

Lab Information

Also available on: www.ndsu.edu/waterquality

***Certified by the
N.D. Department of Health or EPA**

Pricing is subject to change. Verify prices with laboratory.

Lab Name	Phone Number	Address	Bacteria and Nitrate	Price	Chemistries
Astro Chem Lab Inc.	(701) 572-7355	4102 2nd Ave. W. P.O. Box 972 Williston, ND 58802	Bacteria Colilert method \$25	\$50	Conductivity, residual sodium carbonate, sodium adsorption ratio (SAR), hardness, total dissolved solids (TDS), sodium chloride, calcium*, magnesium, sodium, iron*, potassium, chloride, carbonate, bicarbonate, sulfate, nitrate*, pH* *Others: Alkalinity, filterable residue, copper, manganese, nickel, silver, zinc, barium, arsenic, cadmium, chromium, lead and selenium
Fargo Cass Public Health Environmental Laboratory	(701) 298-6986 (701) 298-6997	435 14th Ave. S. Fargo, ND 58103	Coliform bacteria \$14	\$55	Complete Potable Water: Coliform bacteria*, nitrates*, calcium, sodium*, potassium, iron, manganese*, magnesium, total hardness*
			Nitrates \$13 Both for \$27	\$40	Partial Water Chemistry: Calcium, sodium*, magnesium, potassium, manganese*, iron, total hardness*
				\$75	Complete Water Chemistry: pH*, conductivity, total dissolved solids, turbidity*, iron, calcium, sodium*, magnesium, potassium, manganese*, total hardness*, chloride*, fluoride*, nitrate*, sulfate, P&M alkalinity
				\$40	Irrigation Series: Calcium, magnesium*, sodium*, sodium absorption ratio (SAR), conductivity
			Lead and Copper \$25 Arsenic \$20		Trace Minerals: Lead*, arsenic*, copper*, etc.
					*Others: Alkalinity, dissolved organic carbon, total organic carbon, UV 254, barium, beryllium, cadmium, chromium, nickel, zinc, antimony, selenium, thallium, mercury, bromide, orthophosphate, sulfate
First District Health Unit Laboratory www.fdu.org	(701) 852-1376	801 11th Ave. S.W. P.O. Box 1268 Minot, ND 58702	\$18*	\$20	Chemical Analysis: Conductivity, total dissolved solids, total hardness, iron, manganese, sodium, nitrate.
				\$5	Quantitative Tests: Calcium/magnesium, chloride, chlorine, sulfate, fluoride, potassium, iron, magnesium, nitrates, turbidity, total suspended solids
				\$20	Irrigation Water Quality: Specific conductance @ 25 F, total dissolved solids, hardness, iron, sodium, nitrates, pH
City of Grand Forks Environmental Laboratory www.grandforks.gov.com/gfgov/home.nsf/Pages/Water-Portable-Departments	(701) 746-2595	503 4th St. S. Grand Forks, ND 58201	\$26* Bacteria only		Biology and wet chemistries are available to the public. For more information, contact Andy Job at the number listed.
Minnesota Valley Testing Laboratories Inc. (MVTL) www.mvtl.com	(701) 258-9720	2616 East Broadway Ave. Bismarck, ND 58501	\$33*	\$55	Routine Water Analysis: Conductivity, sodium*, hardness, pH*, iron (total), calcium*, manganese (total)*, magnesium, nitrates*, sodium absorption ratio (SAR), total dissolved solids (TDS)
				\$89	Comprehensive Water Analysis: Routine water analysis plus potassium, alkalinity*, chloride, fluoride*, sulfate
				\$40	Stock Pond Series: Conductivity, sulfate, total dissolved solids (TDS), nitrate*
				\$40	Irrigation Series: Conductivity, sodium*, total dissolved solids (TDS), sodium absorption ratio (SAR), calcium, magnesium
					*Others: Filterable residue, total organic carbon, aluminum, barium, beryllium, boron, cadmium, chromium, molybdenum, nickel, silver, vanadium, zinc, antimony, arsenic, lead, selenium, thallium, uranium, mercury, cyanide

continued

Lab Name	Phone Number	Address	Bacteria and Nitrate	Price	Chemistries
North Dakota Department of Health *Certified by EPA www.ndhealth.gov/lab Call for current pricing Call (701) 328-6142 for a water sampling mailing kit	(701) 328-6140	Chemistry Division 2635 Main Ave. E. Bismarck ND 58501 or P.O. Box 5520 Bismarck, ND 58506	Nitrate* only		Partial Mineral Chemistry: Bicarbonate, calcium, carbonate, conductivity, iron, magnesium, manganese, percent sodium, pH, potassium, sodium, sodium absorption ratio (SAR) Complete Mineral Chemistry: Partial mineral chemistry plus chloride, fluoride, sulfate Lead* and copper* Fluoride *Others: Chloroacetic acid, bromoacetic acid, dichloroacetic acid, dibromoacetic acid, trichloroacetic acid, chloroform, bromoform, dibromochloromethane, dichlorobromomethane, nitrite, nitrate + nitrite, cyanide, fluoride, uranium, antimony, arsenic, barium, beryllium, cadmium, chromium, mercury, selenium, thallium, 2,4,5-TP (silvex), 2,4-D, alachlor, atazine, carbonfuran, chlordane, dibromochloropropane, ethylene dibromide, heptachlor, heptachlor epoxide, lindane, methoxychlor, pentachlorophenol, polychlorinated biphenyls, toxaphene, benzo(a)pyrene, dieldrin, di(2-ethylhexyl) adipate, di(2-ethylhexyl)phthalate, dinoseb, diquat, endosulfan, endrin, glyphosate, hexachlorobenzene, hexachlorocyclopentadiene, oxamyl, picloram, simazine, 1,1,1-trichloroethane, 1,1,2-trichloroethane, 1,1-Dichloroethylene, 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,2-Dichloropropane, 1,4-Dichlorobenzene, benzene, carbon tetrachloride, chlorobenzene, cis-1,2-dichloroethylene, dichloromethane, ethylbenzene, styrene, tetrachloroethylene, toluene, trans-1,2-dichloroethylene, trichloroethylene, vinyl chloride, xylenes (total)
Southwest District Health Unit www.swdhu.org	(701) 483-0171	2869 3rd Ave. W. Dickinson, ND 58601		\$14*	No chemistries at this location

Related Publications

Pub #	Name	Link
AE-1029	It's All In Your Water, Filtration: Sediment, Activated Carbon and Mixed Media	www.ag.ndsu.edu/pubs/h2oqual/twatsys/wq1029.pdf
AE-1031	It's All In Your Water, Softening	www.ag.ndsu.edu/pubs/h2oqual/twatsys/ae1031w.htm
AE-1032	It's All In Your Water, Distillation	www.ag.ndsu.edu/pubs/h2oqual/twatsys/ae1032w.htm
AE-1047	It's All In Your Water, Reverse Osmosis	www.ag.ndsu.edu/pubs/h2oqual/twatsys/ae1047w.htm

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For more information on this and other topics, see www.ag.ndsu.edu

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