

New Jersey Department of Environmental Protection  
National Environmental Laboratory Accreditation Program  
**ANNUAL CERTIFIED PARAMETER LIST AND CURRENT STATUS**  
Effective as of 07/01/2011 until 06/30/2012



**Laboratory Name:** MICROBAC NEW YORK - CORTLAND OFFICE **Laboratory Number:** NY020 **Activity ID:** NLC110001  
3821 BUCK DR  
CORTLAND, NY 13045

**Category: SDW01 -- Microbiological Parameters**

Status	Eligible to Report NJ Data	State	Code	Matrix	Technique Description	Approved Method	Parameter Description
Certified	Yes	NY	SDW01.02000	DW	Membrane Filter (MF) Technique (P-A)	[SM 9222B + 9221B3a3 + MUG (9222G)]	Total coliform / Fecal coli or E. coli
Certified	Yes	NY	SDW01.05016	DW	Membrane Filter, Enumeration	[SM 9222B/9222G (mEndo/LES-Endo-NA+MUG)]	Total coliform / E. coli
Certified	Yes	NY	SDW01.14000	DW	Pour Plate	[SM 9215 B]	Heterotrophic bacteria

**Category: SDW02 -- Inorganic Parameters Including Na + Ca**

Status	Eligible to Report NJ Data	State	Code	Matrix	Technique Description	Approved Method	Parameter Description
Certified	Yes	NY	SDW02.01000	DW	Nephelometric	[SM 2130 B]	Turbidity
Certified	Yes	NY	SDW02.02000	DW	Automated Cadmium Reduction	[OTHER Lachat 10-107-04-1-C]	Nitrate
Certified	Yes	NY	SDW02.04000	DW	Ion Chromatography	[EPA 300.0]	Nitrate
Certified	Yes	NY	SDW02.08000	DW	Ion Chromatography	[EPA 300.0]	Nitrite
Certified	Yes	NY	SDW02.09000	DW	Spectrophotometric	[SM 4500-NO2 B]	Nitrite
Certified	Yes	NY	SDW02.14000	DW	Ion Chromatography	[EPA 300.0]	Fluoride
Applied	No	NY	SDW02.16010	DW	Micro Dist + Flow Injection	[OTHER Lachat QuikChem]	Cyanide
Dropped	No	NY	SDW02.17000	DW	Colorimetric (Automated)	[EPA 375.2]	Sulfate
Certified	Yes	NY	SDW02.18100	DW	Turbidity, Spectrophotometric	[SM 4500-SO4 E]	Sulfate
Certified	Yes	NY	SDW02.19000	DW	Ion Chromatography	[EPA 300.0]	Sulfate
Certified	Yes	NY	SDW02.24000	DW	Gravimetric At 180	[SM 2540 C]	Total dissolved solids (TDS)
Certified	Yes	NY	SDW02.27100	DW	Titrimetric, EDTA	[SM 3500-Ca D (18/19th ed)]	Calcium-hardness
Certified	Yes	NY	SDW02.28000	DW	Titrimetric Indicator	[SM 2320 B]	Alkalinity
Applied	No	NY	SDW02.30000	DW	Potentiometric	[SM 4500-Cl D]	Chloride
Certified	Yes	NY	SDW02.31000	DW	Ion Chromatography	[EPA 300.0]	Chloride
Certified	Yes	NY	SDW02.32000	DW	Platinum-Cobalt	[SM 2120 B]	Color
Certified	Yes	NY	SDW02.34000	DW	Consistent Series	[SM 2150 B]	Odor
Certified	Yes	NY	SDW02.37000	DW	Colorimetric	[SM 4500-P E]	Orthophosphate
Certified	Yes	NY	SDW02.39600	DW	High Temp. Combustion	[SM 5310 B]	Total organic carbon (TOC)

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

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**Category: SDW03 -- Analyze-Immediately Inorganic Parameter**

Status	Eligible to Report NJ Data	State	Code	Matrix	Technique Description	Approved Method	Parameter Description
Certified	Yes	NY	SDW03.08000	DW	Electrometric	[EPA 150.1]	pH
Certified	Yes	NY	SDW03.09000	DW	Thermometric	[SM 2550 B]	Temperature

**Category: SDW06 -- Organic Parameters, Chromatography/MS**

Status	Eligible to Report NJ Data	State	Code	Matrix	Technique Description	Approved Method	Parameter Description
Certified	Yes	NY	SDW06.01010	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Bromoform
Certified	Yes	NY	SDW06.01020	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Chloroform
Certified	Yes	NY	SDW06.01030	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dibromochloromethane
Certified	Yes	NY	SDW06.01040	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Bromodichloromethane
Certified	Yes	NY	SDW06.02010	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Benzene
Certified	Yes	NY	SDW06.02020	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Carbon tetrachloride
Certified	Yes	NY	SDW06.02030	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Chlorobenzene
Certified	Yes	NY	SDW06.02040	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dichlorobenzene (1,2-)
Certified	Yes	NY	SDW06.02050	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dichlorobenzene (1,3-)
Certified	Yes	NY	SDW06.02060	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dichlorobenzene (1,4-)
Certified	Yes	NY	SDW06.02070	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dichloroethane (1,1-)
Certified	Yes	NY	SDW06.02080	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dichloroethane (1,2-)
Certified	Yes	NY	SDW06.02090	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dichloroethene (cis-1,2-)
Certified	Yes	NY	SDW06.02100	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dichloroethene (trans-1,2-)
Certified	Yes	NY	SDW06.02110	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Methylene chloride (Dichloromethane)
Certified	Yes	NY	SDW06.02120	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dichloropropane (1,2-)
Certified	Yes	NY	SDW06.02130	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Ethylbenzene
Certified	Yes	NY	SDW06.02140	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Methyl tert-butyl ether
Certified	Yes	NY	SDW06.02160	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Styrene
Certified	Yes	NY	SDW06.02170	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Tetrachloroethane (1,1,2,2-)
Certified	Yes	NY	SDW06.02180	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Tetrachloroethene
Certified	Yes	NY	SDW06.02190	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Trichloroethane (1,1,1-)
Certified	Yes	NY	SDW06.02200	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Trichloroethene
Certified	Yes	NY	SDW06.02210	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Toluene

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Laboratory Name: MICROBAC NEW YORK - CORTLAND OFFICE Laboratory Number: NY020 Activity ID:  
NLC110001  
3821 BUCK DR  
CORTLAND, NY 13045

Category: SDW06 -- Organic Parameters, Chromatography/MS

Status	Eligible to Report NJ Data	State	Code	Matrix	Technique Description	Approved Method	Parameter Description
Certified	Yes	NY	SDW06.02220	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Trichlorobenzene (1,2,4-)
Certified	Yes	NY	SDW06.02230	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dichloroethene (1,1-)
Certified	Yes	NY	SDW06.02240	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Trichloroethane (1,1,2-)
Certified	Yes	NY	SDW06.02250	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Vinyl chloride
Certified	Yes	NY	SDW06.02260	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Xylenes (total)
Certified	Yes	NY	SDW06.03010	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Bromobenzene
Certified	Yes	NY	SDW06.03020	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Bromochloromethane
Certified	Yes	NY	SDW06.03030	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Bromomethane
Certified	Yes	NY	SDW06.03040	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Butyl benzene (n-)
Certified	Yes	NY	SDW06.03050	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Sec-butylbenzene
Certified	Yes	NY	SDW06.03060	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Tert-butylbenzene
Certified	Yes	NY	SDW06.03070	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Chloroethane
Certified	Yes	NY	SDW06.03080	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Chloromethane
Certified	Yes	NY	SDW06.03090	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Chlorotoluene (2-)
Certified	Yes	NY	SDW06.03100	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Chlorotoluene (4-)
Certified	Yes	NY	SDW06.03130	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dibromomethane
Certified	Yes	NY	SDW06.03140	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dichlorodifluoromethane
Certified	Yes	NY	SDW06.03150	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dichloropropane (1,3-)
Certified	Yes	NY	SDW06.03160	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dichloropropane (2,2-)
Certified	Yes	NY	SDW06.03170	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dichloropropene (1,1-)
Certified	Yes	NY	SDW06.03180	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dichloropropene (cis-1,3-)
Certified	Yes	NY	SDW06.03190	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Dichloropropene (trans-1,3-)
Applied	No	NY	SDW06.03200	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Hexachlorobutadiene (1,3-)
Certified	Yes	NY	SDW06.03210	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Isopropylbenzene
Certified	Yes	NY	SDW06.03220	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Isopropyltoluene (4-)
Certified	Yes	NY	SDW06.03230	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Propylbenzene (n-)
Certified	Yes	NY	SDW06.03240	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Tetrachloroethane (1,1,1,2-)
Certified	Yes	NY	SDW06.03250	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Trichlorobenzene (1,2,3-)
Certified	Yes	NY	SDW06.03260	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Trichlorofluoromethane
Certified	Yes	NY	SDW06.03270	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Trichloropropane (1,2,3-)
Certified	Yes	NY	SDW06.03280	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Trimethylbenzene (1,2,4-)

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Certified	Yes	NY	SDW06.03300	DW	GC/MS, P & T or Direct Injection, Capillary	[EPA 524.2]	Trimethylbenzene (1,3,5-)

  
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 Joseph F. Aiello, Chief

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  
 Environmental Laboratory Certification Program  
**LABORATORY PERSONNEL LIST**  
 Effective as of: 07/01/2011

Laboratory Name: MICROBAC NEW YORK - CORTLAND OFFICE Laboratory Number: NY020 Activity ID: NLC110001  
 3821 BUCK DR  
 CORTLAND, NY 13045

**Position: Lead Tech. Director**

Employee	Category/Instrument	Start Date	End Date	Documentation Status	Complete Date	Comments
PETER INDICK		9/7/2007		Complete/Qualified		

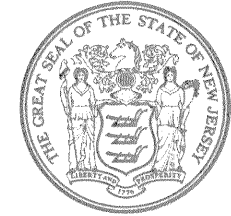
**Position: QA Officer**

Employee	Category/Instrument	Start Date	End Date	Documentation Status	Complete Date	Comments
JENNIFER WALKER		7/1/2010		Complete/Qualified		

**Position: Supervisor/Tech Dir**

Employee	Category/Instrument	Start Date	End Date	Documentation Status	Complete Date	Comments
MEREDITH DOWNES-CUR	SDW01, WPP01 or SHW01	1/18/2011		Complete/Qualified		
JENNIFER WALKER	SDW02, WPP02, CAP01 or CAP04	7/1/2008		Complete/Qualified		
JENNIFER WALKER	SDW03, WPP03 or SHW03	7/1/2008		Complete/Qualified		
PETER INDRICK	SDW05, 06, WPP05-07, SHW05-12 or CAP03	7/1/2008		Complete/Qualified		

State of New Jersey  
Department of Environmental Protection  
Certifies That



*Microbac New York – Cortland Office*

Laboratory Certification ID # NY020  
*is hereby approved as a*

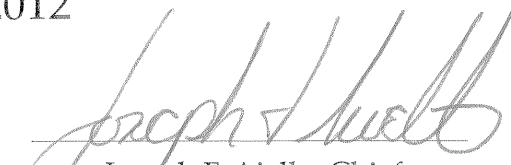
Nationally Accredited Environmental Laboratory  
*to perform the analyses as indicated on the Annual Certified Parameter List  
which must accompany this certificate to be valid*

*having duly met the requirements of the*  
Regulations Governing The Certification Of  
Laboratories And Environmental Measurements N.J.A.C. 7:18 et. seq.  
*and*  
*having been found compliant with the standards approved by the*  
The NELAC Institute

Expiration Date June 30, 2012



NJDEP is a NELAP Recognized Accreditation Body

  
Joseph F. Aiello, Chief  
Office of Quality Assurance