[EPA 300.0]	Nitrate
Certified	Yes	Yes	NY	WPP02.26500	NPW	Cadmium Reduction, Manual	[SM 4500-NO3 E]	Nitrate - nitrite
Certified	Yes	Yes	NY	WPP02.28000	NPW	Spectrophotometric, Manual	[SM 4500-NO2 B]	Nitrite
Certified	Yes	Yes	NY	WPP02.28600	NPW	Ion Chromatography	[EPA 300.0]	Nitrite
Certified	Yes	Yes	NY	WPP02.29200	NPW	Gravimetric, Silica Gel Treated-Hem	[EPA 1664A]	Oil & grease - sgt-non polar
Certified	Yes	Yes	NY	WPP02.30000	NPW	Combustion or Oxidation	[SM 5310 B, C or D]	Total organic carbon (TOC)
Certified	Yes	Yes	NY	WPP02.31500	NPW	Ascorbic Acid, Manual Single Reagent	[SM 4500-P, E]	Orthophosphate
Certified	Yes	Yes	NY	WPP02.32500	NPW	Manual Distillation, Colorimetric 4AAP	[EPA 420.1]	Phenols
Certified	Yes	Yes	NY	WPP02.34000	NPW	Persulfate Digestion + Manual	[SM 4500-P B5 + E]	Phosphorus (total)
Certified	Yes	Yes	NY	WPP02.36500	NPW	Digestion, ICP	[EPA 200.7]	Potassium
Certified	Yes	Yes	NY	WPP02.38000	NPW	Gravimetric, 103-105 Degrees C	[SM 2540 B]	Residue - total
Certified	Yes	Yes	NY	WPP02.38500	NPW	Gravimetric, 180 Degrees C	[SM 2540 C]	Residue - filterable (TDS)

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Laboratory Number: RI005 Activity ID: NLC080001

Category: WPP02 -- Inorg. Parameters, Nutrients and Demands

Status	Eligible to Report	NJ Data	State	Code	Matrix	Technique Description	Approved Method	Parameter Description
Certified	Yes	NY	NY	WPP02.39000	NPW	Gravimetric, 103-105 Degrees C, Post Washing	[SM 2540 D]	Residue - nonfilterable (TSS)
Certified	Yes	NY	NY	WPP02.42500	NPW	0.45u Filtration + ICP	[EPA 200.7]	Silica - dissolved
Certified	Yes	NY	NY	WPP02.44000	NPW	Digestion, ICP	[EPA 200.7]	Sodium
Certified	Yes	NY	NY	WPP02.45600	NPW	Continuous	[EPA 120.11]	Specific conductance
Certified	Yes	NY	NY	WPP02.47100	NPW	Ion Chromatography	[EPA 300.0]	Sulfate
Certified	Yes	NY	NY	WPP02.47500	NPW	Titrimetric, Iodine	[SM 4500-S E (18th ed)]	Sulfides
Certified	Yes	NY	NY	WPP02.48500	NPW	Colorimetric (Methylene Blue)	[SM 5540 C]	Surfactants

Category: WPP03 -- Analyze-Immediately Inorganic Parameters

Status	Eligible to Report	NJ Data	State	Code	Matrix	Technique Description	Approved Method	Parameter Description
Certified	Yes	NY	NY	WPP03.09000	NPW	Electrometric	[SM 4500-H B]	pH

Category: WPP04 -- Inorganic Parameters, Metals

Status	Eligible to Report	NJ Data	State	Code	Matrix	Technique Description	Approved Method	Parameter Description
Certified	Yes	NY	NY	WPP04.02000	NPW	Digestion, ICP	[EPA 200.7]	Aluminum
Certified	Yes	NY	NY	WPP04.04100	NPW	Digestion, Platform Furnace	[EPA 200.9]	Antimony
Certified	Yes	NY	NY	WPP04.04500	NPW	Digestion, ICP	[EPA 200.7]	Antimony
Certified	Yes	NY	NY	WPP04.05600	NPW	Digestion, ICP	[EPA 200.7]	Arsenic
Certified	Yes	NY	NY	WPP04.08000	NPW	Digestion, ICP	[EPA 200.7]	Barium
Certified	Yes	NY	NY	WPP04.11000	NPW	Digestion, ICP	[EPA 200.7]	Beryllium
Certified	Yes	NY	NY	WPP04.12100	NPW	Digestion, Platform Furnace	[EPA 200.9]	Cadmium
Certified	Yes	NY	NY	WPP04.13500	NPW	Digestion, ICP	[EPA 200.7]	Cadmium
Certified	Yes	NY	NY	WPP04.15000	NPW	0.45u Filter, Colorimetric DPC	[SM 3500-Cr-D (18/19th ed)]	Chromium (VI)
Certified	Yes	NY	NY	WPP04.16600	NPW	Digestion, Platform Furnace	[EPA 200.9]	Chromium
Certified	Yes	NY	NY	WPP04.18000	NPW	Digestion, ICP	[EPA 200.7]	Chromium
Certified	Yes	NY	NY	WPP04.19500	NPW	Digestion, ICP	[EPA 200.7]	Cobalt
Certified	Yes	NY	NY	WPP04.21100	NPW	Digestion, Platform Furnace	[EPA 200.9]	Copper

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4111LINCOLN AVE
WARWICK, RI 02888



Category: **WPP04 -- Inorganic Parameters, Metals**

Status	Eligible to Report	NJ Data	State	Code	Matrix	Technique Description	Approved Method	Parameter Description
Certified	Yes	NY	NY	WPP04.21500	NPW	Digestion, ICP	[EPA 200.7]	Copper
Certified	Yes	NY	NY	WPP04.26500	NPW	Digestion, ICP	[EPA 200.7]	Iron
Certified	Yes	NY	NY	WPP04.27600	NPW	Digestion, Platform Furnace	[EPA 200.9]	Lead
Certified	Yes	NY	NY	WPP04.28000	NPW	Digestion, ICP	[EPA 200.7]	Lead
Certified	Yes	NY	NY	WPP04.31000	NPW	Digestion, ICP	[EPA 200.7]	Manganese
Certified	Yes	NY	NY	WPP04.33000	NPW	Manual Cold Vapor	[EPA 245.1]	Mercury
Certified	Yes	NY	NY	WPP04.35000	NPW	Digestion, ICP	[EPA 200.7]	Molybdenum
Certified	Yes	NY	NY	WPP04.37500	NPW	Digestion, ICP	[EPA 200.7]	Nickel
Certified	Yes	NY	NY	WPP04.45100	NPW	Digestion, Platform Furnace	[EPA 200.9]	Selenium
Certified	Yes	NY	NY	WPP04.45500	NPW	Digestion, ICP	[EPA 200.7]	Selenium
Certified	Yes	NY	NY	WPP04.47100	NPW	Digestion, Platform Furnace	[EPA 200.9]	Silver
Certified	Yes	NY	NY	WPP04.48000	NPW	Digestion, ICP	[EPA 200.7]	Silver
Certified	Yes	NY	NY	WPP04.49600	NPW	Digestion, Platform Furnace	[EPA 200.9]	Thallium
Certified	Yes	NY	NY	WPP04.50000	NPW	Digestion, ICP	[EPA 200.7]	Thallium
Certified	Yes	NY	NY	WPP04.51100	NPW	Digestion, ICP	[EPA 200.7]	Tin
Certified	Yes	NY	NY	WPP04.52050	NPW	Digestion, ICP	[EPA 200.7]	Titanium
Certified	Yes	NY	NY	WPP04.54000	NPW	Digestion, ICP	[EPA 200.7]	Vanadium
Certified	Yes	NY	NY	WPP04.56500	NPW	Digestion, ICP	[EPA 200.7]	Zinc

Category: **WPP05 -- Organic Parameters, Chromatography**

Status	Eligible to Report	NJ Data	State	Code	Matrix	Technique Description	Approved Method	Parameter Description
Certified	Yes	NY	NY	WPP05.09010	NPW	Extract/GC (ECD)	[EPA 608]	Aldrin
Certified	Yes	NY	NY	WPP05.09020	NPW	Extract/GC (ECD)	[EPA 608]	Alpha BHC
Certified	Yes	NY	NY	WPP05.09030	NPW	Extract/GC (ECD)	[EPA 608]	Beta BHC
Certified	Yes	NY	NY	WPP05.09040	NPW	Extract/GC (ECD)	[EPA 608]	Delta BHC
Certified	Yes	NY	NY	WPP05.09050	NPW	Extract/GC (ECD)	[EPA 608]	Lindane (gamma BHC)
Certified	Yes	NY	NY	WPP05.09060	NPW	Extract/GC (ECD)	[EPA 608]	Chlordane
Certified	Yes	NY	NY	WPP05.09070	NPW	Extract/GC (ECD)	[EPA 608]	DDD (4,4-)
Certified	Yes	NY	NY	WPP05.09080	NPW	Extract/GC (ECD)	[EPA 608]	DDE (4,4-)

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