



**Minnesota Department of Health
Environmental Laboratory Accreditation Program**

Issues accreditation to

State Laboratory ID: 038-999-267

EPA Lab Code: ND00016

**Minnesota Valley Testing Labs Inc.
2616 East Broadway Ave
Bismarck, ND 58501**

for fields of accreditation listed on the laboratory's accompanying Scope of Certification
in accordance with the provisions in Minnesota Laws and Rules.

Continued accreditation is contingent upon successful on-going compliance with Minnesota Statutes 144.97 to 144.98, 2016 TNI Standard and applicable Minnesota Rules 4740.2010 to 4740.2120. The laboratory's Scope of Certification cites the specific programs, methods, analytes and matrices for which MDH issues this accreditation.

This certificate is valid proof of accreditation only when associated with its accompanying Scope of Certification.

The Scope of Certification and reports of on-site assessments are on file at the Minnesota Department of Health, 601 Robert Street North, Saint Paul, Minnesota. Customers may verify the laboratory's accreditation status in Minnesota by contacting MNELAP at (651) 201-5324.

Effective Date: 12/02/2024
Expires: 12/31/2025
Certificate Number: 2822261



Issued under the authority
delegated by the
Commissioner of Health,
State of Minnesota



*Environmental Laboratory Accreditation Program
Scope of Certification*

**THIS LISTING OF FIELDS OF ACCREDITATION MUST BE
ACCOMPANIED BY CERTIFICATE NUMBER: 2822261**

State Laboratory ID: 038-999-267

EPA Lab Code: ND00016

Issue Date: 12/2/2024

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Minnesota Valley Testing Labs Inc.
2616 East Broadway Ave
Bismarck, ND 58501

Clean Water Program

ASTM D516-16

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	ASTM D516-16	Sulfate	NPW	MN	

EPA 1664B

Preparation Techniques: Extraction, solid phase (SPE);

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 1664B	Oil & Grease	NPW	MN	

EPA 335.4 Rev. 1

Preparation Techniques: Distillation, micro;

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 335.4 Rev. 1	Total Cyanide	NPW	MN	

EPA 350.1 Rev. 2.0

Preparation Techniques: Distillation, micro;

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 350.1 Rev. 2.0	Ammonia as N	NPW	MN	

EPA 353.2 Rev. 2.0

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 353.2 Rev. 2.0	Nitrate as N	NPW	MN	
CWP	EPA 353.2 Rev. 2.0	Nitrate plus Nitrite as N	NPW	MN	
CWP	EPA 353.2 Rev. 2.0	Nitrite as N	NPW	MN	

EPA 365.1 Rev. 2

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 365.1 Rev. 2	Orthophosphate as P	NPW	MN	
CWP	EPA 365.1 Rev. 2	Total Phosphorus	NPW	MN	

EPA 420.4 Rev. 1

Preparation Techniques: Distillation, micro;

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 420.4 Rev. 1	Total Phenolics	NPW	MN	

Hach 8000

Preparation Techniques: Digestion, hotplate or HotBlock;

Program	Method	Analyte	Matrix	Primary	SOP
CWP	Hach 8000	Chemical Oxygen Demand (COD)	NPW	MN	

OIA PAI-DK01

Preparation Techniques: Distillation, micro;

Program	Method	Analyte	Matrix	Primary	SOP
CWP	OIA PAI-DK01	Total Kjeldahl Nitrogen (TKN)	NPW	MN	

SM 2130 B-2020

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 2130 B-2020	Turbidity	NPW	MN	

SM 2320 B-2021

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 2320 B-2021	Alkalinity as CaCO ₃	NPW	MN	

SM 2510 B-2021

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 2510 B-2021	Conductivity	NPW	MN	

SM 4500-Cl⁻ E-2021

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 4500-Cl ⁻ E-2021	Chloride	NPW	MN	

SM 4500-H⁺ B-2021

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 4500-H+ B-2021	pH	NPW	MN	

SM 5210 B-2016

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 5210 B-2016	Biochemical Oxygen Demand (BOD)	NPW	MN	

SM 5310 C-2014

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 5310 C-2014	Dissolved organic carbon (DOC)	NPW	MN	
CWP	SM 5310 C-2014	Total Organic Carbon (TOC)	NPW	MN	

USGS I-1750-85

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	USGS I-1750-85	Residue-filterable (TDS)	NPW	MN	

USGS I-3750-85

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	USGS I-3750-85	Residue-total (TS)	NPW	MN	

USGS I-3765-85

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	USGS I-3765-85	Residue-nonfilterable (TSS)	NPW	MN	

EPA 200.7 Rev. 4.4

Preparation Techniques: Digestion, hotplate or HotBlock; Extraction, EPA 1312 SPLP, non-volatiles; Extraction, EPA 1311 TCLP, non-volatiles;

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 200.7 Rev. 4.4	Aluminum	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Barium	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Beryllium	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Boron	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Cadmium	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Calcium	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Chromium	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Cobalt	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Copper	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Iron	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Lead	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Magnesium	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Manganese	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Molybdenum	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Nickel	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Potassium	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Sodium	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Tin	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Titanium	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Total chromium	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Vanadium	NPW	MN	
CWP	EPA 200.7 Rev. 4.4	Zinc	NPW	MN	

EPA 200.8 Rev. 5.4

Preparation Techniques: Digestion, hotplate or HotBlock; Extraction, EPA 1312 SPLP, non-volatiles; Extraction, EPA 1311 TCLP, non-volatiles;

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 200.8 Rev. 5.4	Antimony	NPW	MN	
CWP	EPA 200.8 Rev. 5.4	Arsenic	NPW	MN	
CWP	EPA 200.8 Rev. 5.4	Barium	NPW	MN	
CWP	EPA 200.8 Rev. 5.4	Beryllium	NPW	MN	

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 200.8 Rev. 5.4	Cadmium	NPW	MN	
CWP	EPA 200.8 Rev. 5.4	Chromium	NPW	MN	
CWP	EPA 200.8 Rev. 5.4	Cobalt	NPW	MN	
CWP	EPA 200.8 Rev. 5.4	Copper	NPW	MN	
CWP	EPA 200.8 Rev. 5.4	Lead	NPW	MN	
CWP	EPA 200.8 Rev. 5.4	Manganese	NPW	MN	
CWP	EPA 200.8 Rev. 5.4	Molybdenum	NPW	MN	
CWP	EPA 200.8 Rev. 5.4	Nickel	NPW	MN	
CWP	EPA 200.8 Rev. 5.4	Selenium	NPW	MN	
CWP	EPA 200.8 Rev. 5.4	Silver	NPW	MN	
CWP	EPA 200.8 Rev. 5.4	Thallium	NPW	MN	
CWP	EPA 200.8 Rev. 5.4	Total chromium	NPW	MN	
CWP	EPA 200.8 Rev. 5.4	Uranium (mass)	NPW	MN	
CWP	EPA 200.8 Rev. 5.4	Vanadium	NPW	MN	

EPA 245.1 Rev. 3

Preparation Techniques: Digestion, hotplate or HotBlock;

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 245.1 Rev. 3	Mercury	NPW	MN	

SM 2340 B-2011

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CWP	SM 2340 B-2011	Total hardness as CaCO ₃	NPW	MN	

Resource Conservation Recovery Program

EPA 9045D Update IIIB

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 9045D Update IIIB	pH	NPW	MN	

EPA 6010D Update V

Preparation Techniques: Digestion, hotplate or HotBlock; Extraction, EPA 1312 SPLP, non-volatiles; Digestion, microwave-assisted; Extraction, EPA 1311 TCLP, non-volatiles;

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 6010D Update V	Aluminum	NPW	MN	
RCRP	EPA 6010D Update V	Aluminum	SCM	MN	
RCRP	EPA 6010D Update V	Barium	SCM	MN	
RCRP	EPA 6010D Update V	Barium	NPW	MN	
RCRP	EPA 6010D Update V	Beryllium	NPW	MN	
RCRP	EPA 6010D Update V	Beryllium	SCM	MN	
RCRP	EPA 6010D Update V	Boron	SCM	MN	
RCRP	EPA 6010D Update V	Boron	NPW	MN	
RCRP	EPA 6010D Update V	Cadmium	NPW	MN	
RCRP	EPA 6010D Update V	Cadmium	SCM	MN	
RCRP	EPA 6010D Update V	Calcium	SCM	MN	
RCRP	EPA 6010D Update V	Calcium	NPW	MN	
RCRP	EPA 6010D Update V	Chromium	NPW	MN	
RCRP	EPA 6010D Update V	Chromium	SCM	MN	
RCRP	EPA 6010D Update V	Cobalt	SCM	MN	
RCRP	EPA 6010D Update V	Cobalt	NPW	MN	
RCRP	EPA 6010D Update V	Copper	NPW	MN	
RCRP	EPA 6010D Update V	Copper	SCM	MN	
RCRP	EPA 6010D Update V	Iron	SCM	MN	
RCRP	EPA 6010D Update V	Iron	NPW	MN	
RCRP	EPA 6010D Update V	Lead	NPW	MN	
RCRP	EPA 6010D Update V	Lead	SCM	MN	
RCRP	EPA 6010D Update V	Magnesium	SCM	MN	
RCRP	EPA 6010D Update V	Magnesium	NPW	MN	
RCRP	EPA 6010D Update V	Manganese	SCM	MN	
RCRP	EPA 6010D Update V	Manganese	NPW	MN	
RCRP	EPA 6010D Update V	Molybdenum	NPW	MN	
RCRP	EPA 6010D Update V	Molybdenum	SCM	MN	
RCRP	EPA 6010D Update V	Nickel	NPW	MN	
RCRP	EPA 6010D Update V	Nickel	SCM	MN	
RCRP	EPA 6010D Update V	Potassium	NPW	MN	
RCRP	EPA 6010D Update V	Potassium	SCM	MN	
RCRP	EPA 6010D Update V	Sodium	NPW	MN	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 6010D Update V	Sodium	SCM	MN	
RCRP	EPA 6010D Update V	Strontium	SCM	MN	
RCRP	EPA 6010D Update V	Strontium	NPW	MN	
RCRP	EPA 6010D Update V	Tin	NPW	MN	
RCRP	EPA 6010D Update V	Tin	SCM	MN	
RCRP	EPA 6010D Update V	Titanium	SCM	MN	
RCRP	EPA 6010D Update V	Titanium	NPW	MN	
RCRP	EPA 6010D Update V	Vanadium	NPW	MN	
RCRP	EPA 6010D Update V	Vanadium	SCM	MN	
RCRP	EPA 6010D Update V	Zinc	SCM	MN	
RCRP	EPA 6010D Update V	Zinc	NPW	MN	

EPA 6020B Update V

Preparation Techniques: Digestion, hotplate or HotBlock; Extraction, EPA 1312 SPLP, non-volatiles; Digestion, microwave-assisted; Extraction, EPA 1311 TCLP, non-volatiles;

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 6020B Update V	Antimony	SCM	MN	
RCRP	EPA 6020B Update V	Antimony	NPW	MN	
RCRP	EPA 6020B Update V	Arsenic	SCM	MN	
RCRP	EPA 6020B Update V	Arsenic	NPW	MN	
RCRP	EPA 6020B Update V	Barium	NPW	MN	
RCRP	EPA 6020B Update V	Barium	SCM	MN	
RCRP	EPA 6020B Update V	Beryllium	SCM	MN	
RCRP	EPA 6020B Update V	Beryllium	NPW	MN	
RCRP	EPA 6020B Update V	Cadmium	NPW	MN	
RCRP	EPA 6020B Update V	Cadmium	SCM	MN	
RCRP	EPA 6020B Update V	Chromium	NPW	MN	
RCRP	EPA 6020B Update V	Chromium	SCM	MN	
RCRP	EPA 6020B Update V	Cobalt	SCM	MN	
RCRP	EPA 6020B Update V	Cobalt	NPW	MN	
RCRP	EPA 6020B Update V	Copper	NPW	MN	
RCRP	EPA 6020B Update V	Copper	SCM	MN	
RCRP	EPA 6020B Update V	Lead	NPW	MN	
RCRP	EPA 6020B Update V	Lead	SCM	MN	
RCRP	EPA 6020B Update V	Manganese	SCM	MN	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 6020B Update V	Manganese	NPW	MN	
RCRP	EPA 6020B Update V	Molybdenum	NPW	MN	
RCRP	EPA 6020B Update V	Molybdenum	SCM	MN	
RCRP	EPA 6020B Update V	Nickel	SCM	MN	
RCRP	EPA 6020B Update V	Nickel	NPW	MN	
RCRP	EPA 6020B Update V	Selenium	NPW	MN	
RCRP	EPA 6020B Update V	Selenium	SCM	MN	
RCRP	EPA 6020B Update V	Silver	NPW	MN	
RCRP	EPA 6020B Update V	Silver	SCM	MN	
RCRP	EPA 6020B Update V	Thallium	SCM	MN	
RCRP	EPA 6020B Update V	Thallium	NPW	MN	
RCRP	EPA 6020B Update V	Uranium (mass)	SCM	MN	
RCRP	EPA 6020B Update V	Uranium (mass)	NPW	MN	
RCRP	EPA 6020B Update V	Vanadium	SCM	MN	
RCRP	EPA 6020B Update V	Vanadium	NPW	MN	

EPA 7470A Update II

Preparation Techniques: Digestion, hotplate or HotBlock; Extraction, EPA 1312 SPLP, non-volatiles; Extraction, EPA 1311 TCLP, non-volatiles;

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 7470A Update II	Mercury	NPW	MN	

EPA 7471B Update IV

Preparation Techniques: Digestion, hotplate or HotBlock;

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 7471B Update IV	Mercury	SCM	MN	

EPA 1020B Update IIIB

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 1020B Update IIIB	Ignitability	SCM	MN	

Safe Drinking Water Program

ASTM D516-16

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	ASTM D516-16	Sulfate	DW	MN	

EPA 353.2 Rev. 2.0

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 353.2 Rev. 2.0	Nitrate as N	DW	MN	
SDWP	EPA 353.2 Rev. 2.0	Nitrite as N	DW	MN	

EPA 365.1 Rev. 2

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 365.1 Rev. 2	Orthophosphate as P	DW	MN	

SM 2510 B - 24th ED

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 2510 B - 24th ED	Conductivity	DW	MN	

SM 2540 C-15 (23rd Ed)

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 2540 C-15 (23rd Ed)	Residue-filterable (TDS)	DW	MN	

SM 4500-F⁻ C - 24th ED

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 4500-F ⁻ C - 24th ED	Fluoride	DW	MN	

SM 4500-H⁺ B - 24th ED

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 4500-H ⁺ B - 24th ED	pH	DW	MN	

SM 5310 C-14 (23rd Ed)

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 5310 C-14 (23rd Ed)	Total Organic Carbon (TOC)	DW	MN	

EPA 200.7 Rev. 4.4

Preparation Techniques: Digestion, hotplate or HotBlock; Extraction, EPA 1312 SPLP, non-volatiles; Extraction, EPA 1311 TCLP, non-volatiles;

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 200.7 Rev. 4.4	Aluminum	DW	MN	
SDWP	EPA 200.7 Rev. 4.4	Barium	DW	MN	
SDWP	EPA 200.7 Rev. 4.4	Calcium	DW	MN	
SDWP	EPA 200.7 Rev. 4.4	Chromium	DW	MN	
SDWP	EPA 200.7 Rev. 4.4	Copper	DW	MN	
SDWP	EPA 200.7 Rev. 4.4	Magnesium	DW	MN	
SDWP	EPA 200.7 Rev. 4.4	Manganese	DW	MN	
SDWP	EPA 200.7 Rev. 4.4	Nickel	DW	MN	
SDWP	EPA 200.7 Rev. 4.4	Sodium	DW	MN	
SDWP	EPA 200.7 Rev. 4.4	Zinc	DW	MN	

EPA 200.8 Rev. 5.4

Preparation Techniques: Digestion, hotplate or HotBlock; Extraction, EPA 1312 SPLP, non-volatiles; Extraction, EPA 1311 TCLP, non-volatiles;

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 200.8 Rev. 5.4	Antimony	DW	MN	
SDWP	EPA 200.8 Rev. 5.4	Arsenic	DW	MN	
SDWP	EPA 200.8 Rev. 5.4	Barium	DW	MN	
SDWP	EPA 200.8 Rev. 5.4	Beryllium	DW	MN	
SDWP	EPA 200.8 Rev. 5.4	Cadmium	DW	MN	
SDWP	EPA 200.8 Rev. 5.4	Chromium	DW	MN	
SDWP	EPA 200.8 Rev. 5.4	Copper	DW	MN	
SDWP	EPA 200.8 Rev. 5.4	Lead	DW	MN	
SDWP	EPA 200.8 Rev. 5.4	Manganese	DW	MN	
SDWP	EPA 200.8 Rev. 5.4	Nickel	DW	MN	
SDWP	EPA 200.8 Rev. 5.4	Selenium	DW	MN	
SDWP	EPA 200.8 Rev. 5.4	Silver	DW	MN	
SDWP	EPA 200.8 Rev. 5.4	Thallium	DW	MN	
SDWP	EPA 200.8 Rev. 5.4	Uranium (mass)	DW	MN	

EPA 245.1 Rev. 3

Preparation Techniques: Digestion, hotplate or HotBlock;

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 245.1 Rev. 3	Mercury	DW	MN	

Note: Method beginning with "SM" refer to the approved editions of Standard methods for the Examination of Water and Wastes. Approved methods are listed in the applicable parts of Title 40 of the Code of Federal Regulations (including its subsequent Federal Register updates), MN Statutes and Rules, and state-issued permits.