DEPARTMENT OF HEALTH

Laboratory Services Program
Chemical Analytical Data for Drinking Water
DOH – L112

Public Health Laboratory
615 E. 4th Street
Pierre, SD 57501-1700
605-773-3368 FAX 605-773-6129
www.state.sd.us/doh/lab/index.htm

Name of Water System: _____ EPA ID #: _____ Phone No. _____

Results to be Returned to: Sample Collector: _____

Name: _____ Street or P.O. Box: _____

City: _____ State: _____ Zip: _____

Payment to be made by (if different than above):

Name: _____ Organization: _____

Address: _____ State: _____ Zip: _____

Date Collected: _____ Time _____ Location of Sampling Tap _____ Well Depth: _____ Date Built: _____

Source Sample: ❑ Well ❑ Lake ❑ Reservoir ❑ Other: _____ Type of Sample: ❑ Raw ❑ Treated ❑ Composite ❑ Entry Point ❑ Distribution System

Source Name(s): _____

Field Temperature: _____ °F _____ °C Field pH: ____ Treatment Processes _____ Comments: _____

Please ✓ Analyses to be Performed.

❑ COMMON IONS PANEL
❑ INORGANIC CHEMICAL PANEL
❑ INORG. CHEM + FLUORIDE
❑ LEAD/COPPER PANEL
❑ RADIOCHEMICAL SCREEN

❑ VOC's (Volatile Organic Chemicals)
❑ THM'S (Trihalomethanes)
❑ TOC

RADIOCHEMICAL

Parameter	Maximum Limit
❑ Gross Alpha	15 pCi/L
❑ Gross Beta	
❑ Radium 226	5 pCi/L
❑ Radium 228	5 pCi/L
❑ Uranium	

❑ Radon in Water

❑ Ortho Phosphate
❑ Ammonia
❑ Fecal Coli form

INORGANIC CHEMICALS

Parameter	Maximum Limit
❑ Aluminum	
❑ Antimony	6 ug/L
❑ Arsenic	50 ug/L
❑ Barium	2000 ug/L
❑ Beryllium	4 ug/L
❑ Cadmium	5 ug/L
❑ Chromium	100 ug/L
❑ Copper	1.3 mg/L
❑ Lead	15 ug/L
❑ Mercury	2 ug/L
❑ Molybdenum	
❑ Nickel	100.0 ug/L
❑ Nitrate	10.0 mg/L
❑ Nitrite	1.0 mg/L
❑ Selenium	50 ug/L
❑ Silver	
❑ Thallium	2 ug/L
❑ Zinc	
❑ Cyanide	200 ug/L

COMMON IONS

Parameter	Suggested Limit
❑ Alkalinity	
❑ Bicarbonate	
❑ Calcium	
❑ Carbonate	
❑ Chloride	250 mg/L
❑ Conductivity @ °C umhos/cm	
❑ Fluoride	4.0 mg/L
❑ Hardness (calculated)	
❑ Iron	0.3 mg/L
❑ Langlier index	
❑ Magnesium	
❑ Manganese	0.5 mg/L
❑ pH	
❑ Potassium	
❑ Sodium	
❑ Solids (Total Dissolved)	500 mg/L
❑ Sulfate	

For Lab Use Only

Condition of Sample: ❑ Clear ❑ Turbid ❑ Suspended Matter ❑ Odor

Temperature when Rec'd: _____ Color _____ Other _____ pH _____

Received by _____ Date _____

Lab Number

(Lab Use Only)