

New Jersey Department of Environment Protection
Environmental Laboratory Certification Program

Annual Certified Parameter List and Current Status

Effective as of 07/01/2019 until 6/30/2020

Laboratory Name: MEADOWLANDS ENVIRONMENTAL RESEARCH INSTITUTE Laboratory Number: 02437 Activity ID: SLC 190001
ONE DEKORTE PARK PLZ
LYNDHURST NJ 07071

Category: NPW03--Inorganic Parameters

Status	Code	Parameter	Technique	Approved Methods
Certified	NPW03.00350	Biochemical oxygen demand	Dissolved Oxygen Depletion - Membrane Electrode	SM 5210 B-11
Certified	NPW03.00750	Chemical oxygen demand	Titrimetric	SM 5220 C-11
Certified	NPW03.01110	Chloride	Ion Chromatography	EPA 300.1
Certified	NPW03.01940	Fluoride	Ion Chromatography	EPA 300.1
Certified	NPW03.02590	Nitrate	Ion Chromatography	EPA 300.1
Certified	NPW03.03090	Nitrite	Ion Chromatography	EPA 300.1
Certified	NPW03.03560	Orthophosphate	Ion Chromatography	EPA 300.1
Certified	NPW03.04010	Residue - filterable (TDS)	Gravimetric, 180 Degrees C	SM 2540 C-11
Certified	NPW03.04050	Residue - nonfilterable (TSS)	Gravimetric, 103-105 Degrees C, Post Washing	SM 2540 D-11
Certified	NPW03.04240	Specific conductance	Wheatstone Bridge	EPA 120.1
Certified	NPW03.04500	Sulfate	Ion Chromatography	EPA 300.1
Certified	NPW03.05010	Turbidity	Nephelometric	EPA 180.1

Category: NPW04--Analyze-Immed. and Continuous Monitoring

Status	Code	Parameter	Technique	Approved Methods
Certified	NPW04.00230	Oxygen (dissolved)	Membrane Electrode	SM 4500-O G-11
Certified	NPW04.00310	Oxygen (dissolved)	Winkler, Azide Modification	SM 4500-O C-11
Certified	NPW04.00380	pH	Electrometric	SM 4500-H B-11
Certified	NPW04.00490	Temperature	Thermometric	SM 2550 B-10

Category: NPW07--Metals

Status	Code	Parameter	Technique	Approved Methods
Applied	NPW07.00640	Cadmium	Digestion, AA Direct	SM 3111 B-11
Applied	NPW07.00700	Cadmium	Digestion, AA Furnace	SM 3113 B-10
Applied	NPW07.00880	Chromium	Digestion, AA Direct	SM 3111 B-11

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Category: NPW07--Metals

Status	Code	Parameter	Technique	Approved Methods
Applied	NPW07.00930	Chromium	Digestion, AA Furnace	SM 3113 B-10
Applied	NPW07.01330	Copper	Digestion, AA Direct	SM 3111 B-11
Applied	NPW07.01390	Copper	Digestion, AA Furnace	SM 3113 B-10
Applied	NPW07.01580	Iron	Digestion, AA Direct	SM 3111 B-11
Applied	NPW07.01760	Lead	Digestion, AA Direct	SM 3111 B-11
Applied	NPW07.01820	Lead	Digestion, AA Furnace	SM 3113 B-10
Applied	NPW07.02000	Manganese	Digestion, AA Direct	SM 3111 B-11
Applied	NPW07.02050	Manganese	Digestion, AA Furnace	SM 3113 B-10
Applied	NPW07.02160	Mercury	Manual Cold Vapor	EPA 245.1
Certified	NPW07.02200	Mercury	Purge & Trap Atomic Fluorescence	EPA 1631E
Applied	NPW07.02390	Nickel	Digestion, AA Direct	SM 3111 B-11
Applied	NPW07.02460	Nickel	Digestion, AA Furnace	SM 3113 B-10
Applied	NPW07.03400	Zinc	Digestion, AA Direct	SM 3111 B-11

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

Status	Code	Parameter	Technique	Approved Methods
Certified	NPW08.00130	Aluminum	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.00300	Antimony	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.00450	Arsenic	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.00590	Barium	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.00760	Beryllium	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.01110	Cadmium	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.01430	Chromium	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.01610	Cobalt	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.01770	Copper	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.02110	Iron	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.02290	Lead	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.02660	Manganese	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.02830	Molybdenum	Digestion, ICP/MS	EPA 200.8

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

Status	Code	Parameter	Technique	Approved Methods
Certified	NPW08.02990	Nickel	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.03390	Selenium	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.03650	Silver	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.04030	Thallium	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.04510	Vanadium	Digestion, ICP/MS	EPA 200.8
Certified	NPW08.04690	Zinc	Digestion, ICP/MS	EPA 200.8

Category: NPW10--Organic Parameters - Chromatography

Status	Code	Parameter	Technique	Approved Methods
Certified	NPW10.03360	Aldrin	Extract/GC (ECD)	EPA 608.3
Certified	NPW10.03370	Alpha BHC	Extract/GC (ECD)	EPA 608.3
Certified	NPW10.03380	Beta BHC	Extract/GC (ECD)	EPA 608.3
Certified	NPW10.03430	DDD (4,4'-)	Extract/GC (ECD)	EPA 608.3
Certified	NPW10.03440	DDE (4,4'-)	Extract/GC (ECD)	EPA 608.3
Certified	NPW10.03450	DDT (4,4'-)	Extract/GC (ECD)	EPA 608.3
Certified	NPW10.03460	Delta BHC	Extract/GC (ECD)	EPA 608.3
Certified	NPW10.03470	Dieldrin	Extract/GC (ECD)	EPA 608.3
Certified	NPW10.03480	Endosulfan I	Extract/GC (ECD)	EPA 608.3
Certified	NPW10.03490	Endosulfan II	Extract/GC (ECD)	EPA 608.3
Certified	NPW10.03500	Endosulfan sulfate	Extract/GC (ECD)	EPA 608.3
Certified	NPW10.03510	Endrin	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.03520	Endrin aldehyde	Extract/GC (ECD)	EPA 608.3
Certified	NPW10.03530	Endrin ketone	Extract/GC (ECD)	EPA 608.3
Certified	NPW10.03550	Heptachlor	Extract/GC (ECD)	EPA 608.3
Certified	NPW10.03560	Heptachlor epoxide	Extract/GC (ECD)	EPA 608.3
Certified	NPW10.03570	Lindane (gamma BHC)	Extract/GC (ECD)	EPA 608.3
Suspended	NPW10.03590	PCB 1016	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.03600	PCB 1221	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.03610	PCB 1232	Extract/GC (ECD)	EPA 608.3

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Category: NPW10--Organic Parameters - Chromatography

Status	Code	Parameter	Technique	Approved Methods
Certified	NPW10.03620	PCB 1242	Extract/GC (ECD)	EPA 608.3
Suspended	NPW10.03630	PCB 1248	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.03640	PCB 1254	Extract/GC (ECD)	EPA 608.3
Applied	NPW10.03650	PCB 1260	Extract/GC (ECD)	EPA 608.3



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