474403096191403 WL15-W3 149N44W08CDAA 03 restore SW water

Lower Red Basin
Red Lake Subbasin

LOCATION.--Lat 47°43'57.59", long 96°19'08.73" referenced to North American Datum of 1983, in NE ¼ SE ¼ SW ¼ sec.8, T.149 N., R.44 W., Polk County, MN, Hydrologic Unit 09020303.

WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 3
[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Gage height, feet (00065)	Turbdty white light, det ang 90+/-30 degrees NTU (63675)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specif. conductance, wat unf lab, µS/cm 25 degC (90095)	Specific conductance, wat unf µS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)
Jun												
20...	1430	Environmental	3.54	1.2	737	13.4	8.7	8.4	418	409	23.5	29.2
20...	*1440*	*Replicate*	*3.54*	*1.4*	*737*	*12.6*	*8.7*	*8.3*	*421*	*412*	*23.5*	*28.6*

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 3
[Remark codes: <, less than; E, estimated.]

Date	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)
Jun													
20...	38.7	21.6	7.64	8.89	170	185	10	12.9	.24	11.6	29.2	304	1.7
20...	*39.0*	*21.6*	*7.72*	*8.97*	*172*	*189*	*10*	*12.9*	*.24*	*11.5*	*29.3*	*298*	*1.7*

474403096191403 WL15-W3 149N44W08CDAA 03 restore SW water—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
Part 3 of 3
[Remark codes: <, less than; E, estimated.]

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, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)	Iron, water, fltrd, µg/L (01046)	Mangan-ese, water, fltrd, µg/L (01056)	Number of sam-pling points, count (00063)	Data base number
Jun											
20...	1.7	<.020	<.06	E.002	.007	.039	.064	37	15.8	1	01
20...	*1.7*	*<.020*	*<.06*	*E.002*	*.007*	*.039*	*.082*	*39*	*15.5*	*1*	*77*