

July 1, 2026

Anastasia Krakhaleva
EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

RE: North Dakota Environmental Laboratory Certification Extension

Dear Ms. Krakhaleva:

The EMSL Analytical, Inc. 2025-2026 North Dakota scope has been extended until you receive the 2026-2027 scope.

This will serve as official notice to you and your clients.

Be advised this letter is only valid for parameters as defined within the Application for Recognition of Certification or Accreditation for Chemical Parameters for Out of State Laboratories, North Dakota Department of Environmental Quality – Division of Chemistry and so long as your laboratory maintains compliance with the requirements listed therein.

Failure to do so will result in invalidation of any data submitted to the North Dakota Department of Environmental Quality

If you or your clients have any questions, please contact Sarah Brunner at 701-328-6119.

Sincerely,



Sarah A. Brunner
Program Manager
North Dakota Environmental Laboratory Certification Program (NDELCP)

NORTH DAKOTA DEPARTMENT OF ENVIRONMENTAL QUALITY RECOGNITION OF CERTIFICATION OR ACCREDITATION

The North Dakota Department of Environmental Quality recognizes the certification or accreditation of

EMSL Analytical, Inc. - 200 Route 130 North - Cinnaminson, NJ

by

State of New Jersey Department of Environmental Protection, NELAP

for

All Non-Potable Water, Potable Water, Resource Conservation and Recovery Act, Safe Drinking Water Act, Solids and
Chemical Materials
chemical parameters by the methods on the accompanying list of certified parameters for this laboratory

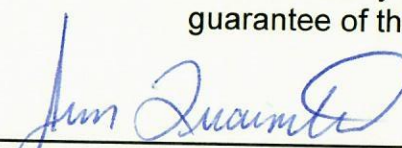
Certification Number: R-208

Date of Issue: October 8, 2025

Expiration Date: June 30, 2026

Covers: 7/1/2025 - 6/30/2026

This certificate remains the property of the North Dakota Department of Environmental Quality and may be recalled, for cause, at any time, by the Department. Recognition of an out-of-state laboratory's certification or accreditation from another state certification or accreditation program by the North Dakota Department of Environmental Quality is neither an endorsement of the results reported by the laboratory nor a guarantee of the validity or accuracy of the results reported by the laboratory.



Director, Division of Chemistry



Certification Officer

**Certified Parameters for
EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ**

**Issued by
North Dakota Department of Environmental Quality
Division - Office of the Director
October 8, 2025**

Certification Period: July 1, 2025 through June 30, 2026

Lab Certification No: R-208

Based on Certificate No: NLC 250001

From the State of New Jersey Department of Environmental Protection, NELAP

Program	Parameter	Method	Source #	Status
Non-Potable Water	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	EPA 1633	166	Certified
	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2	EPA 1633	166	Certified
	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2	EPA 1633	166	Certified
	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	EPA 1633	166	Certified
	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	EPA 1633	166	Certified
	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	EPA 1633	166	Certified
	Hexafluoropropylene oxide dimer acid (HFPO-DA)	EPA 1633	166	Certified
	N-ethyl perfluorooctanesulfonamidoacetic acid	EPA 1633	166	Certified
	N-methyl perfluorooctanesulfonamidoacetic acid	EPA 1633	166	Certified
	Perfluorobutanesulfonic acid (PFBS, Perfluorobutane	EPA 1633	166	Certified
	Perfluorobutanoic acid (PFBA)	EPA 1633	166	Certified
	Perfluorodecanesulfonic acid (PFDS)	EPA 1633	166	Certified
	Perfluorodecanoic acid (PFDA)	EPA 1633	166	Certified
	Perfluorododecanoic acid (PFDoA)	EPA 1633	166	Certified
	Perfluoroheptanesulfonic acid (PFHpS,	EPA 1633	166	Certified
	Perfluoroheptanoic acid (PFHpA,	EPA 1633	166	Certified
	Perfluorohexanesulfonic acid (PFHxS,	EPA 1633	166	Certified
	Perfluorohexanoic acid (PFHxA)	EPA 1633	166	Certified
	Perfluorononanesulfonic acid (PFNS)	EPA 1633	166	Certified
	Perfluorononanoic acid (PFNA, Perfluorononanoate)	EPA 1633	166	Certified
	Perfluorooctane sulfonamide (PFOSA)	EPA 1633	166	Certified
	Perfluorooctanesulfonic acid (PFOS, Perfluorooctane	EPA 1633	166	Certified
	Perfluorooctanoic acid (PFOA, Perfluorooctanoate)	EPA 1633	166	Certified
	Perfluoropentane sulfonic acid (PFPeS)	EPA 1633	166	Certified
	Perfluoropentanoic acid (PFPEA)	EPA 1633	166	Certified
	Perfluorotetradecanoic acid (PFTA)	EPA 1633	166	Certified
	Perfluorotridecanoic acid (PFTrDA)	EPA 1633	166	Certified
	Perfluoroundecanoic acid (PFUnA)	EPA 1633	166	Certified
Potable Water	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	EPA 533	151	Certified
	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2-FTS)	EPA 533	151	Certified
	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2-FTS)	EPA 533	151	Certified

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Program
Potable Water

Parameter

Method

Source # Status

1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2-FTS)	EPA 533	151	Certified
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	EPA 533	151	Certified
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid	EPA 533	151	Certified
Hexafluoropropylene oxide dimer acid (HFPO-DA)	EPA 533	151	Certified
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 533	151	Certified
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	EPA 533	151	Certified
Perfluoro-3-methoxypropanoic acid (PFMPA)	EPA 533	151	Certified
Perfluoro-4-methoxybutanoic acid (PFMBA)	EPA 533	151	Certified
Perfluorobutanesulfonic acid (PFBS, Perfluorobutane	EPA 533	151	Certified
Perfluorobutanoic acid (PFBA)	EPA 533	151	Certified
Perfluorodecanoic acid (PFDA)	EPA 533	151	Certified
Perfluorododecanoic acid (PFDoA)	EPA 533	151	Certified
Perfluoroheptanesulfonic acid (PFHpS,	EPA 533	151	Certified
Perfluoroheptanoic acid (PFHpA,	EPA 533	151	Certified
Perfluorohexanesulfonic acid (PFHxS,	EPA 533	151	Certified
Perfluorohexanoic acid (PFHxA)	EPA 533	151	Certified
Perfluorononanoic acid (PFNA, Perfluorononanoate)	EPA 533	151	Certified
Perfluorooctanesulfonic acid (PFOS, Perfluorooctane	EPA 533	151	Certified
Perfluorooctanoic acid (PFOA, Perfluorooctanoate)	EPA 533	151	Certified
Perfluoropentanesulfonic acid (PFPeS)	EPA 533	151	Certified
Perfluoropentanoic acid (PFPEA)	EPA 533	151	Certified
Perfluoroundecanoic acid (PFUnA)	EPA 533	151	Certified
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	EPA 537.1	142	Certified
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	EPA 537.1	142	Certified
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid	EPA 537.1	142	Certified
Hexafluoropropylene oxide dimer acid (HFPO-DA)	EPA 537.1	142	Certified
N-ethyl perfluorooctanesulfonamidoacetic acid	EPA 537.1	142	Certified
N-methyl perfluorooctanesulfonamidoacetic acid	EPA 537.1	142	Certified
Perfluorobutanesulfonic acid (PFBS, Perfluorobutane	EPA 537.1	142	Certified
Perfluorodecanoic acid (PFDA)	EPA 537.1	142	Certified
Perfluorododecanoic acid (PFDoA)	EPA 537.1	142	Certified
Perfluoroheptanoic acid (PFHpA,	EPA 537.1	142	Certified
Perfluorohexanesulfonic acid (PFHxS,	EPA 537.1	142	Certified
Perfluorohexanoic acid (PFHxA)	EPA 537.1	142	Certified
Perfluorononanoic acid (PFNA, Perfluorononanoate)	EPA 537.1	142	Certified
Perfluorooctanesulfonic acid (PFOS, Perfluorooctane	EPA 537.1	142	Certified
Perfluorooctanoic acid (PFOA, Perfluorooctanoate)	EPA 537.1	142	Certified
Perfluorotetradecanoic acid (PFTA)	EPA 537.1	142	Certified
Perfluorotridecanoic acid (PFTTrDA)	EPA 537.1	142	Certified
Perfluoroundecanoic acid (PFUnA)	EPA 537.1	142	Certified

Resource Conservation and Recovery Act

TCLP Metals Extraction	SW846 1311	81	Certified
TCLP Semi-Volatiles Extraction	SW846 1311	81	Certified
** Aluminum	SW846 6010D	131	Certified
** Antimony	SW846 6010D	131	Certified
** Arsenic	SW846 6010D	131	Certified
** Barium	SW846 6010D	131	Certified
** Beryllium	SW846 6010D	131	Certified

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<i>Program</i>	<i>Parameter</i>	<i>Method</i>	<i>Source #</i>	<i>Status</i>
<i>Resource Conservation and Recovery Act</i>				
**	Boron	SW846 6010D	131	Certified
**	Cadmium	SW846 6010D	131	Certified
**	Calcium	SW846 6010D	131	Certified
**	Chromium	SW846 6010D	131	Certified
**	Cobalt	SW846 6010D	131	Certified
**	Copper	SW846 6010D	131	Certified
**	Iron	SW846 6010D	131	Certified
**	Lead	SW846 6010D	131	Certified
**	Magnesium	SW846 6010D	131	Certified
**	Manganese	SW846 6010D	131	Certified
**	Molybdenum	SW846 6010D	131	Certified
**	Nickel	SW846 6010D	131	Certified
**	Potassium	SW846 6010D	131	Certified
**	Selenium	SW846 6010D	131	Certified
**	Silver	SW846 6010D	131	Certified
**	Sodium	SW846 6010D	131	Certified
**	Strontium	SW846 6010D	131	Certified
**	Thallium	SW846 6010D	131	Certified
**	Tin	SW846 6010D	131	Certified
**	Titanium	SW846 6010D	131	Certified
**	Vanadium	SW846 6010D	131	Certified
**	Zinc	SW846 6010D	131	Certified
**	Mercury	SW846 7471B	96	Certified
<i>Safe Drinking Water Act</i>				
	Asbestos	EPA 100.1	12	Certified
	Asbestos	EPA 100.2	13	Certified
	Lead	EPA 200.8	2	Certified
	Uranium	EPA 200.8	2	Certified
	Gross Alpha and Gross Beta	EPA 900.0	15	Certified
	Radium 226	EPA 903.0	15	Certified
	Radium 228	EPA 904.0	15	Certified
<i>Solids and Chemical Materials</i>				
	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	EPA 1633	166	Certified
	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2	EPA 1633	166	Certified
	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2	EPA 1633	166	Certified
	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	EPA 1633	166	Certified
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	Perfluoroheptanoic acid (PFHpA,	EPA 1633	166	Certified

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<i>Solids and Chemical Materials</i>				
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Symbol Reference

** Limited to RCRA Solid Samples Only

Source Reference

- 2 "Methods for the Determination of Metals in Environmental Samples - Supplement I", EPA/600/R-94/111, May 1994
- 12 "Analytical Method for Determination of Asbestos Fibers in Water", EPA/600/4-83/043, September 1983
- 13 "Determination of Asbestos Structure Over 10um in Length in Drinking Water", EPA/600/R-94/134, June 1994
- 15 "Prescribed Procedures for the Measurement of Radioactivity in Drinking Water", EPA 600/4-80-032, August 1980
- 81 Test Methods for Evaluating Solid Waste Physical Chemical Methods (SW846) Third Edition, as amended by Update I, July 1992, EPA Office of Solid Waste and Emergency Response
- 96 Test Methods for Evaluating Solid Waste Physical Chemical Methods (SW846) Third Edition, as amended by Final Update IV, February 2007, EPA Office of Solid Waste and Emergency Response
- 131 Test Methods for Evaluating Solid Waste Physical Chemical Methods (SW846) Third Edition, as amended by Update V, July 2014, EPA Office of Solid Waste and Emergency Response
- 142 Method 537.1: Determination of Selected Per- and Polyfluorinated Alkyl Substances in Drinking Water by Solid Phase Extracion and Liquid Chromatography/Tandam Mass Spectrometry (LC/MS/MS), Version 1.0, November 2018
- 151 EPA Method 533: Determination of Per- and Polyfluoroalkyl Substances in Drinking Water by Isotope Dilution Anion Exchange Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry
- 166 Method 1633 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS; EPA 821-R-24-001; January 2024

July 1, 2026

Anastasia Krakhaleva
EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

RE: North Dakota Environmental Laboratory Certification Extension

Dear Ms. Krakhaleva:

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Sincerely,



Sarah A. Brunner
Program Manager
North Dakota Environmental Laboratory Certification Program (NDELCP)