

## Annual Certified Parameter List and Current Status

Effective as of 07/01/2023 until 6/30/2024

Laboratory Name: MEADOWLANDS RESEARCH & RESTORATION INSTITUTE Laboratory Number: 02437 Activity ID: SLC 230001  
ONE DEKORTE PARK PLZ  
LYNDHURST NJ 07071

### Category: NPW03--Inorganic Parameters

Status	Code	Parameter	Technique	Approved Methods
Certified	NPW03.01550	Biochemical oxygen demand	Dissolved Oxygen Depletion - Membrane Electrode	SM 5210 B-16
Certified	NPW03.03300	Chemical oxygen demand	Titrimetric	SM 5220 C-11
Certified	NPW03.04950	Chloride	Ion Chromatography	EPA 300.1
Certified	NPW03.08550	Fluoride	Ion Chromatography	EPA 300.1
Certified	NPW03.11100	Nitrate	Ion Chromatography	EPA 300.1
Certified	NPW03.13700	Nitrite	Ion Chromatography	EPA 300.1
Certified	NPW03.16000	Orthophosphate	Ion Chromatography	EPA 300.1
Certified	NPW03.17850	Residue - filterable (TDS)	Gravimetric, 180 Degrees C	SM 2540 C-15
Certified	NPW03.18000	Residue - nonfilterable (TSS)	Gravimetric, 103-105 Degrees C, Post Washing	SM 2540 D-15
Certified	NPW03.18750	Specific conductance	Wheatstone Bridge	EPA 120.1
Certified	NPW03.19900	Sulfate	Ion Chromatography	EPA 300.1
Certified	NPW03.22100	Turbidity	Nephelometric	EPA 180.1

### Category: NPW04--Analyze Immed, Cont Monitor and/or PWTA

Status	Code	Parameter	Technique	Approved Methods
Certified	NPW04.00950	Oxygen (dissolved)	Membrane Electrode	SM 4500-O G-16
Certified	NPW04.01300	Oxygen (dissolved)	Winkler, Azide Modification	SM 4500-O C-16
Certified	NPW04.01650	pH	Electrometric	SM 4500-H B-11
Certified	NPW04.01950	Temperature	Thermometric	SM 2550 B-10

### Category: NPW07--Metals

**New Jersey Department of Environment Protection  
Environmental Laboratory Certification Program**

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Status	Code	Parameter	Technique	Approved Methods
Certified	NPW07.02350	Mercury	Purge & Trap Atomic Fluorescence	EPA 1631E
Applied	NPW07.03350	Mercury	Manual Cold Vapor	EPA 245.1

Category: NPW08--Metals - ICP, ICP/MS and DCP

Status	Code	Parameter	Technique	Approved Methods
Certified	NPW08.05650	Aluminum	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.05700	Antimony	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.05750	Arsenic	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.05800	Barium	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.05850	Beryllium	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.05950	Cadmium	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.06050	Chromium	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.06100	Cobalt	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.06150	Copper	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.06250	Iron	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.06300	Lead	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.06400	Manganese	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.06450	Molybdenum	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.06500	Nickel	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.06600	Selenium	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.06700	Silver	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.06850	Thallium	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.07150	Vanadium	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.07200	Zinc	Digestion, ICP/MS	EPA 200.8

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: NPW10--Organic Parameters - Chromatography

Status	Code	Parameter	Technique	Approved Methods
Applied	NPW10.19150	Aldrin	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.19200	Alpha BHC	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.19300	Beta BHC	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.20050	DDD (4,4'-)	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.20100	DDE (4,4'-)	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.20150	DDT (4,4'-)	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.20200	Delta BHC	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.20350	Dieldrin	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.20400	Endosulfan I	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.20450	Endosulfan II	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.20500	Endosulfan sulfate	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.20550	Endrin	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.20600	Endrin aldehyde	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.20650	Endrin ketone	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.20800	Heptachlor	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.20850	Heptachlor epoxide	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.21000	Lindane (gamma BHC)	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.21900	PCB 1016	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.21950	PCB 1221	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.22000	PCB 1232	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.22050	PCB 1242	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.22100	PCB 1248	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.22150	PCB 1254	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.22200	PCB 1260	Extract/GC (ECD)	EPA 608.3

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Michele M. Potter, Manager