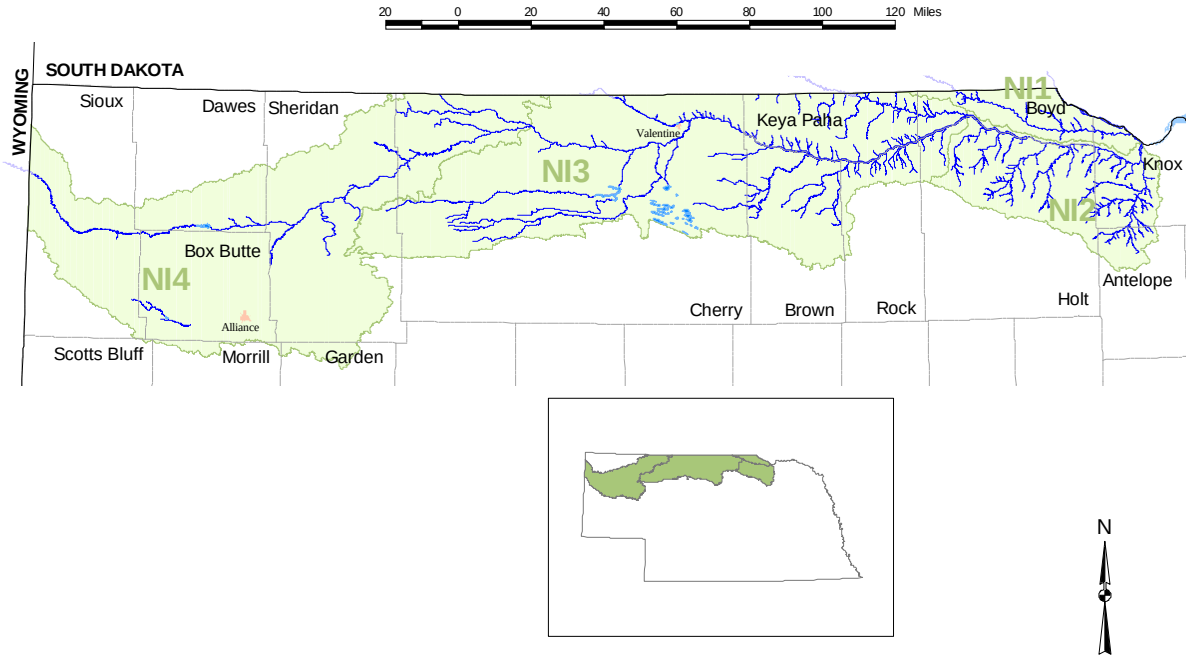


# Niobrara River Basin (and Subbasins)

## Niobrara River Basin – Hydrologic Units 10150001, 10150002, 10150003, 10150004, 10150005, 10150006, 10150007 and 10140203

The Niobrara River Basin includes 269 designated stream segments and 65 designated lakes/reservoirs.

| Waterbody Type | Primary Contact Recreation | Aquatic Life CA[1] | Aquatic Life CB[1] | Aquatic Life WA[1] | Aquatic Life WB[1] | Water Supply – Public Drinking | Water Supply – Ag | Water Supply-Ind. | Aesthetics |
|---|---|---|---|---|---|---|---|---|---|
| Lakes | 65 | 0 | 2 | 63 | 0 | 0 | 65 | 2 | 65 |
| Streams | 53 | 14 | 164 | 15 | 76 | 0 | 269 | 1 | 269 |

[1] CA = Coldwater Class A, CB = Coldwater Class B, WA = Warmwater Class A and WB = Warmwater Class B

**Delisting/ Changes from 2008 IR**

The following are waters and or parameters that were delisted – removed from category 5 or other significant changes from the 2008 IR.

***NI3-L0200: Hackberry Lake, NI3-L0220 Big Alkali Lake, NI3-L0290: Watts Lake and NI3-L0300: West Long Lake –*** These lakes were listed as impaired due to pH in the 2006 Integrated Report and placed in category 4c as naturally alkaline lakes. NDEQ has since modified Title 117 – Nebraska Surface Water Quality Standards to state "Hydrogen Ion concentrations, expressed as pH shall be maintained between 6.5 and 9.0; unless pH values outside this range are due to natural conditions". Chemical and geological data indicate the pH in these lakes is the result of natural conditions. The pH impairment will be delisted and these lakes will be placed in category 2.

***NI3-L0240: Dewey Lake-*** This lake was listed as impaired by pH in the 2008 Integrated Report and placed in category 5 because pH violations were considered an indicator of a nutrient impairment. For the 2010 Integrated Report, EPA and NDEQ agreed to an alternative set of nutrient assessments for this reporting cycle. Following the agreed upon 2010 assessment methodologies, naturally occurring sandhills lakes are not assessed for nutrient impairments. Additionally, chemical and geological data indicate the pH in this lake is the result of natural conditions. Due to the change in assessment procedures and the fact that this lake is supporting all of the assessed beneficial uses the nutrient impairment will be delisted and lake will be placed in category 2.

***NI3-L0270: Pelican Lake-***This lake was listed as impaired due to excessive nutrients in the 2006 Integrated Report. For the 2010 Integrated Report, EPA and NDEQ agreed to an alternative set of nutrient assessments for this reporting cycle. Following the agreed upon 2010 assessment methodologies, naturally occurring sandhills lakes are not assessed for nutrient impairments. Due to the change in assessment procedures the nutrient impairment will be delisted. This waterbody supports all of the assessed beneficial uses and will be placed in category 2.

***NI3-L0370: Round Lake-***This lake was listed as impaired in the 2008 Integrated Report due to elevated pH and excessive conductivity and placed in category 5. It has been determined that both the elevated pH and conductivity in this lake are the results of natural conditions and not anthropogenic pollution. Therefore, this lake will be placed in category 4c.

***NI3-22400: Snake River-***This river was listed as impaired for high pH in the 2008 Integrated Report. The assessment of additional data now shows this river is fully supporting all beneficial uses. The pH impairment will be delisted and this river will now be place in category 1.

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lakes** | | | | | | | | | | | | |
| NI1-L0010 | Hull Lake (WMA) | NA | NA | | NA | | NA | | 3 | | | |
| NI2-L0010 | Creighton Rod and Gun Club Lake | NA | NA | | NA | | NA | | 3 | | | |
| NI2-L0020 | Niobrara State Park Lake No. 1 | NA | NA | | NA | | NA | | 3 | | | |
| NI2-L0030 | Niobrara State Park Lake No. 2 | NA | NA | | NA | | NA | | 3 | | | |
| NI2-L0050 | Grove Sandpit Lake (WMA) | NA | NA | | NA | | NA | | 3 | | | |
| NI2-L0060 | Grove Lake (WMA) | NA | I | | S | | S | I | 5 | Nutrients, High pH | Total phosphorus, Total nitrogen, Chlorophyll a | Fish consumption assessment |
| NI2-L0070 | Spencer Hydro Dam Lake | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0010 | F. Peterson Pond | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0020 | Keller Park Lake No. 1 (SRA) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0030 | Keller Park Lake No. 2 (SRA) | NA | S | | NA | | NA | S | 2 | | | Fish consumption assessment |
| NI3-L0040 | Keller Park Lake No. 3 (SRA) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0050 | Keller Park Lake No. 4 (SRA) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0060 | Keller Park Lake No. 5 (SRA) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0070 | Cub Creek Lake | NA | I | | S | | S | I | 5 | Fish consumption advisory | Hazard index compounds, Mercury | Fish consumption assessment |
| NI3-L0080 | Williams Pond | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0090 | Cornell Dam Lake | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0100 | North Marsh Lake (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0110 | Middle Marsh Lake (Valentine NWR) | NA | S | | S | | S | S | 2 | | | |

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NI3-L0120 | South Marsh Lake (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0130 | East Twin Lake (Valentine NWR) | NA | S | | S | | S | S | 2 | | | |
| NI3-L0140 | Valentine Fish Hatchery Lake | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0150 | Calf Camp Marsh (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0160 | Little Hay Lake (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0170 | Valentine Mill Pond | S | I | | S | | S | I | 5 | Fish consumption advisory, Nutrients | Hazard index compounds, Mercury, Total phosphorus, Total nitrogen, Chlorophyll a | Fish consumption assessment, Lake recently renovated |
| NI3-L0180 | Ballards Marsh (WMA) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0181 | Twenty-one Lake (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0182 | Center Lake (Valentine NWR) | NA | S | | S | | S | S | 2 | | | |
| NI3-L0183 | Lee Lake (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0184 | Pony Lake (Valentine NWR) | NA | S | | S | | S | S | 2 | | | |
| NI3-L0185 | East Sweetwater Lake (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0190 | West Twin Lake (Valentine NWR) | NA | S | | S | | S | S | 2 | | | |
| NI3-L0191 | Round Lake (Tom's Lake) (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NI3-L0192 | Homestead Lake (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0193 | Campbell Lake (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0194 | Lost Lake (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0195 | Dad's Lake (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0196 | Baker Lake (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0200 | Hackberry Lake (Valentine NWR) | NA | S | | S | | S | S | 2 | | | Fish consumption assessment |
| NI3-L0210 | Willow Lake (WMA) | NA | S | | NA | | NA | S | 2 | | | Fish consumption assessment |
| NI3-L0220 | Big Alkali Lake (WMA) | NA | S | | S | | S | S | 2 | | | Fish consumption assessment |
| NI3-L0230 | McKeel Lake (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0240 | Dewey Lake (Valentine NWR) | NA | S | | S | | S | S | 2 | | | |
| NI3-L0250 | School Lake (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0260 | Clear Lake (Valentine NWR) | NA | S | | S | | S | S | 2 | | | |
| NI3-L0270 | Pelican Lake (Valentine NWR) | NA | S | | S | | S | S | 2 | | | Fish consumption assessment |
| NI3-L0280 | Whitewater Lake (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0290 | Watts Lake (Valentine NWR) | NA | S | | S | | S | S | 2 | | | |
| NI3-L0300 | West Long Lake (Valentine NWR) | NA | S | | S | | S | S | 2 | | | |
| NI3-L0310 | Rice Lake (Valentine NWR) | NA | NA | | NA | | NA | | 3 | | | |
| NI3-L0320 | Duck Lake (Valentine NWR) | NA | S | | S | | S | S | 2 | | | |
| NI3-L0330 | Merritt Reservoir | S | I | | S | | S | I | 5 | Fish consumption advisory, High pH | Mercury, Unknown | Fish consumption assessment, Delist nutrients -insufficient data for assessment procedures |

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NI3-L0340 | Cody Lake | NA | S | | NA | | S | S | 2 | | | Fish consumption assessment |
| NI3-L0350 | Shaup Lake | NA | S | | S | | S | S | 2 | | | |
| NI3-L0360 | Medicine Lake | | | | | | | | 3 | | | |
| NI3-L0370 | Round Lake | NA | S | | I | | S | I | 4c | High conductivity | None | Sandhills lakes have naturally elevated conductivity |
| NI3-L0380 | Three Corners Lake | NA | NA | | NA | | NA | | 3 | | | |
| NI4-L0010 | Cottonwood Lake (SRA) | NA | I | | NA | | NA | I | 5 | Fish consumption advisory | Mercury | Fish consumption assessment |
| NI4-L0020 | Shell Lake | NA | I | | NA | | NA | I | 5 | Fish consumption advisory | Mercury | Fish consumption assessment |
| NI4-L0030 | Leistrintz-Meyer Lake | NA | NA | | NA | | NA | | 3 | | | |
| NI4-L0040 | Smith Lake (WMA) | NA | S | | NA | | S | S | 2 | | | Fish consumption assessment |
| NI4-L0050 | Walgren Lake (SRA) | NA | I | | S | | S | I | 5 | Fish consumption advisory | Hazard index compounds, Mercury | Fish consumption assessment |
| NI4-L0060 | Alliance City Lake | NA | NA | | NA | | NA | | 3 | | | |
| NI4-L0070 | Maxwell Pond | NA | NA | | NA | | NA | | 3 | | | |
| NI4-L0080 | Box Butte Reservoir | S | I | | S | | S | I | 5 | Fish consumption advisory | Mercury | Fish consumption assessment |
| NI4-L0090 | Kilpatrick Lake | NA | I | | S | | I | I | 5 | High pH | Unknown | Delist nutrients -insufficient data for assessment procedures |
| **Streams** | | | | | | | | | | | | |
| NI1-10000 | Missouri River | S | S | | S | | S | S | 1 | | | Fish consumption assessment |
| NI1-10100 | Ponca Creek | I | I | | S | | S | I | 5 | E. coli, Selenium | E. coli, Selenium | |

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NI1-10110 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI1-10120 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI1-10130 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI1-10140 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI1-10150 | Whiskey Creek | | NA | | NA | | NA | | 3 | | | |
| NI1-10151 | Silver Creek | | NA | | NA | | NA | | 3 | | | |
| NI1-10160 | Whiskey Creek | | NA | | NA | | NA | | 3 | | | |
| NI1-10170 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI1-10180 | Beaver Creek | NA | NA | | NA | | NA | | 3 | | | |
| NI1-10200 | Ponca Creek | | S | | NA | | NA | S | 2 | | | Aquatic community assessment |
| NI1-10210 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI1-10220 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI1-10230 | Unnamed Creek | | S | | NA | | NA | S | 2 | | | Aquatic community assessment |
| NI1-10240 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI1-10250 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI1-10260 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10000 | Niobrara River | I | I | | S | S | S | I | 5 | E. coli, Fish consumption advisory | E. coli, Hazard Index compounds | E. coli TMDL approved 1/06, Aquatic community and Fish consumption assessment |
| NI2-10100 | Verdigre Creek | I | S | | S | | S | I | 5 | E. coli, Impaired aquatic community | E. coli | Aquatic community assessment |
| NI2-10110 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10120 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10130 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10140 | North Branch Verdigre Creek | NA | NA | | NA | | NA | | 3 | | | |

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NI2-10141 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10142 | Unnamed Creek | | S | | NA | | NA | S | 2 | | | Aquatic community assessment |
| NI2-10143 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10144 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10200 | Verdigre Creek | NA | S | | NA | | NA | S | 2 | | | Aquatic community assessment |
| NI2-10210 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10220 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10221 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10222 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10230 | Middle Branch Verdigre Creek | NA | NA | | NA | | NA | | 3 | | | |
| NI2-10231 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10232 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10233 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10234 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10235 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10236 | Lamb Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10237 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10238 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10239 | Unnamed Creek | | S | | NA | | NA | S | 2 | | | Aquatic community assessment |
| NI2-10240 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10250 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10260 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10270 | Merriman Creek | NA | NA | | NA | | NA | | 3 | | | |

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NI2-10271 | Unnamed Creek | | S | | NA | | NA | S | 2 | | | Aquatic community assessment |
| NI2-10280 | Merriman Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10281 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10290 | Cottonwood Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10300 | South Branch Verdigre Creek | NA | NA | | NA | | NA | | 3 | | | |
| NI2-10310 | East Branch Verdigre Creek | NA | NA | | NA | | NA | | 3 | | | |
| NI2-10311 | Hay Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10320 | East Branch Verdigre Creek | I | S | | S | | S | I | 5 | E. coli | E. coli | |
| NI2-10330 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10340 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10350 | Big Springs Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10351 | Hathoway Slough | | NA | | NA | | NA | | 3 | | | |
| NI2-10352 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10400 | Schindler Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10500 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10600 | Soldier Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10610 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10700 | Pishel Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-10800 | Steel Creek | I | S | | S | | S | I | 5 | E. coli | E. coli | |
| NI2-10810 | Long Gulch | | NA | | NA | | NA | | 3 | | | |
| NI2-10900 | Squaw Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11000 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11100 | Sand Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11200 | Louse Creek | NA | NA | | NA | | NA | | 3 | | | |

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NI2-11300 | Louse Creek | | S | | S | | S | S | 1 | | | All parameters support beneficial uses |
| NI2-11400 | Redbird Creek | NA | NA | | NA | | NA | | 3 | | | |
| NI2-11410 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11420 | Spring Creek | | S | | NA | | NA | S | 2 | | | Aquatic community assessment, ICI score influenced by low water |
| NI2-11430 | Blackbird Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11500 | Redbird Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11510 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11520 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11600 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11700 | Eagle Creek | I | S | | S | | S | I | 5 | E. coli | E. coli | |
| NI2-11710 | Camp Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11720 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11730 | Honey Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11740 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11750 | Oak Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11760 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11770 | East Branch Eagle Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11771 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11772 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11780 | Middle Branch Eagle Creek | NA | S | | NA | | NA | S | 2 | | | Aquatic community assessment, ICI score influenced by low water |
| NI2-11781 | North Branch Eagle Creek | NA | NA | | NA | | NA | | 3 | | | |
| NI2-11781.1 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NI2-11781.2 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11781.3 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11782 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11783 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11784 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11800 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-11900 | Turkey Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-12000 | Brush Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-12010 | Spring Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-12020 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-12030 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-12040 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-12041 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-12100 | Brush Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-12200 | Little Sandy Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-12300 | Big Sandy Creek | NA | NA | | NA | | NA | | 3 | | | |
| NI2-12310 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-12320 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-12330 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-12340 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-12350 | Spring Creek | | NA | | NA | | NA | | 3 | | | |
| NI2-12400 | Big Sandy Creek | NA | NA | | NA | | NA | | 3 | | | |
| NI2-12410 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10000 | Niobrara River | I | S | | S | | S | I | 4a | E. coli | E. coli | E. coli TMDL approved 1/06 |
| NI3-10100 | Keya Paha River | I | S | | S | | S | I | 5 | E. coli | E. coli | Fish consumption assessment |
| NI3-10110 | Morse Creek | | NA | | NA | | NA | | 3 | | | |

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NI3-10111 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10120 | Big Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10130 | Meglin Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10140 | Oak Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10141 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10142 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10150 | Alkali Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10160 | Spotted Tail Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10170 | Coon Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10171 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10180 | Wolf Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10190 | Spring Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10200 | Dry Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10210 | Buffalo Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10211 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10220 | Burton Creek | | S | | NA | | NA | S | 2 | | | Aquatic community assessment |
| NI3-10230 | Lute Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10240 | Jordan Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10250 | Holt Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10251 | East Branch Holt Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10260 | Holt Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10261 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10270 | Timber Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10280 | Cottonwood Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10290 | Lost Creek | | NA | | NA | | NA | | 3 | | | |

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NI3-10300 | Shadley Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10400 | Beaver Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10500 | Clay Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10510 | West Branch Clay Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10600 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10700 | Otter Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10800 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10900 | Simpson Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-10910 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11000 | Big Anne Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11010 | Haughin Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11011 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11100 | Ash Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11110 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11120 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11200 | Oak Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11210 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11220 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11300 | Willow Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11310 | Sand Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11400 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11500 | Rock Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11600 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11700 | West Branch Laughing Water Creek | | NA | | NA | | NA | | 3 | | | |

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NI3-11710 | East Branch Laughing Water Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11720 | Middle Branch Laughing Water Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11800 | Coon Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-11900 | Elk Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-12000 | Wyman Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-12100 | Sand Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-12200 | Long Pine Creek | I | S | | S | | S | S | 4a | E. coli | E. coli | E. coli TMDL approved 1/06* Aquatic community assessment |
| NI3-12210 | Short Pine Creek | | S | | NA | | NA | S | 2 | | | Aquatic community assessment |
| NI3-12220 | Bone Creek | I | I | | S | | S | I | 5 | E. coli, High temperature | E. coli, temperature | Aquatic community assessment |
| NI3-12221 | Sand Draw | | NA | | NA | | NA | | 3 | | | |
| NI3-12222 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-12230 | Bone Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-12300 | Long Pine Creek | NA | NA | | NA | | NA | | 3 | | | |
| NI3-12310 | Willow Creek | | S | | NA | | NA | S | 2 | | | Aquatic community assessment |
| NI3-12400 | Long Pine Creek | I | S | | S | | S | I | 5 | E. coli | E. coli | Fish consumption assessment |
| NI3-12500 | Thomas Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-12600 | Prosser Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-12700 | Jewett Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-12800 | Dutch Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-12900 | Rock Creek | | NA | | NA | | NA | | 3 | | | |

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NI3-12910 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-13000 | Plum Creek | I | S | | S | | S | I | 4a | E. coli | E. coli | E. coli TMDL approved 1/06, Aquatic community assessment |
| NI3-13010 | Little Minnie Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-13020 | Evergreen Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-13021 | Cedar Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-13021.1 | Dry Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-13100 | Plum Creek | I | S | | S | | S | I | 4a | E. coli | E. coli | E. coli TMDL approved 1/06 |
| NI3-13110 | North Branch Plum Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-13111 | Brush Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-13120 | South Branch Plum Creek | | S | | NA | | NA | S | 2 | | | Aquatic community assessment |
| NI3-20000 | Niobrara River | S | S | | S | | S | S | 1 | | | Fish consumption assessment |
| NI3-20100 | Cub Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-20110 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-20200 | Chimney Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-20210 | Unnamed Creek | | S | | NA | | NA | S | 2 | | | Aquatic community assessment |
| NI3-20300 | Turkey Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-20400 | Middle Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-20410 | East Middle Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-20500 | Fairfield Creek | NA | S | | NA | | NA | S | 2 | | | Aquatic community assessment |
| NI3-20510 | South Fork Fairfield Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-20600 | McGill Creek | | NA | | NA | | NA | | 3 | | | |

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NI3-20700 | Muleshoe Creek | | S | | NA | | NA | S | 2 | | | Aquatic community assessment |
| NI3-20800 | Coleman Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-20900 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-21000 | Clapp Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-21100 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-21200 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-21300 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-21400 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-21500 | Crooked Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-21600 | Little Beaver Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-21700 | Big Beaver Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-21800 | Coon Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-21900 | Minnechaduza Creek | I | I | | S | | S | I | 4a,c | E. coli, High Temperature | E. coli, Temperature | E. coli TMDL approved 1/06, Aquatic community assessment |
| NI3-21910 | Spring Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-21920 | Fishberry Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-21930 | Dry Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-22000 | Minnechaduza Creek | NA | NA | | NA | | NA | | 3 | | | |
| NI3-22010 | Bull Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-22100 | Schlagel Creek | NA | NA | | NA | | NA | | 3 | | | |
| NI3-22200 | Gordon Creek | | S | | NA | | NA | S | 2 | | | Aquatic community assessment |
| NI3-22210 | Betsy Creek | | NA | | NA | | NA | | 3 | | | |

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NI3-22300 | Gordon Creek | NA | S | | NA | | NA | S | 2 | | | Aquatic community assessment, ICI score is not representative of water quality conditions |
| NI3-22310 | Arkansas Flats | | NA | | NA | | NA | | 3 | | | |
| NI3-22320 | Sandy Richards Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-22400 | Snake River | S | S | | S | | S | S | 1 | | | Delist pH based on additional data assessments |
| NI3-22500 | Snake River | I | S | | S | | S | I | 4a | E. coli | E. coli | E. coli TMDL approved 1/06 |
| NI3-22510 | Boardman Creek | | S | | NA | | NA | S | 2 | | | Aquatic community assessment, ICI score is not representative of water quality conditions |
| NI3-22511 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-22520 | Clifford Creek | NA | NA | | NA | | NA | | 3 | | | |
| NI3-22521 | Willow Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-22600 | Snake River | | NA | | NA | | NA | | 3 | | | |
| NI3-30000 | Niobrara River | S | S | | S | | S | S | 1 | | | All parameters support beneficial use |
| NI3-30100 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI3-30200 | McCann Canyon | | NA | | NA | | NA | | 3 | | | |
| NI3-30300 | Medicine Creek | | NA | | NA | | NA | | 3 | | | |
| NI4-10000 | Niobrara River | I | S | | S | | S | I | 4a | E. coli | E. coli | E. coli TMDL approved 1/06, Aquatic community assessment |
| NI4-10100 | Bear Creek | NA | NA | | NA | | NA | | 3 | | | |

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NI4-10110 | Dry Creek | NA | S | | NA | | NA | S | 2 | | | Aquatic community assessment, ICI score influenced by low water conditions |
| NI4-10120 | Dry Creek | NA | NA | | NA | | NA | | 3 | | | |
| NI4-10121 | Unnamed Creek | | NA | | NA | | NA | | 3 | | | |
| NI4-10200 | Leander Creek | NA | NA | | NA | | NA | | 3 | | | |
| NI4-10300 | Hay Creek | | NA | | NA | | NA | | 3 | | | |
| NI4-10400 | Antelope Creek | | NA | | NA | | NA | | 3 | | | |
| NI4-10500 | Pole Creek | | NA | | NA | | NA | | 3 | | | |
| NI4-10600 | Rush Creek | | S | | NA | | NA | S | 2 | | | Aquatic community assessment, ICI score influenced by low water conditions |
| NI4-10700 | Deer Creek | NA | NA | | NA | | NA | | 3 | | | |
| NI4-10800 | Pine Creek | NA | S | | S | | S | S | 2 | | | |
| NI4-10900 | Pine Creek | | NA | | NA | | NA | | 3 | | | |
| NI4-11000 | Box Butte Creek | | NA | | NA | | NA | | 3 | | | |
| NI4-20000 | Niobrara River | NA | S | | NA | | NA | S | 2 | | | Aquatic community assessment |
| NI4-20100 | Pepper Creek | | NA | | NA | | NA | | 3 | | | |
| NI4-20200 | Cottonwood Creek | | NA | | NA | | NA | | 3 | | | |
| NI4-20300 | Snake Creek | | NA | | NA | | NA | | 3 | | | |
| NI4-20310 | Spring Creek | | NA | | NA | | NA | | 3 | | | |
| NI4-20320 | North Branch Snake Creek | | NA | | NA | | NA | | 3 | | | |
| NI4-20330 | South Branch Snake Creek | | NA | | NA | | NA | | 3 | | | |
| NI4-30000 | Niobrara River | I | S | | S | | S | I | 5 | E. coli | E. coli | |

| Waterbody ID | Waterbody Name | Recreation | Aquatic Life | Public Drinking Water | Agriculture Water Supply | Industrial Water Supply | Aesthetics | Overall Assessment | 2010 IR | Impairments | Parameters of Concern | Comments/Action |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NI4-40000 | Niobrara River | I | S | | S | | S | I | 5 | E. coli | E. coli | Fish consumption assessment |
| NI4-40100 | Whistle Creek | | NA | | NA | | NA | | 3 | | | |
| NI4-50000 | Niobrara River | NA | S | | NA | | NA | S | 2 | | | Aquatic community assessment |
| | | | | | | | | | | | | |