

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: Eagle and Joos TMDL
Name: Eagle Creek and Joos Valley Creek TMDL
Type: TMDL/303d Projects
Subtype: Implement TMDL
Status: ACTIVE
Start Date: 03/13/2003
End Date: 10/01/2100
Purpose: Eagle and Joos Creeks In Buffalo County, Wisconsin, both streams were listed due to not meeting their potential designated uses. The upper 7 miles of Eagle Creek is identified as currently supporting a warmwater forage fishery (WWFF), but has potential to support a coldwater (Class II) sport fishery. Joos Valley Creek is identified as currently supporting a warmwater forage fishery (WWFF), but has potential to support a coldwater (Class III) sport fishery (WDNR 1990, 1996). Both streams are severely limited by excessive sediment loading, elevated water temperatures and habitat unsuitable to support a coldwater fishery.

Objective: <https://dnrx.wisconsin.gov/swims/editDocument.do?id=41735224&fromURL=/editPlan.do?id=101131507>
 TMDL for Eagle Creek and Joos Valley Creek
 USEPA Decision Document for the Approval of the Eagle Creek Joos Valley Creek Sediment TMDL is documented and the streams have been delisted.

Comments:

Outcome: While the management practices installed in the Eagle and Joos Valley creeks watershed clearly have made improvements in water quality, what wasn't anticipated was the change in the land use related to economic and generational shifts. As many of the watershed's dairy farmers retired, younger family members were not interested in continuing dairy farming. The cows were sold off and about 40% of the farms are now owned by absentee owners who use the farms for hunting and recreation. Those lands are often leased to local farmers for predominantly corn production.

Some of the smaller farms in Buffalo County are converting to less labor-intensive poultry farming. A few dairy farms still pasture cows, but the number of cows in the watershed has substantially decreased. Cows that once roamed woodland pastures on the steeper portions of the watersheds also created soil erosion due to compaction and disturbance of the more erodible soils. Woodland pastureland has been virtually abandoned – which has been extremely beneficial to water quality.

The voluntary removal of a significant number of cows from the landscape may also be an important unintended contributor to water quality improvement. The long-term USGS study supports historical observations that BMPs can and do make a difference in water quality. Those monitoring results support a sense of what are the "right" changes that have been made. Wisconsin's Priority Watershed Program has ended, but the state's investment in the installation of watershed management practices continues to pay off. With time, these changes will bring a healthy trout population back to Eagle and Joos Valley creeks.

Study Design:

QA Measures:

People

| Name | Role | Status | Start Date | End Date | Organization | Comments |
|---------------------|-----------------|--------|------------|------------|---------------|----------|
| KOPERSKI, CYNTHIA A | PROJECT_MANAGER | ACTIVE | 07/01/2006 | 06/30/2007 | Wisconsin DNR | |
| KOPERSKI, CYNTHIA A | COORDINATOR | ACTIVE | 07/01/2006 | 06/30/2007 | Wisconsin DNR | |

Project Statuses

| Date | Reported By | Status | Comments |
|------------|--------------|----------------------------|---|
| 07/15/2014 | Lisa Helmuth | Progress: 75-100% Complete | TMDL Written and approved. Not yet in implementation. |

Actions

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| Action | Detailed Description | Start | End Date | Status |
|-----------------------|---|---------------------|--------------|-----------------|
| TMDL Monitoring | <p>Eagle and Joos Creeks In Buffalo County, Wisconsin, both streams were listed due to not meeting their potential designated uses. The upper 7 miles of Eagle Creek is identified as currently supporting a warmwater forage fishery (WWFF), but has potential to support a coldwater (Class II) sport fishery. Joos Valley Creek is identified as currently supporting a warmwater forage fishery (WWFF), but has potential to support a coldwater (Class III) sport fishery (WDNR 1990, 1996). Both streams are severely limited by excessive sediment loading, elevated water temperatures and habitat unsuitable to support a coldwater fishery. TMDL for Eagle Creek and Joos Valley Creek </p> | 03/13/2003 | 10/01/2010 | COMPLETE |
| Details: | Parameter | Value/Amount | Units | Comments |
| | Total Phosphorus | | | |
| | Total Suspended Solids | | | |
| TMDL (USEPA) Approved | <p>This Total Maximum Daily Load (TMDL) for sediment addresses sedimentation and degraded habitat impairments conditions in the upper 7 miles of Eagle Creek, and the entire 7 mile length of Joos Valley Creek, a tributary of Eagle Creek. The TMDL identifies load allocations and management actions that will restore the biological integrity of these streams. Both streams were identified as a medium priority on the 1998 303(d) list. USEPA Decision Document for the Approval of the Eagle Creek Joos Valley Creek Sediment TMDL is documented and the streams have been delisted.</p> | 03/13/2003 | 03/13/2003 | COMPLETE |
| TMDL Implementation | <p>This Total Maximum Daily Load (TMDL) for sediment addresses sedimentation and degraded habitat impairments conditions in the upper 7 miles of Eagle Creek, and the entire 7 mile length of Joos Valley Creek, a tributary of Eagle Creek. The TMDL identifies load allocations and management actions that will restore the biological integrity of these streams. Both streams were identified as a medium priority on the 1998 303(d) list. USEPA Decision Document for the Approval of the Eagle Creek Joos Valley Creek Sediment TMDL is documented and the streams have been delisted.</p> | 03/13/2003 | 06/30/2007 | IN_PROGRESS |
| | Implementation Plan is needed. | | | |

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| Action | Detailed Description | Start | End Date | Status |
|------------------|---|------------|------------|----------|
| TMDL Development | TMDL Development for Eagle and Joos Valley Creeks addressing sedimentation and degraded habitat impairments conditions. | 03/13/2003 | 03/13/2003 | COMPLETE |

Monitoring Stations

| Station ID | Name | Comments |
|------------|------|----------|
|------------|------|----------|

Assessment Units

| WBIC | Segment | Local Name | Official Name |
|---------|---------|--|---------------------------------|
| 720930 | 1 | Un Lake | Unnamed |
| 720935 | 1 | Un Lake | Unnamed |
| 721000 | 2 | Mississippi (Reach 2) Buffalo-Whitewater - Chippewa River to LD 6 (lower Pool 4 to Pool 6) | Mississippi River |
| 729300 | 1 | Local Water | Unnamed |
| 729500 | 1 | Betsy Slough | Betsy Slough |
| 729600 | 1 | Mississippi Backwater near Eagle Creek confluence | Fountain City Bay |
| 729700 | 1 | Kieselhorse Bay | Kieselhorse Bay |
| 729990 | 1 | Mississippi Backwater near Indian Point Rd. | Indian Point Slough |
| 730100 | 1 | Miss River -Pool No.6 | Spring Lake |
| 730200 | 1 | Mississippi backwater (Probst Lake) | Probst Lake |
| 730300 | 1 | Mississippi backwater (Moseman Slough) | Moseman Slough |
| 730700 | 1 | Big Lake | Big Lake |
| 730800 | 1 | Indian Slough | Indian Slough |
| 731800 | 1 | Lake Pepin | Lake Pepin |
| 1769900 | 1 | Trempealeau River | Trempealeau River |
| 1770200 | 1 | Trempealeau W. Ch. | Trempealeau River -West Channel |
| 1773700 | 1 | Schmitt | Schmitt Creek |
| 1774200 | 1 | Bohris Valley Creek | Unnamed |
| 1774400 | 1 | Heuer Creek | Unnamed |
| 1774700 | 1 | Doelle Creek | Doelle Creek |
| 1774900 | 1 | Keller Creek | Keller Creek |
| 1775700 | 1 | Botana Valley Creek | Unnamed |
| 1776000 | 1 | Swinns Valley Creek | Unnamed |
| 1779300 | 1 | Lewis Vallley Creek | Unnamed |
| 1780500 | 2 | Traverse Valley Creek | Traverse Valley Creek |
| 1781500 | 1 | Local Water | Unnamed |
| 1781800 | 1 | S Trib to Traverse Valley Creek | Unnamed |
| 1783500 | 1 | Sport Valley Creek | Sport Valley Creek |
| 1807570 | 1 | Un Lake | Unnamed |
| 1807600 | 1 | Un Lake | Unnamed |
| 1807650 | 1 | Un Lake | Unnamed |
| 1808000 | 1 | Local Water | Unnamed |
| 1808300 | 1 | Waumandee Creek | Waumandee Creek |
| 1808300 | 2 | Waumandee Creek | Waumandee Creek |
| 1808400 | 1 | Eagle Creek | Eagle Creek |
| 1808400 | 2 | Eagle Creek | Eagle Creek |

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| WBIC | Segment | Local Name | Official Name |
|-------------|----------------|--|------------------------------|
| 1808400 | 3 | Eagle Creek | Eagle Creek |
| 1808900 | 1 | Joos Valley Creek | Unnamed |
| 1809200 | 1 | Mississippi Backwater into Waumandee Creek | Unnamed |
| 1809400 | 1 | Local Water | Unnamed |
| 1809500 | 1 | Mississippi Backwater into Waumandee Creek | Unnamed |
| 1809600 | 1 | Mississippi Backwater into Waumandee Creek | Bensel Pond |
| 1809800 | 1 | Oak Valley Cr | Unnamed |
| 1809900 | 1 | Schoepp Valley Creek | Unnamed |
| 1810100 | 1 | Screechowl Creek | Screechowl Creek |
| 1810200 | 1 | Yeager Valley Creek | Unnamed |
| 1810300 | 1 | Little Waumandee Creek | Little Waumandee Creek |
| 1810300 | 2 | Little Waumandee Creek | Little Waumandee Creek |
| 1810400 | 1 | Florin Valley Creek | Unnamed |
| 1810600 | 1 | Schultz Valley Creek | Unnamed |
| 1810800 | 1 | Jahns Valley Creek | Unnamed |
| 1810900 | 1 | Local Water | Unnamed |
| 1811100 | 1 | Schmidt Valley Creek | Unnamed |
| 1811200 | 1 | Wolf Valley Creek | Unnamed |
| 1811400 | 1 | Irish Valley Creek | Unnamed |
| 1811500 | 1 | Waters Valley Creek | Unnamed |
| 1811900 | 1 | Hesch Valley Creek | Unnamed |
| 1812000 | 1 | Danuser Creek | Danuser Creek |
| 1812100 | 1 | Unnamed Creek 31-4 | Unnamed |
| 1812400 | 1 | Unnamed Creek 28-13 | Unnamed |
| 1812900 | 1 | Unnamed Creek 18-13 | Unnamed |
| 1813000 | 1 | Weiland Valley Creek | Unnamed |
| 1813100 | 1 | Buell Valley Creek | Unnamed |
| 1813500 | 1 | Mississippi backwater (Lizzie Pauls Pond) | Lizzie Pauls Pond |
| 1813600 | 1 | Cochrane Ditch (Rose Valley Cr) | Unnamed |
| 1813600 | 2 | Cochrane Ditch (Rose Valley Cr) | Unnamed |
| 1813900 | 1 | Buffalo River | Buffalo River |
| 1813900 | 4 | Buffalo River | Buffalo River |
| 1814000 | 1 | Iron Creek | Iron Creek |
| 1814100 | 1 | Mill Creek | Mill Creek |
| 1814200 | 1 | Riesch Creek | Riesch Creek |
| 1814200 | 2 | Riesch Creek | Riesch Creek |
| 1814500 | 1 | Fimian Creek | Fimian Creek |
| 1814900 | 1 | Buffalo River-North Channel | Buffalo River -North Channel |
| 1815000 | 1 | Trout Creek | Trout Creek |
| 1815100 | 1 | Local Water | Unnamed |
| 1815400 | 1 | Pine Creek | Pine Creek |
| 1815600 | 1 | Kissel Valley Creek | Unnamed |
| 1815700 | 1 | Buffalo River Channel | Buffalo River -Channel |
| 1815900 | 1 | Hutchinson Creek | Hutchinson Creek |
| 1816200 | 1 | Tamarack Creek | Tamarack Creek |
| 1816200 | 2 | Tamarack Creek | Tamarack Creek |
| 1816200 | 3 | Tamarack Creek | Tamarack Creek |
| 1816300 | 1 | Little Tamarack Creek | Little Tamarack Creek |

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| WBIC | Segment | Local Name | Official Name |
|-------------|----------------|--|--------------------------------|
| 1816700 | 1 | Un Lake | Unnamed |
| 1816900 | 1 | Gilman Valley Creek | Unnamed |
| 1817000 | 1 | Elk Creek | Elk Creek |
| 1817000 | 2 | Elk Creek | Elk Creek |
| 1817100 | 1 | Pratt Creek | Pratt Creek |
| 1817200 | 1 | Hadley Creek | Hadley Creek |
| 1817300 | 1 | Local Water | Unnamed |
| 1817500 | 1 | Elk Creek, South Fork | South Fork Elk Creek |
| 1817500 | 2 | Elk Creek, South Fork | South Fork Elk Creek |
| 1817700 | 1 | Threemile Creek | Threemile Creek |
| 1817900 | 1 | Local Water | Unnamed |
| 1818000 | 1 | Local Water | Unnamed |
| 1818200 | 1 | Kilness Creek | Kilness Creek |
| 1818200 | 2 | Kilness Creek | Kilness Creek |
| 1818300 | 1 | Cooke Valley Creek | Cooke Valley Creek |
| 1818500 | 1 | Local Water | Unnamed |
| 1818900 | 1 | Unnamed Stream | Unnamed |
| 1819300 | 1 | Harvey Creek | Harvey Creek |
| 1819300 | 2 | Harvey Creek | Harvey Creek |
| 1819300 | 3 | Harvey Creek | Harvey Creek |
| 1819300 | 4 | Harvey Creek | Harvey Creek |
| 1819400 | 1 | Holmes Creek | Holmes Creek |
| 1819900 | 1 | Farrington Creek | Farrington Creek -Dugan Valley |
| 1820700 | 1 | Hoyts Creek | Peeso Creek |
| 1820700 | 2 | Hoyts Creek | Peeso Creek |
| 1820900 | 1 | Mirror Lake | Mirror Lake |
| 1821000 | 1 | Brownlee Creek | Brownlee Creek |
| 1822000 | 1 | Armour Creek | Armour Creek |
| 1822000 | 2 | Armour Creek | Armour Creek |
| 1822200 | 1 | Local Water | Unnamed |
| 1822300 | 1 | Naples Creek | Unnamed |
| 1822400 | 1 | Rossman Creek | Rossman Creek |
| 1822600 | 1 | Session Valley Creek | Session Valley Creek |
| 1831400 | 1 | Spring Creek | Spring Creek |
| 1831400 | 2 | Spring Creek | Spring Creek |
| 1831500 | 1 | Deer Creek | Deer Creek |
| 2047500 | 1 | Shively Slough | Shively Slough |
| 2047600 | 1 | By Golly Creek | By Golly Creek |
| 2047700 | 1 | Unnamed Stream | Unnamed |
| 2047800 | 1 | Buffalo Slough | Buffalo Slough |
| 2047900 | 1 | Unnamed Stream | Unnamed |
| 2048000 | 1 | Little Bear Creek | Little Bear Creek |
| 2048000 | 2 | Little Bear Creek | Little Bear Creek |
| 2048000 | 3 | Little Bear Creek | Little Bear Creek |
| 2048100 | 1 | Cascade Valley Ck (6-9) Trib. To Little Bear Ck. | Unnamed |
| 2048100 | 2 | Cascade Valley Creek | Unnamed |
| 2048200 | 1 | Unnamed Stream | Unnamed |
| 2048300 | 1 | Center Creek | Center Creek |

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| WBIC | Segment | Local Name | Official Name |
|-------------|----------------|--|--------------------------------|
| 2048400 | 1 | North Branch Little Bear Creek | North Branch Little Bear Creek |
| 2048400 | 2 | North Branch Little Bear Creek | North Branch Little Bear Creek |
| 2048500 | 1 | Weisenbeck Valley Creek T23n R13w S2 (2-3) | Unnamed |
| 2048600 | 1 | Unnamed Stream | Unnamed |
| 2048700 | 1 | Owen Valley Ck. (31-10) Trib. To North Branch Of Little Be | Unnamed |
| 2048800 | 1 | Norwegian Valley Creek (2-14a) Trib. to Little Bear Creek | Unnamed |
| 2048800 | 2 | Unnamed Stream | Unnamed |
| 2048900 | 1 | Creed (23-3) Trib. To Norwegian Valley Ck. | Unnamed |
| 2049000 | 1 | Unnamed Stream | Unnamed |
| 2049100 | 1 | Little Buffalo Slough | Little Buffalo Slough |
| 2049300 | 1 | Stump Lake | Stump Lake |
| 2049400 | 1 | Spring Creek | Spring Creek |
| 2049400 | 2 | Spring Creek | Spring Creek |
| 2049400 | 3 | Unnamed Stream | Spring Creek |
| 2049500 | 1 | Unnamed Stream | Unnamed |
| 2049600 | 1 | Creek 8-13 (Trib. To Spring Creek) | Unnamed |
| 2049600 | 2 | Unnamed Stream | Unnamed |
| 2049700 | 1 | Unnamed Stream | Unnamed |
| 2049800 | 1 | Unnamed Stream | Unnamed |
| 2049900 | 1 | Unnamed Stream | Unnamed |
| 2050000 | 1 | Chippewa River | Chippewa River |
| 2050700 | 1 | Battle Slough | Battle Slough |
| 2050900 | 1 | Duck Lake | Duck Lake |
| 2050900 | 2 | Duck Lake | Duck Lake |
| 2061900 | 2 | Bear Creek | Bear Creek |
| 2061900 | 3 | Bear Creek | Bear Creek |
| 2062200 | 1 | Newton Valley Creek (Shoe Creek) | Unnamed |
| 2062400 | 1 | Unnamed Cr T24n R12w S5 (5-9) | Unnamed |
| 2062600 | 1 | Tiffany Creek | Tiffany Creek |
| 2062600 | 2 | DUPLICATE | Tiffany Creek |
| 2062700 | 1 | Creek 16-13 (Trib. To Tiffany Ck.) | Unnamed |
| 2062800 | 1 | Unnamed Stream | Unnamed |
| 2062900 | 1 | Prissel Valley Creek (3-5) Trib. To Bear Creek | Unnamed |
| 3000001 | 1 | Un Lake | Unnamed |
| 3000034 | 1 | Local Water | Unnamed |
| 3000036 | 1 | Local Water | Unnamed |
| 3000257 | 1 | Unnamed Lake | Unnamed |
| 5015991 | 1 | Unnamed Stream | Unnamed |
| 5016030 | 1 | Unnamed Stream | Unnamed |
| 5016089 | 1 | Unnamed Stream | Unnamed |
| 5016150 | 1 | Unnamed Stream | Unnamed |
| 5016151 | 1 | Unnamed Stream | Unnamed |
| 5016173 | 1 | Unnamed Stream | Unnamed |
| 5016203 | 1 | Unnamed Stream | Unnamed |
| 5016236 | 1 | Unnamed Stream | Unnamed |
| 5016241 | 1 | Unnamed Stream | Unnamed |

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| WBIC | Segment | Local Name | Official Name |
|-------------|----------------|-------------------|----------------------|
| 5016299 | 1 | Unnamed Stream | Unnamed |
| 5016325 | 1 | Unnamed Stream | Unnamed |
| 5016328 | 1 | Unnamed Stream | Unnamed |
| 5016353 | 1 | Unnamed Stream | Unnamed |
| 5016359 | 1 | Unnamed Stream | Unnamed |
| 5016364 | 1 | Unnamed Stream | Unnamed |
| 5016372 | 1 | Unnamed Stream | Unnamed |
| 5016373 | 1 | Unnamed Stream | Unnamed |
| 5016476 | 1 | Unnamed Stream | Unnamed |
| 5016523 | 1 | Unnamed Stream | Unnamed |
| 5016537 | 1 | Unnamed Stream | Unnamed |
| 5016541 | 1 | Unnamed Stream | Unnamed |
| 5016547 | 1 | Unnamed Stream | Unnamed |
| 5016550 | 1 | Unnamed Stream | Unnamed |
| 5016551 | 1 | Unnamed Stream | Unnamed |
| 5016568 | 1 | Unnamed Stream | Unnamed |
| 5016574 | 1 | Unnamed Stream | Unnamed |
| 5016591 | 1 | Unnamed Stream | Unnamed |
| 5016619 | 1 | Unnamed Stream | Unnamed |
| 5016621 | 1 | Unnamed Stream | Unnamed |
| 5016623 | 1 | Unnamed Stream | Unnamed |
| 5016662 | 1 | Unnamed Stream | Unnamed |
| 5016706 | 1 | Unnamed Stream | Unnamed |
| 5016708 | 1 | Unnamed Stream | Unnamed |
| 5016711 | 1 | Unnamed Stream | Unnamed |
| 5016746 | 1 | Unnamed Stream | Unnamed |
| 5016751 | 1 | Unnamed Stream | Unnamed |
| 5016776 | 1 | Unnamed Stream | Unnamed |
| 5016782 | 1 | Unnamed Stream | Unnamed |
| 5016815 | 1 | Unnamed Stream | Unnamed |
| 5016816 | 1 | Unnamed Stream | Unnamed |
| 5016823 | 1 | Unnamed Stream | Unnamed |
| 5016836 | 1 | Unnamed Stream | Unnamed |
| 5016838 | 1 | Unnamed Stream | Unnamed |
| 5016849 | 1 | Unnamed Stream | Unnamed |
| 5016898 | 1 | Unnamed Stream | Unnamed |
| 5016914 | 1 | Unnamed Stream | Unnamed |
| 5016915 | 1 | Unnamed Stream | Unnamed |
| 5016950 | 1 | Unnamed Stream | Unnamed |
| 5016955 | 1 | Unnamed Stream | Unnamed |
| 5016959 | 1 | Unnamed Stream | Unnamed |
| 5016980 | 1 | Unnamed Stream | Unnamed |
| 5016988 | 1 | Unnamed Stream | Unnamed |
| 5016998 | 1 | Unnamed Stream | Unnamed |
| 5017001 | 1 | Unnamed Stream | Unnamed |
| 5017018 | 1 | Unnamed Stream | Unnamed |
| 5017020 | 1 | Unnamed Stream | Unnamed |
| 5017023 | 1 | Unnamed Stream | Unnamed |

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| WBIC | Segment | Local Name | Official Name |
|-------------|----------------|-------------------|----------------------|
| 5017067 | 1 | Unnamed Stream | Unnamed |
| 5017079 | 1 | Unnamed Stream | Unnamed |
| 5017082 | 1 | Unnamed Stream | Unnamed |
| 5017129 | 1 | Unnamed Stream | Unnamed |
| 5017140 | 1 | Unnamed Stream | Unnamed |
| 5017152 | 1 | Unnamed Stream | Unnamed |
| 5017160 | 1 | Unnamed Stream | Unnamed |
| 5017193 | 1 | Unnamed Stream | Unnamed |
| 5017195 | 1 | Unnamed Stream | Unnamed |
| 5017198 | 1 | Unnamed Stream | Unnamed |
| 5017201 | 1 | Unnamed Stream | Unnamed |
| 5017203 | 1 | Unnamed Stream | Unnamed |
| 5017204 | 1 | Unnamed Stream | Unnamed |
| 5017218 | 1 | Unnamed Stream | Unnamed |
| 5017226 | 1 | Unnamed Stream | Unnamed |
| 5017241 | 1 | Unnamed Stream | Unnamed |
| 5017253 | 1 | Unnamed Stream | Unnamed |
| 5017253 | 2 | Unnamed Stream | Unnamed |
| 5017291 | 1 | Unnamed Stream | Unnamed |
| 5017326 | 1 | Unnamed Stream | Unnamed |
| 5017332 | 1 | Unnamed Stream | Unnamed |
| 5017370 | 1 | Unnamed Stream | Unnamed |
| 5017390 | 1 | Unnamed Stream | Unnamed |
| 5017410 | 1 | Unnamed Stream | Unnamed |
| 5017413 | 1 | Unnamed Stream | Unnamed |
| 5017414 | 1 | Unnamed Stream | Unnamed |
| 5017425 | 1 | Unnamed Stream | Unnamed |
| 5017432 | 1 | Unnamed Stream | Unnamed |
| 5017445 | 1 | Unnamed Stream | Unnamed |
| 5017478 | 1 | Unnamed Stream | Unnamed |
| 5017535 | 1 | Unnamed Stream | Unnamed |
| 5017655 | 1 | Unnamed Stream | Unnamed |
| 5017761 | 1 | Unnamed Stream | Unnamed |
| 5017837 | 1 | Unnamed Stream | Unnamed |
| 5017843 | 1 | Unnamed Stream | Unnamed |
| 5017864 | 1 | Unnamed Stream | Unnamed |
| 5017916 | 1 | Unnamed Stream | Unnamed |
| 5017923 | 1 | Unnamed Stream | Unnamed |
| 5017944 | 1 | Unnamed Stream | Unnamed |
| 5017947 | 1 | Unnamed Stream | Unnamed |
| 5017962 | 1 | Unnamed Stream | Unnamed |
| 5017968 | 1 | Unnamed Stream | Unnamed |
| 5017984 | 1 | Unnamed Stream | Unnamed |
| 5018025 | 1 | Unnamed Stream | Unnamed |
| 5018081 | 1 | Unnamed Stream | Unnamed |
| 5018084 | 1 | Unnamed Stream | Unnamed |
| 5018094 | 1 | Unnamed Stream | Unnamed |
| 5018121 | 1 | Unnamed Stream | Unnamed |

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|-------------|----------------|-----------------------------|----------------------|
| 5018155 | 1 | Unnamed Stream | Unnamed |
| 5018158 | 1 | Unnamed Stream | Unnamed |
| 5018165 | 1 | Unnamed Stream | Unnamed |
| 5018223 | 1 | Unnamed Stream | Unnamed |
| 5018242 | 1 | Unnamed Stream | Unnamed |
| 5018298 | 1 | Unnamed Stream | Unnamed |
| 5018303 | 1 | Unnamed Stream | Unnamed |
| 5018307 | 1 | Unnamed Stream | Unnamed |
| 5018339 | 1 | Unnamed Stream | Unnamed |
| 5018350 | 1 | Unnamed Stream | Unnamed |
| 5018351 | 1 | Unnamed Stream | Unnamed |
| 5018416 | 1 | Unnamed Stream | Unnamed |
| 5018430 | 1 | Unnamed Stream | Unnamed |
| 5018447 | 1 | Unnamed Stream | Unnamed |
| 5018458 | 1 | Unnamed Stream | Unnamed |
| 5018459 | 1 | Unnamed Stream | Unnamed |
| 5018496 | 1 | Unnamed Stream | Unnamed |
| 5018514 | 1 | Unnamed Stream | Unnamed |
| 5018515 | 1 | Unnamed Stream | Unnamed |
| 5018518 | 1 | Unnamed Stream | Unnamed |
| 5018538 | 1 | Unnamed Stream | Unnamed |
| 5018585 | 1 | Unnamed Stream | Unnamed |
| 5018643 | 1 | Unnamed Stream | Unnamed |
| 5018718 | 1 | Unnamed Stream | Unnamed |
| 5018749 | 1 | Unnamed Stream | Unnamed |
| 5018754 | 1 | Unnamed Stream | Unnamed |
| 5018763 | 1 | Unnamed Stream | Unnamed |
| 5018854 | 1 | Unnamed Stream | Unnamed |
| 5018925 | 1 | Unnamed Stream | Unnamed |
| 5018938 | 1 | Unnamed Stream | Unnamed |
| 5019021 | 1 | Unnamed Stream | Unnamed |
| 5019033 | 1 | Unnamed Stream | Unnamed |
| 5019088 | 1 | Unnamed Stream | Unnamed |
| 5019909 | 1 | Local Water | Unnamed |
| 5022082 | 1 | Unnamed Trib to Eagle Creek | Unnamed |
| 5544165 | 1 | Local Water | Unnamed |
| 5544385 | 1 | Local Water | Unnamed |
| 5544769 | 1 | Local Water | Unnamed |
| 5545304 | 1 | Local Water | Unnamed |
| 5546173 | 1 | Local Water | Unnamed |
| 5546244 | 1 | Local Water | Unnamed |
| 5546692 | 1 | Unnamed Lake | Unnamed |
| 5546953 | 1 | Local Water | Unnamed |
| 5547149 | 1 | Local Water | Unnamed |
| 5547264 | 1 | Unnamed Lake | Unnamed |
| 5547344 | 1 | Local Water | Unnamed |
| 5547465 | 1 | Unnamed | Unnamed |
| 5547850 | 1 | Local Water | Unnamed |

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| WBIC | Segment | Local Name | Official Name |
|-------------|----------------|-------------------|----------------------|
| 5547889 | 1 | Local Water | Unnamed |
| 5548396 | 1 | Local Water | Unnamed |
| 5548462 | 1 | Local Water | Unnamed |
| 5548570 | 1 | Local Water | Unnamed |
| 5549037 | 1 | Local Water | Unnamed |
| 5549044 | 1 | Local Water | Unnamed |
| 5549057 | 1 | Local Water | Unnamed |
| 5549228 | 1 | Local Water | Unnamed |
| 5549362 | 1 | Local Water | Unnamed |
| 5549468 | 1 | Local Water | Unnamed |
| 5549627 | 1 | Local Water | Unnamed |
| 5549638 | 1 | Local Water | Unnamed |
| 5551798 | 1 | Local Water | Unnamed |
| 5553132 | 1 | Local Water | Unnamed |
| 5553339 | 1 | Local Water | Unnamed |
| 5553426 | 1 | Local Water | Unnamed |
| 5553522 | 1 | Local Water | Unnamed |
| 5553604 | 1 | Local Water | Unnamed |
| 5554190 | 1 | Local Water | Unnamed |
| 5554221 | 1 | Local Water | Unnamed |
| 5554347 | 1 | Local Water | Unnamed |
| 5554418 | 1 | Local Water | Unnamed |
| 5554483 | 1 | Local Water | Unnamed |
| 5555908 | 1 | Local Water | Unnamed |
| 5556036 | 1 | Local Water | Unnamed |
| 5556234 | 1 | Local Water | Unnamed |
| 5556314 | 1 | Unnamed | Unnamed |
| 5556344 | 1 | Bartlet Lake | Bartlet Lake |
| 5556379 | 1 | Unnamed Lake | Unnamed |
| 5556621 | 1 | Unnamed | Unnamed |
| 5556756 | 1 | Unnamed Lake | Unnamed |
| 5556965 | 1 | Local Water | Unnamed |
| 5557112 | 1 | Unnamed Lake | Unnamed |
| 5557163 | 1 | Unnamed Lake | Unnamed |
| 5558051 | 1 | Unnamed Lake | Unnamed |
| 5582111 | 1 | Unnamed Lake | Unnamed |
| 5582113 | 1 | Unnamed Lake | Unnamed |
| 5582235 | 1 | Local Water | Unnamed |
| 5582254 | 1 | Unnamed | Unnamed |
| 5582338 | 1 | Unnamed Lake | Unnamed |
| 5584670 | 1 | Unnamed | Unnamed |
| 5584818 | 1 | Local Water | Unnamed |
| 5585034 | 1 | Local Water | Unnamed |
| 5585046 | 1 | Local Water | Unnamed |
| 5585053 | 1 | Local Water | Unnamed |
| 5585054 | 1 | Local Water | Unnamed |
| 5585058 | 1 | Local Water | Unnamed |

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| WBIC | Segment | Local Name | Official Name |
|---------|---------|--------------|---------------|
| 5585084 | 1 | Unnamed Lake | Unnamed |
| 5589764 | 1 | Unnamed Lake | Unnamed |
| 5589769 | 1 | Local Water | Unnamed |
| 5589774 | 1 | Unnamed Lake | Unnamed |
| 5589777 | 1 | Unnamed Lake | Unnamed |
| 5589778 | 1 | Unnamed Lake | Unnamed |
| 5589779 | 1 | Unnamed Lake | Unnamed |
| 5589781 | 1 | Unnamed Lake | Unnamed |
| 5589782 | 1 | Unnamed Lake | Unnamed |
| 5589783 | 1 | Unnamed Lake | Unnamed |
| 5589785 | 1 | Unnamed Lake | Unnamed |
| 5589818 | 1 | Unnamed Lake | Unnamed |
| 5589819 | 1 | Unnamed Lake | Unnamed |
| 5589831 | 1 | Unnamed | Unnamed |

Lab Account Codes

| Account Code | Description | Start Date | End Date |
|--------------|-------------|------------|----------|
|--------------|-------------|------------|----------|

Forms

| Form Code | Form Name |
|-----------|-----------|
|-----------|-----------|

Methods

| Method Code | Description |
|-------------|-------------|
|-------------|-------------|

Fieldwork Events

| Start Date | Status | Field ID | Station ID | Station Name |
|------------|--------|----------|------------|--------------|
|------------|--------|----------|------------|--------------|

Documents

| Title | Description | Author | Published | Comments |
|--|---|--|------------|----------|
| Eagle Creek 1808400 Impaired Waters Listing Documentation 2002 | Data Documentation Eagle Creek, Impaired Waters Delisting Documentation, Buffalo County | Flicek, Chris | 03/04/2002 | |
| Eagle Creek 1808400 Impaired Waters Listing Documentation 2008 | Data Documentation | Mark Hazuga | 01/28/2008 | |
| Eagle Creek 1808400 and Joos Valley Creek 1808900 Sediment TMDL | Final TMDL Report | WDNR WES, Tmdl Swat Team | 12/18/2002 | |
| Eagle Creek WBIC 1808400 TP Report 2012 | Condition Assessment Report | Aaron Larson | 07/06/2011 | |
| Effects of Best Management Practices in Eagle and Joos Valley Creeks in the Waumandee Creek Priority Watershed, Wisconsin, 1990-2007 | | David J. Graczyk, et al. | 01/01/2010 | |
| Effects of Best-Management Practices in Eagle and Joos Valley Creeks...1990-2007 | | David J. Graczyk, John F. Walker, Roger T. Bannerman, and Troy D. Rutter | 03/01/2012 | |

Wisconsin Department of Natural Resources SWIMS Project Summary

| Title | Description | Author | Published | Comments |
|---|--|---------------|------------|----------|
| Joos Valley Creek 1808900 Impaired Waters Listing Documentation 2002 | Data Documentation Joos Valley Impaired Waters Listing Documentation, Buffalo County | Flicek, Chris | 03/04/2002 | |
| Joos Valley Creek 1808900 Impaired Waters Listing Documentation 2008 | Data Documentation | Mark Hazuga | | |
| Joos Valley Creek WBIC 1808900 TP Report 2012 | Condition Assessment Report | Aaron Larson | 07/06/2011 | |
| Joos Valley and Eagle Creeks Success Story | | Riley, Julia | 02/18/2012 | |
| Summary of data used to support Eagle Creek delisting | Assessment documentation | Ruth Person | 03/09/2012 | |
| USEPA Decision Document for the Approval of the Eagle Creek Joos Valley Creek Sediment TMDL | Waumandee Priority Watershed Project | WDNR WES | 04/03/2008 | |

Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

| Organization | Source | Type | Amount | Start Date | End Date |
|--------------|--------|------|--------|------------|----------|
|--------------|--------|------|--------|------------|----------|