

***Certified Parameters for
V-TIC Services Inc
1910 50th Street W, Suite I, Williston, ND
Issued by
North Dakota Department of Environmental Quality
Division - Office of the Director
August 18, 2025
Certification Period: August 18, 2025 through August 18, 2028
Accompanies Certificate Number ND-042***

<i>Program</i>	<i>Parameter</i>	<i>Method</i>	<i>Source #</i>	<i>Status</i>
<i>Clean Water Act</i>	Alkalinity as CaCO3	ASTM D1067-16	110	Provisional
	Calcium	ASTM D6919-17	110	Provisional
	Magnesium	ASTM D6919-17	110	Provisional
	Potassium	ASTM D6919-17	110	Provisional
	Sodium	ASTM D6919-17	110	Provisional
	Conductivity	EPA 120.1	70	Provisional
	pH	EPA 150.1	70	Provisional
	pH	EPA 150.2	70	Provisional
	Oil and Grease	EPA 1664 B	111	Provisional
	Aluminum	EPA 200.7	2	Provisional
	Antimony	EPA 200.7	2	Provisional
	Arsenic	EPA 200.7	2	Provisional
	Barium	EPA 200.7	2	Provisional
	Beryllium	EPA 200.7	2	Provisional
	Boron	EPA 200.7	2	Provisional
	Cadmium	EPA 200.7	2	Provisional
	Chromium	EPA 200.7	2	Provisional
	Cobalt	EPA 200.7	2	Provisional
	Copper	EPA 200.7	2	Provisional
	Iron	EPA 200.7	2	Provisional
	Lead	EPA 200.7	2	Provisional
	Manganese	EPA 200.7	2	Provisional
	Molybdenum	EPA 200.7	2	Provisional
	Nickel	EPA 200.7	2	Provisional
	Selenium	EPA 200.7	2	Provisional
	Silver	EPA 200.7	2	Provisional
	Strontium	EPA 200.7	2	Provisional
	Thallium	EPA 200.7	2	Provisional
	Tin	EPA 200.7	2	Provisional
	Titanium	EPA 200.7	2	Provisional
	Vanadium	EPA 200.7	2	Provisional
	Zinc	EPA 200.7	2	Provisional
	Bromide	EPA 300.0	9	Provisional
	Chloride	EPA 300.0	9	Provisional
	Fluoride	EPA 300.0	9	Provisional

Tuesday, August 19, 2025

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Program	Parameter	Method	Source #	Status
Clean Water Act	Sulfate	EPA 300.0	9	Provisional
	Alkalinity as CaCO3	EPA 310.2	70	Provisional
	Sulfide	SM 4500-S(2-) F	91	Provisional
Resource Conservation and Recovery Act				
**	Aluminum	SW846 6010D	126	Provisional
**	Antimony	SW846 6010D	126	Provisional
**	Arsenic	SW846 6010D	126	Provisional
**	Barium	SW846 6010D	126	Provisional
**	Beryllium	SW846 6010D	126	Provisional
**	Boron	SW846 6010D	126	Provisional
**	Cadmium	SW846 6010D	126	Provisional
**	Calcium	SW846 6010D	126	Provisional
**	Chromium	SW846 6010D	126	Provisional
**	Cobalt	SW846 6010D	126	Provisional
**	Copper	SW846 6010D	126	Provisional
**	Iron	SW846 6010D	126	Provisional
**	Lead	SW846 6010D	126	Provisional
**	Lithium	SW846 6010D	126	Provisional
**	Magnesium	SW846 6010D	126	Provisional
**	Manganese	SW846 6010D	126	Provisional
**	Molybdenum	SW846 6010D	126	Provisional
**	Nickel	SW846 6010D	126	Provisional
**	Potassium	SW846 6010D	126	Provisional
**	Selenium	SW846 6010D	126	Provisional
**	Silver	SW846 6010D	126	Provisional
**	Sodium	SW846 6010D	126	Provisional
**	Strontium	SW846 6010D	126	Provisional
**	Thallium	SW846 6010D	126	Provisional
**	Tin	SW846 6010D	126	Provisional
**	Titanium	SW846 6010D	126	Provisional
**	Vanadium	SW846 6010D	126	Provisional
**	Zinc	SW846 6010D	126	Provisional
*	Diesel Range Organics	SW846 8015C	96	Provisional
**	Corrosivity	SW846 9040C	85	Provisional
*	pH	SW846 9040C	85	Provisional
*	pH	SW846 9045D	85	Provisional
*	Conductivity	SW846 9050A	84	Provisional
*	Bromide	SW846 9056A	96	Provisional
*	Chloride	SW846 9056A	96	Provisional
*	Fluoride	SW846 9056A	96	Provisional
*	Sulfate	SW846 9056A	96	Provisional
*	Sulfide	SW846 9215	84	Provisional

<i>Program</i>	<i>Parameter</i>	<i>Method</i>	<i>Source #</i>	<i>Status</i>
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Symbol Reference

- * Limited to RCRA Water Samples Only
- ** 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
- 9 "Methods for the Determination of Inorganic Substances in Environmental Samples", EPA/600/R-93-100, August 1993
- 70 "Methods for Chemical Analysis of Water and Wastes" Environmental Protection Agency, EPA-600/4-79-020, revised March 1983 and 1979 where applicable
- 84 Test Methods for Evaluating Solid Waste Physical Chemical Methods (SW846) Third Edition, as amended by Update III, December 1996, EPA Office of Solid Waste and Emergency Response
- 85 Test Methods for Evaluating Solid Waste Physical Chemical Methods (SW846) Third Edition, as amended by Final Update IIIB, November 2004, EPA Office of Solid Waste and Emergency Response
- 91 Standard Methods for the Examination of Water and Wastewater, 21st Edition (2005), American Public Health Association
- 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
- 110 Annual Book of ASTM Standards, Section Eleven - Water and Environmental Technology, Volume 11.01, 2008 or Later, ASTM International, West Conshohocken, PA
- 111 www.epa.gov/waterscience/methods/
- 126 Test Methods for Evaluating Solid Waste Physical Chemical Methods (SW846) Third Edition, as amended by Final Update V, August 2015, EPA Office of Solid Waste and Emergency Response



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VTIC Environmental Lab - Additionally Certified Parameters since Aug. 2025 Letter

Program	Parameter	Method	Source #	Status
Clean Water Acts	Aluminum	EPA 200.7		Provisional
Clean Water Acts	Antimony	EPA 200.7		Provisional
Clean Water Acts	Arsenic	EPA 200.7		Provisional
Clean Water Acts	Barium	EPA 200.7		Provisional
Clean Water Acts	Beryllium	EPA 200.7		Provisional
Clean Water Acts	Boron	EPA 200.7		Provisional
Clean Water Acts	Cadmium	EPA 200.7		Provisional
Clean Water Acts	Chromium	EPA 200.7		Provisional
Clean Water Acts	Cobalt	EPA 200.7		Provisional
Clean Water Acts	Copper	EPA 200.7		Provisional
Clean Water Acts	Iron	EPA 200.7		Provisional
Clean Water Acts	Lead	EPA 200.7		Provisional
Clean Water Acts	Manganese	EPA 200.7		Provisional
Clean Water Acts	Molybdenum	EPA 200.7		Provisional
Clean Water Acts	Nickel	EPA 200.7		Provisional
Clean Water Acts	Selenium	EPA 200.7		Provisional
Clean Water Acts	Silver	EPA 200.7		Provisional
Clean Water Acts	Strontium	EPA 200.7		Provisional
Clean Water Acts	Thallium	EPA 200.7		Provisional
Clean Water Acts	Vanadium	EPA 200.7		Provisional
Clean Water Acts	Zinc	EPA 200.7		Provisional
Clean Water Acts	Lithium	EPA 200.7		Provisional
Clean Water Acts	Tin			Provisional
Clean Water Acts	Titanium	EPA 200.7		Provisional
Clean Water Acts	Bromide	EPA 300.0		Provisional
Clean Water Acts	Chloride	EPA 300.0		Provisional
Clean Water Acts	Fluoride	EPA 300.0		Provisional
Clean Water Acts	Sulfate	EPA 300.0		Provisional
Clean Water Acts	Chloride	EPA 9056A		Provisional
Clean Water Acts	Fluoride	EPA 9056A		Provisional
Clean Water Acts	Sulfate	EPA 9056A		Provisional
Clean Water Acts	Bromide	EPA 9056A		Provisional
Clean Water Acts	Conductivity at 25°C	EPA 120.1		Provisional
RCRA	Conductivity at 25°C	EPA 9050A		Provisional
Clean Water Acts	Alkalinity as CaCO ₃	ASTM D1067-16		Provisional
Clean Water Acts	Alkalinity as CaCO ₃	EPA 310.2 1974		Provisional



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Clean Water Acts	Potassium	ASTM D6919-17		Provisional
Clean Water Acts	Sodium	ASTM D6919-17		Provisional
Clean Water Acts	Calcium	ASTM D6919-17		Provisional
Clean Water Acts	Magnesium	ASTM D6919-17		Provisional
Clean Water Acts	Ammonium/ Ammonia	ASTM D6919-17		Provisional
Clean Water Acts	Oil and grease	EPA 1664B		Provisional
Clean Water Acts	TPH	EPA 1664B		Provisional
RCRA	DRO in water	EPA 8015C		Provisional
RCRA	Aluminum	EPA 6010D		Provisional
RCRA	Antimony	EPA 6010D		Provisional
RCRA	Arsenic	EPA 6010D		Provisional
RCRA	Barium	EPA 6010D		Provisional
RCRA	Beryllium	EPA 6010D		Provisional
RCRA	Cadmium	EPA 6010D		Provisional
RCRA	Calcium	EPA 6010D		Provisional
RCRA	Chromium	EPA 6010D		Provisional
RCRA	Cobalt	EPA 6010D		Provisional
RCRA	Copper	EPA 6010D		Provisional
RCRA	Iron	EPA 6010D		Provisional
RCRA	Lead	EPA 6010D		Provisional
RCRA	Magnesium	EPA 6010D		Provisional
RCRA	Manganese	EPA 6010D		Provisional
RCRA	Molybdenum	EPA 6010D		Provisional
RCRA	Nickel	EPA 6010D		Provisional
RCRA	Potassium	EPA 6010D		Provisional
RCRA	Selenium	EPA 6010D		Provisional
RCRA	Silver	EPA 6010D		Provisional
RCRA	Sodium	EPA 6010D		Provisional
RCRA	Strontium	EPA 6010D		Provisional
RCRA	Thallium	EPA 6010D		Provisional
RCRA	Vanadium	EPA 6010D		Provisional
RCRA	Zinc	EPA 6010D		Provisional
RCRA	Antimony	EPA 1311/ EPA 6010D		Provisional
RCRA	Arsenic	EPA 1311/ EPA 6010D		Provisional
RCRA	Barium	EPA 1311/ EPA 6010D		Provisional
RCRA	Beryllium	EPA 1311/ EPA 6010D		Provisional



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RCRA	Cadmium	EPA 1311/ EPA 6010D		Provisional
RCRA	Chromium	EPA 1311/ EPA 6010D		Provisional
RCRA	Lead	EPA 1311/ EPA 6010D		Provisional
RCRA	Nickel	EPA 1311/ EPA 6010D		Provisional
RCRA	Selenium	EPA 1311/ EPA 6010D		Provisional
RCRA	Silver	EPA 1311/ EPA 6010D		Provisional
RCRA	Zinc	EPA 1311/ EPA 6010D		Provisional
RCRA	Aluminum	EPA 6010D		Provisional
RCRA	Antimony	EPA 6010D		Provisional
RCRA	Arsenic	EPA 6010D		Provisional
RCRA	Barium	EPA 6010D		Provisional
RCRA	Beryllium	EPA 6010D		Provisional
RCRA	Boron	EPA 6010D		Provisional
RCRA	Cadmium	EPA 6010D		Provisional
RCRA	Calcium	EPA 6010D		Provisional
RCRA	Chromium	EPA 6010D		Provisional
RCRA	Cobalt	EPA 6010D		Provisional
RCRA	Copper	EPA 6010D		Provisional
RCRA	Iron	EPA 6010D		Provisional
RCRA	Lead	EPA 6010D		Provisional
RCRA	Lithium	EPA 6010D		Provisional
RCRA	Magnesium	EPA 6010D		Provisional
RCRA	Manganese	EPA 6010D		Provisional
RCRA	Molybdenum	EPA 6010D		Provisional
RCRA	Nickel	EPA 6010D		Provisional
RCRA	Potassium	EPA 6010D		Provisional
RCRA	Selenium	EPA 6010D		Provisional
RCRA	Silver	EPA 6010D		Provisional
RCRA	Sodium	EPA 6010D		Provisional
RCRA	Strontium	EPA 6010D		Provisional
RCRA	Thallium	EPA 6010D		Provisional
RCRA	Tin	EPA 6010D		Provisional
RCRA	Titanium	EPA 6010D		Provisional
RCRA	Vanadium	EPA 6010D		Provisional



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RCRA	Zinc	EPA 6010D		Provisional
Clean Water Acts	Aluminum	EPA 200.7		Provisional
Clean Water Acts	Antimony	EPA 200.7		Provisional
Clean Water Acts	Arsenic	EPA 200.7		Provisional
Clean Water Acts	Barium	EPA 200.7		Provisional
Clean Water Acts	Beryllium	EPA 200.7		Provisional
Clean Water Acts	Boron	EPA 200.7		Provisional
Clean Water Acts	Cadmium	EPA 200.7		Provisional
Clean Water Acts	Calcium	EPA 200.7		Provisional
Clean Water Acts	Chromium	EPA 200.7		Provisional
Clean Water Acts	Cobalt	EPA 200.7		Provisional
Clean Water Acts	Copper	EPA 200.7		Provisional
Clean Water Acts	Iron	EPA 200.7		Provisional
Clean Water Acts	Lead	EPA 200.7		Provisional
Clean Water Acts	Lithium	EPA 200.7		Provisional
Clean Water Acts	Magnesium	EPA 200.7		Provisional
Clean Water Acts	Manganese	EPA 200.7		Provisional
Clean Water Acts	Molybdenum	EPA 200.7		Provisional
Clean Water Acts	Nickel	EPA 200.7		Provisional
Clean Water Acts	Potassium	EPA 200.7		Provisional
Clean Water Acts	Selenium	EPA 200.7		Provisional
Clean Water Acts	Silver	EPA 200.7		Provisional
Clean Water Acts	Sodium	EPA 200.7		Provisional
Clean Water Acts	Strontium	EPA 200.7		Provisional
Clean Water Acts	Thallium	EPA 200.7		Provisional
Clean Water Acts	Tin	EPA 200.7		Provisional
Clean Water Acts	Titanium	EPA 200.7		Provisional
Clean Water Acts	Vanadium	EPA 200.7		Provisional
Clean Water Acts	Zinc	EPA 200.7		Provisional
RCRA	Corrosivity/pH	EPA 9045D		Provisional
Clean Water Acts	pH	EPA 150.1		Provisional
Clean Water Acts	pH	EPA 150.2		Provisional
Clean Water Acts	pH	EPA 9040C		Provisional
RCRA	Sulfide	EPA 9215		Provisional
Clean Water Acts	Sulfide	SM 4500S		Provisional
RCRA	DRO	EPA 8015C		Provisional
RCRA	DRO	EPA 8015		Provisional
RCRA	GRO	EPA 8015		Provisional
RCRA	GRO	EPA 8015		Provisional



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Clean Water Acts	Ammonia as N	ASTM D6919-17		Provisional
RCRA	Nitrate in Water	EPA 9056A		Provisional
RCRA	Nitrite in Water	EPA 9056A		Provisional
RCRA	Phosphate in Water	EPA 9056A		Provisional
RCRA	Total Nitrogen	EPA 9056A		Provisional
RCRA	Chloride in Soil	EPA 9056A		Provisional
RCRA	Fluoride in Soil	EPA 9056A		Provisional
RCRA	Bromide in Soil	EPA 9056A		Provisional
RCRA	Sulfate in Soil	EPA 9056A		Provisional
RCRA	Phosphate in Soil	EPA 9056A		Provisional
RCRA	Nitrate in Soil	EPA 9056A		Provisional
RCRA	TPH in Soil	EPA 9071B		Provisional
RCRA	TPH in Water	EPA 1664B (SGT-HEM)		Provisional
Clean Water Acts	Nitrate in Water	EPA 300.0		Provisional
Clean Water Acts	Nitrite + Nitrate	EPA 300.0		Provisional
Clean Water Acts	Orthophosphate as P	EPA 300.0		Provisional
Clean Water Acts	Total Nitrogen	EPA 300.0		Provisional
Clean Water Acts	Chloride in Soil	EPA 300.0		Provisional
Clean Water Acts	Fluoride in Soil	EPA 300.0		Provisional
Clean Water Acts	Bromide in Soil	EPA 300.0		Provisional
Clean Water Acts	Sulfate in Soil	EPA 300.0		Provisional
Clean Water Acts	Phosphate in Soil	EPA 300.0		Provisional
Clean Water Acts	Nitrate in Soil	EPA 300.0		Provisional
Clean Water Acts	Oil & Grease	EPA 1664B (SGT-HEM)		Provisional
Clean Water Acts	Nitrite as N	EPA 300.0		Provisional