



Water-Data Report 2009

**475234099013800 151-065-30ABBB**

Devils Lake-Sheyenne Basin  
Upper Sheyenne Subbasin

LOCATION.--Lat 47°52'34", long 99°01'38" referenced to North American Datum of 1927, Benson County, ND, Hydrologic Unit 09020202.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water year 2000 to current year (data collected intermittently).

REMARKS.--Water-quality samples collected by Spirit Lake Tribe field personnel.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 1 of 2

[Remark codes: <, less than; E, estimated. Value qualifier codes: @, holding time exceeded; c, see result laboratory comment; n, below the LRL and above the LT-MDL.]

Date	Time	pH, water, unfltrd lab, std units (00403)	Specif. conduc- tance, wat unf lab, μS/cm @ 25 degC (90095)	Dis- solved solids dried @ 180degC wat flt mg/L (70300)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate water, fltrd, mg/L (00945)
Jun 16...	1015	7.5	910	603	95.2	48.5	3.17	32.5	328@c	3.16	.26	14.5	158

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 2 of 2

[Remark codes: <, less than; E, estimated. Value qualifier codes: @, holding time exceeded; c, see result laboratory comment; n, below the LRL and above the LT-MDL.]

Date	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, unfltrd mg/L as P (00665)	Iron, water, fltrd, μg/L (01046)	Mangan- ese, water, fltrd, μg/L (01056)
Jun 16...	.99	E.010n	<.04	<.002	.027	.04	27	12.9