

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

Introduction to the Process Transparency Document

(For a full description of the process for assessing water quality in Minnesota under the Clean Water Act, see “Guidance Manual for Assessing the Quality of Minnesota Surface Waters”, MPCA, January, 2004. This document is available from the MPCA or to read and download from the MPCA Web site at: <http://www.pca.state.mn.us/publications/manuals/tmdl-guidancemanual04.pdf>)

In general, the assessment process compares monitoring data with applicable water quality standards by stream reach. The Professional Judgment Group is composed of assessment staff who know how the preliminary assessments were done, and monitoring staff who advise on the correct interpretation of monitoring data collected by them or their organization.

The stream assessment Process Transparency Document is designed to provide both a template for considering preliminary assessments at the major river basin Professional Judgment Group (PJG) meetings, and also to provide an enduring record of any special factors discussed or involved in making an assessment on a stream reach.

This document builds on two technical reports, a Data Summary Report and a Preliminary Assessment Report, which are produced in an automated manner using the assessment methodology described in the guidance document referenced above. Often, the application of the methodology produces an assessment that is reviewed without additional comment. When additional factors must be considered, or additional review is performed, or recommendations are made, these are noted on the Process Transparency Document, along with significant comments that reinforce or pertain to the assessment for the reach.

Use the “find” capability when using this document in electronic format to find a particular AUID or stream name. The order of the notes varies according to how they were used in the PJG meeting.

Abbreviation Key:

AUID	Assessment Unit Identification Code – incorporates the 8-digit HUC (ie. 07020001 517)
NS	Non-supporting
FS	Fully-supporting
PS	Partially-supporting
NA	Not Assessed
IAR	Integrated Assessment Reporting

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HUC AUID Seg Miles Reach Name Reach Description
07010101 501 004 10.05 Mississippi R Vermillion R to Blackwater/Pokegama Lk
Aquatic life—preliminary assessment PS Final assessment PS Based on Dissolved Oxygen
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions potentially affected by natural wetland influence
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Fair
Fish consumption use NA
1998 TMDL listing (Y/N) Y Which pollutants DO
2002 TMDL listing (Y/N) Y Which pollutants DO
2004 Impairment (4 or 5) (Y/N) Y Which pollutants DO
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010101 504 033 54.66 Mississippi R Headwaters to Schoolcraft R
Aquatic life—preliminary assessment PS Final assessment PS Based on Dissolved Oxygen
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions potentially affected by natural wetland influence
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Fair
Fish consumption use NA
1998 TMDL listing (Y/N) Y Which pollutants DO
2002 TMDL listing (Y/N) Y Which pollutants DO
2004 Impairment (4 or 5) (Y/N) Y Which pollutants DO
Delisting status (if applicable) _____
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Additional Comments **note high # of NO2NO3 exceedances of criteria.**

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HUC AUID Seg Miles Reach Name Reach Description
07010101 507 019 10.42 Mississippi R Cass Lk to Lk Winnibigoshish

Aquatic life—preliminary assessment FS Final assessment FS Based on _____

AQL assessment quality (Excellent, good, fair, poor) Good*

Factors used, please describe

A. Timing of exceedances _____

B. Magnitude of exceedances _____

C. Seasonality of exceedances _____

D. Naturally occurring conditions _____

E. Combination of narrative and numeric standards _____

F. Known point and nonpoint influences in the watershed _____

G. Additional data _____

Aquatic recreation use—preliminary assessment FS Final assessment FS

Aquatic recreation assessment quality (Excellent, good, fair, poor) Fair

Fish consumption use NA

1998 TMDL listing (Y/N) N Which pollutants _____

2002 TMDL listing (Y/N) N Which pollutants _____

2004 Impairment (4 or 5) (Y/N) N Which pollutants _____

Delisting status (if applicable) _____

IAR category 2

Additional Comments *based on older Forest Service dataset in STORET and we are missing Service input on data use for this purpose.

HUC AUID Seg Miles Reach Name Reach Description
07010101 508 032 2.03 Mississippi R Schoolcraft R to Lake Bemidji

Aquatic life—preliminary assessment FS Final assessment FS Based on _____

AQL assessment quality (Excellent, good, fair, poor) Good*

Factors used, please describe

A. Timing of exceedances _____

B. Magnitude of exceedances _____

C. Seasonality of exceedances _____

D. Naturally occurring conditions _____

E. Combination of narrative and numeric standards _____

F. Known point and nonpoint influences in the watershed _____

G. Additional data _____

Aquatic recreation use—preliminary assessment FS Final assessment FS

Aquatic recreation assessment quality (Excellent, good, fair, poor) Fair

Fish consumption use NA

1998 TMDL listing (Y/N) N Which pollutants _____

2002 TMDL listing (Y/N) N Which pollutants _____

2004 Impairment (4 or 5) (Y/N) N Which pollutants _____

Delisting status (if applicable) _____

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Additional Comments _____

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HUC AUID Seg Miles Reach Name Reach Description
07010101 509 034 34.22 Schoolcraft R Headwaters to Mississippi R
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Excellent
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010101 510 025 45.79 Turtle R Headwaters to Cass Lk
Aquatic life—preliminary assessment NS Final assessment NA Based on inadequate info*
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) _____ Which pollutants _____
2002 TMDL listing (Y/N) _____ Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments *long reach with a number of lakes within the reach and we have inadequate communication with the project that originated the dataset

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HUC AUID Seg Miles Reach Name Reach Description
07010101 512 na 3.77 Mississippi R Lk Bemidji to Stump Lk
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Fair
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010101 513 527 5.95 Mississippi R Stump Lk to Wolf Lk
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Good
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
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HUC AUID Seg Miles Reach Name Reach Description
07010101 526 017 18.66 Third R Headwaters to Lk Winnibigoshish
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010101 573 na 5.39 Birch Cr Lk Hattie Outlet to Schoolcraft R
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

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HUC AUID Seg Miles Reach Name Reach Description
07010101 581 na 6.89 Moose Cr Unnamed Cr to Third R

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA

1998 TMDL listing (Y/N) Which pollutants _____
2002 TMDL listing (Y/N) Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2

Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010101 609 na 2.59 Simpson Cr Headwaters to Little Cut Foot Sioux Lk

Aquatic life—preliminary assessment FS ? Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA

1998 TMDL listing (Y/N) Which pollutants _____
2002 TMDL listing (Y/N) Which pollutants _____
2004 Impairment (4 or 5) (Y/N) Which pollutants _____
Delisting status (if applicable) _____
IAR category _____

Additional Comments * Forest Service dataset, insufficient data for assessment

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HUC AUID Seg Miles Reach Name Reach Description
07010101 618 na 1.37 Island Lk Cr Island Lk to Hansen Lk Outlet

Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010101 909 na na Unknown See NFS Station

Aquatic life—preliminary assessment NA Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment NA*
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) _____ Which pollutants _____
2002 TMDL listing (Y/N) _____ Which pollutants _____
2004 Impairment (4 or 5) (Y/N) _____ Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments _____ *** Forest Service dataset, insufficient data for assessment**

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HUC AUID Seg Miles Reach Name Reach Description
07010101 911 na na Unknown See NFS Station

Aquatic life—preliminary assessment FS ? Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment NA*
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) Which pollutants _____
2002 TMDL listing (Y/N) Which pollutants _____
2004 Impairment (4 or 5) (Y/N) Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments * **Forest Service dataset, insufficient data for assessment**

HUC AUID Seg Miles Reach Name Reach Description
07010102 505 019* 6.94 Bungashing Cr End of trout stream portion to Necktie R

Aquatic life—preliminary assessment FS Final assessment FS Based on
AQL assessment quality (Excellent, good, fair, poor) **Good**
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category **2**
Additional Comments _____

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HUC AUID Seg Miles Reach Name Reach Description
07010102 513 001 7.26 Leech Lk R Bear R to Mississippi R

Aquatic life—preliminary assessment NS Final assessment NS Based on Dissolved Oxygen
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions - **large natural wild rice bed inflow; almost certainly natural.**
DO is good upstream of the wild rice bed.
E. Combination of narrative and numeric standards _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Fair
Fish consumption use NA
1998 TMDL listing (Y/N) Which pollutants _____
2002 TMDL listing (Y/N) Which pollutants _____
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Low Dissolved Oxygen
Delisting status (if applicable) _____
IAR category 4d
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010102 520 030 8.37 Boy R Inguandona Lk to Boy Lk

Aquatic life—preliminary assessment FS Final assessment FS Based on
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

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HUC AUID Seg Miles Reach Name Reach Description
07010103 501 002 27.42 Mississippi R Sandy R to Willow R

Aquatic life—preliminary assessment PS Final assessment PS Based on Turbidity
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed Indications that turbidity levels are influences by dam operations.
G. Additional data _____

Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Fair

Fish consumption use NS

1998 TMDL listing (Y/N) Y Which pollutants Turbidity, mercury
2002 TMDL listing (Y/N) Y Which pollutants Turbidity, mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Turbidity, mercury
Delisting status (if applicable) _____
IAR category 5
Additional Comments Recommend additional turbidity monitoring

HUC AUID Seg Miles Reach Name Reach Description
07010103 502 023 23.1 Mississippi R Prairie R to Split Hand Cr

Aquatic life—preliminary assessment PS Final assessment PS Based on Turbidity
AQL assessment quality (Excellent, good, fair, poor) Excellent

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Excellent

Fish consumption use NS

1998 TMDL listing (Y/N) Y Which pollutants Turbidity, Mercury
2002 TMDL listing (Y/N) Y Which pollutants Turbidity, Mercury FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Turbidity, Mercury FCA,
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

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HUC AUID Seg Miles Reach Name Reach Description
07010103 503 131 2.85 Mississippi R Grand Rapids dam to Prairie R

Aquatic life—preliminary assessment PS Final assessment PS Based on Dissolved Oxygen
AQL assessment quality (Excellent, good, fair, poor) Excellent
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data being collected by PCA-Brainerd staff to confirm validity of impairment listing
Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Poor
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants DO
2002 TMDL listing (Y/N) Y Which pollutants DO, Mercury FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants DO, Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments Recommend additional DO measurements during similar flow and dam setting conditions as original exceedances.

HUC AUID Seg Miles Reach Name Reach Description
07010103 504 003 1.22 Sandy R Big Sandy Lk to Mississippi R

Aquatic life—preliminary assessment FS Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) _____ Which pollutants _____
2002 TMDL listing (Y/N) _____ Which pollutants _____
2004 Impairment (4 or 5) (Y/N) _____ Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments *dataset too small for conclusive assessment

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HUC AUID Seg Miles Reach Name Reach Description
07010103 505 012 31.73 Mississippi R Swan R to Sandy R

Aquatic life—preliminary assessment FS ? Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments *not enough range of basic chemical or biological measures to present an assessment; no exceedances on any of the metals analyzed

HUC AUID Seg Miles Reach Name Reach Description
07010103 506 013 65.71 Swan R Swan Lk to Mississippi R

Aquatic life—preliminary assessment PS Final assessment PS Based on Dissolved Oxygen
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment PS Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA, low dissolved oxygen
Delisting status (if applicable) _____
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HUC AUID Seg Miles Reach Name Reach Description
07010103 508 024 7.46 Prairie R Prairie Lk to Mississippi R

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Fair
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Poor
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010103 510 231 3.38 Mississippi R Cohasset dam to Grand Rapids Dam

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Fair
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Fair
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

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HUC AUID Seg Miles Reach Name Reach Description
07010103 512 005 30.87 Sandy R Headwaters to Sandy Lk

Aquatic life—preliminary assessment FS Final assessment NA* Based on ___
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed ditching in extensive wetlands raises TP and TSS levels
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments *too few datapoints and conflict between turbidity and TSS. Recommend addressing this reach as part of the Big Sandy Lake TMDL listing response.

HUC AUID Seg Miles Reach Name Reach Description
07010103 514 011 14.59 West Savanna R Headwaters to Prairie R

Aquatic life—preliminary assessment FS Final assessment FS Based on ___
AQL assessment quality (Excellent, good, fair, poor) Good _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2 _____
Additional Comments _____

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HUC AUID Seg Miles Reach Name Reach Description
07010103 515 008 8.06 Prairie R Tamarack R to Savannah R

Aquatic life—preliminary assessment FS Final assessment FS Based on ___
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010103 516 010 23.29 Prairie R Prairie Lk to Tamarack R

Aquatic life—preliminary assessment FS Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) _____ Which pollutants _____
2002 TMDL listing (Y/N) _____ Which pollutants _____
2004 Impairment (4 or 5) (Y/N) _____ Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments *dataset too small for conclusive assessment

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HUC AUID Seg Miles Reach Name Reach Description
07010103 517 na 9.3 Unnamed Ditch Unnamed Cr to Mississippi R
Aquatic life—preliminary assessment NS Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments * no assessment: this stream reach is channelized with a drainage area of less than 20 sq. mi.

HUC AUID Seg Miles Reach Name Reach Description
07010103 518 na 3.83 Minnewawa Cr Headwaters to Unnamed Ditch
Aquatic life—preliminary assessment FS Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) _____ Which pollutants _____
2002 TMDL listing (Y/N) _____ Which pollutants _____
2004 Impairment (4 or 5) (Y/N) _____ Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments *dataset too small for conclusive assessment

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010103 519 na 2.24 Minnewawa Cr Unnamed Ditch to Sandy R
Aquatic life—preliminary assessment FS Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) Which pollutants _____
2002 TMDL listing (Y/N) Which pollutants _____
2004 Impairment (4 or 5) (Y/N) Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments *dataset too small for conclusive assessment

HUC AUID Seg Miles Reach Name Reach Description
07010103 541 028 33.51 Prairie R Day Br to Prairie Lk
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

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HUC AUID Seg Miles Reach Name Reach Description
07010103 542 029 20.24 Day Br Headwaters to Prairie R
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010103 545 019 10.9 Hay Cr Headwaters to Swan Lk
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

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HUC AUID Seg Miles Reach Name Reach Description
07010103 554 na 3.29 Unnamed Cr Headwaters to Willow R
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010103 556 na 1 Unnamed Ditch Unnamed ditch to Unnamed ditch
Aquatic life—preliminary assessment FS Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments * no assessment: this stream reach is channelized with a drainage area of less than 20 sq. mi.

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010103 572 na 2.02 Unnamed Ditch Unnamed ditch to Unnamed ditch
Aquatic life—preliminary assessment FS Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments * no assessment: this stream reach is channelized with a drainage area of less than 20 sq. mi.

HUC AUID Seg Miles Reach Name Reach Description
07010103 575 219* 1.62 Welcome Cr Headwaters to Unnamed Lk (31-1228)
Aquatic life—preliminary assessment NS Final assessment NA Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed Keewatin WWTP, mining, channelized stream
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants Biota _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments **part of retired AUID -513, split to reflect use class differences within the original reach
12/3/03 NA for ALUS based on Bio Unit final review that noted that this reach falls under the Small Channelized Streams
policy to not assess for Biota if the stream is channelized, with a drainage area of less than 20 sq. miles.

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010104 501 226 20.38 Mississippi R Pine R to Brainard dam
Aquatic life—preliminary assessment PS Final assessment PS Based on Dissolved Oxygen
AQL assessment quality (Excellent, good, fair, poor) Fair
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants DO
2002 TMDL listing (Y/N) Y Which pollutants DO, Mercury FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants DO, Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments PS for pH but not assessed as such because of uncertainty about older dataset. This reach was not listed for pH when this dataset was first considered and additional project input may have been available for that decision.

HUC AUID Seg Miles Reach Name Reach Description
07010104 502 030 30.08 Swan R Headwaters (Big Swan L) to Mississippi R
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment PS Final assessment PS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Excellent
Fish consumption use NA
1998 TMDL listing (Y/N) Y Which pollutants Fecal Coliform
2002 TMDL listing (Y/N) Y Which pollutants Fecal Coliform
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Fecal Coliform
Delisting status (if applicable) _____
IAR category 5
Additional Comments TMDL study near completion and approval

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This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010104 503 015 16.08 Mississippi R Rice R to Little Willow R

Aquatic life—preliminary assessment NS Final assessment PS Based on turbidity
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Fair
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Turbidity, mercury
2002 TMDL listing (Y/N) Y Which pollutants Turbidity, Mercury FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Turbidity, Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments Dam operation plus fine soils contributed by the watershed may be factors in turbidity. In 12-03-03 Bio Unit final review of the multiple and discrepant samples within the reach resulted in the judgment that it is supporting based on Biota.

HUC AUID Seg Miles Reach Name Reach Description
07010104 505 021 13.16 Rice R Headwaters to Section 5 Cr

Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Impaired Biota
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010104 513 003 4.26 Mississippi R Fletcher Cr to Little Elk R
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Fair
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Good
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
[07010104 514 (split)*005 9.75 Mississippi R Nokasippi R to Fletcher Cr]

HUC AUID Seg Miles Reach Name Reach Description
07010104 577 8.15 Mississippi R Downstream end of 2B,3B portion to Fletcher Cr)
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Fair
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Fair
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments disc noted apparent inconsistency between turbidity and TSS results; decision to rely on turbidity
*AUID -576 is Miss R, Nokasippi R to 2B,3B portion. No data or assessment on -576 part of the original reach.

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HUC AUID Seg Miles Reach Name Reach Description
07010104 515 013 8.52 Mississippi R Crow Wing R to Nokasippi R

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments PS for pH but not assessed as such because of uncertainty about older dataset. This reach was not listed for pH when this dataset was first considered and additional project info may have been available.

HUC AUID Seg Miles Reach Name Reach Description
07010104 516 126 13.9 Mississippi R Brainerd dam to Crow Wing R

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

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HUC AUID Seg Miles Reach Name Reach Description
07010104 517 014 25.71 Mississippi R Little Willow R to Pine R

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010104 519 102 4.47 Mississippi R Little Falls dam to Swan R

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment PS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Good
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

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HUC AUID Seg Miles Reach Name Reach Description
07010104 521 127 2.45 Little Elk R From 2c to Mississippi R
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Fair
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Good
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010104 522 302 6.4 Pike Cr From Class 7 to Mississippi R
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Fair
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment PS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) POOR
Fish consumption use NA
1998 TMDL listing (Y/N) _____ Which pollutants _____
2002 TMDL listing (Y/N) _____ Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

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HUC AUID Seg Miles Reach Name Reach Description
07010104 530 227 12.28 Little Elk R South Br Little Elk R thru Class 2C

Aquatic life—preliminary assessment FS Final assessment FS Based on ___
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010104 534 010 17.48 Daggett Br Headwaters to Nokassippi R

Aquatic life—preliminary assessment FS Final assessment FS Based on ___
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010104 565 na 2.21 Molly Cr Unnamed Cr to Swan R

Aquatic life—preliminary assessment NS Final assessment NA Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the Watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment PS Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) Which pollutants _____
2002 TMDL listing (Y/N) Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments **this is an ephemeral stream; suspect a number of these sampling events occurred in stagnant water, inappropriate to represent the reach for a condition assessment, although it may be appropriate for the purposes of the project.**

HUC AUID Seg Miles Reach Name Reach Description
07010104 566 na 3.87 Spring Branch Headwaters to Unnamed Cr

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010105 501 005 12.56 Pine R Cross Lk Dam to Little Pine R

Aquatic life—preliminary assessment FS Final assessment FS Based on _____

AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe

A. Timing of exceedances _____

B. Magnitude of exceedances _____

C. Seasonality of exceedances _____

D. Naturally occurring conditions _____

E. Combination of narrative and numeric standards _____

F. Known point and nonpoint influences in the watershed _____

G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA

Aquatic recreation assessment quality (Excellent, good, fair, poor) _____

Fish consumption use NA

1998 TMDL listing (Y/N) N Which pollutants _____

2002 TMDL listing (Y/N) N Which pollutants _____

2004 Impairment (4 or 5) (Y/N) N Which pollutants _____

Delisting status (if applicable) _____

IAR category 2

Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010105 504 001 5.74 Pine R Little Pine R to Mississippi R

Aquatic life—preliminary assessment PS Final assessment NA Based on inadequate dataset

AQL assessment quality (Excellent, good, fair, poor) _____

Factors used, please describe

A. Timing of exceedances _____

B. Magnitude of exceedances _____

C. Seasonality of exceedances _____

D. Naturally occurring conditions _____

E. Combination of narrative and numeric standards _____

F. Known point and nonpoint influences in the Watershed _____

G. Additional data _____

Aquatic recreation use—preliminary assessment FS Final assessment FS

Aquatic recreation assessment quality (Excellent, good, fair, poor) Poor

Fish consumption use NA

1998 TMDL listing (Y/N) _____ Which pollutants _____

2002 TMDL listing (Y/N) _____ Which pollutants _____

2004 Impairment (4 or 5) (Y/N) _____ Which pollutants _____

Delisting status (if applicable) _____

IAR category 2

Additional Comments NPS parameters exceedances are low => wait for more monitoring to review and assess

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010106 501 001 4.22 Crow Wing R Gull R to Mississippi R

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Fair
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the Watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Poor
Fish consumption use NS
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010106 502 002 15.25 Gull R Gull Lk to Crow Wing R

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Fair
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Poor
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010106 507 012 6.53 Crow Wing R Long Prairie R to Seven Mile Cr

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010106 509 015 10.68 Crow Wing R Swan Cr to Mosquito Cr

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Excellent, because of range of data and agreement

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010106 515 024 2.54 Crow Wing R Big Swamp Cr to Cat R

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Excellent
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment PS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Poor
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010106 519 na 3.06 Unnamed Cr Headwaters to Cat R

Aquatic life—preliminary assessment NS Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments * no assessment: this stream reach is channelized with a drainage area of less than 20 sq. mi.; list corrected in 2004

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010106 520 -- 7.53 Bear Cr Unnamed Cr to Partridge R
Aquatic life—preliminary assessment FS Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) _____ Which pollutants _____
2002 TMDL listing (Y/N) _____ Which pollutants _____
2004 Impairment (4 or 5) (Y/N) _____ Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments _____ ***dataset too small for conclusive assessment**

HUC AUID Seg Miles Reach Name Reach Description
07010106 521 na 9.68 Unnamed Cr Headwaters to Bear Cr
Aquatic life—preliminary assessment NS Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants **Impaired Biota**
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments _____ *** no assessment: this stream reach is channelized with a drainage area of less than 20 sq. mi.; list corrected in 2004**

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010106 522 na 0.54 Farnham Cr Unnamed Cr to Crow Wing R
Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Impaired Biota
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010106 524 008 14.34 Home Br Headwaters to Gull Lk
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010106 526 014 16.34 Mosquito Cr Headwaters to Crow Wing R
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010106 535 028 11.64 Shell R Hay Cr to Crow Wing R
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010106 541 034* 15.19 Kettle R Class 2C to Blueberry R

Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010106 543 030 5.45 Fishhook R Fishhook Lk to Straight R

Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010106 550 na 4.44 Bear Cr CD 15 to Little Partridge R

Aquatic life—preliminary assessment NS Final assessment NA* Based on
AQL assessment quality (Excellent, good, fair, poor)
Factors used, please describe
A. Timing of exceedances
B. Magnitude of exceedances
C. Seasonality of exceedances
D. Naturally occurring conditions
E. Combination of narrative and numeric standards
F. Known point and nonpoint influences in the watershed
G. Additional data
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor)
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants
2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
2004 Impairment (4 or 5) (Y/N) N Which pollutants
Delisting status (if applicable)
IAR category
Additional Comments * no assessment: this stream reach is channelized with a drainage area of less than 20 sq. mi.; list corrected in 2004

HUC AUID Seg Miles Reach Name Reach Description
07010106 553 na 4.12 Unnamed Cr Headwaters to Shell R

Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances
B. Magnitude of exceedances
C. Seasonality of exceedances
D. Naturally occurring conditions
E. Combination of narrative and numeric standards
F. Known point and nonpoint influences in the watershed
G. Additional data
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor)
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants
2002 TMDL listing (Y/N) N Which pollutants
2004 Impairment (4 or 5) (Y/N) N Which pollutants
Delisting status (if applicable)
IAR category 2
Additional Comments

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010106 554 na 5.44 Blueberry R Unnamed Cr to Kettle R
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2 _____
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010106 555 na 2.27 Unnamed Ditch Unnamed Cr to Unnamed Cr
Aquatic life—preliminary assessment FS Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments * no assessment: this stream reach is channelized with a drainage area of less than 20 sq. mi.

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010107 501 001 8.07 Redeye R Leaf R to Crow Wing R

Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Fair

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010107 507 012 39.09 Wing R Headwaters to Leaf R

Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010108 501 001 8.47 Long Prairie R Fish Trap Cr to Crow Wing R
Aquatic life—preliminary assessment PS Final assessment PS Based on Low Dissolved Oxygen
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Fair
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants DO, mercury
2002 TMDL listing (Y/N) Y Which pollutants DO, Mercury FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants DO, Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments DO TMDL in progress, on public notice and could be approved by April, 2004.

HUC AUID Seg Miles Reach Name Reach Description
07010108 502 002 7.28 Long Prairie R Moran Cr to Fish Trap Cr
Aquatic life—preliminary assessment FS Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants DO, Mercury FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA, DO
Delisting status (if applicable) _____
IAR category 5
Additional Comments *current dataset too small for conclusive assessment

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010108 504 005 13.08 Long Prairie R Eagle Cr to Turtle Cr

Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota

AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe

A. Timing of exceedances _____

B. Magnitude of exceedances _____

C. Seasonality of exceedances _____

D. Naturally occurring conditions _____

E. Combination of narrative and numeric standards _____

F. Known point and nonpoint influences in the watershed _____

G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA

Aquatic recreation assessment quality (Excellent, good, fair, poor) _____

Fish consumption use NS

1998 TMDL listing (Y/N) Y Which pollutants Dissolved Oxygen

2002 TMDL listing (Y/N) Y Which pollutants Dissolved Oxygen, Impaired Biota, Mercury FCA

2004 Impairment (4 or 5) (Y/N) Y Which pollutants Dissolved Oxygen, Impaired Biota, Mercury FCA

Delisting status (if applicable) _____

IAR category 5

Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010108 505 007 47.05 Long Prairie R Spruce Cr to Eagle Cr

Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota

AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe

A. Timing of exceedances _____

B. Magnitude of exceedances _____

C. Seasonality of exceedances _____

D. Naturally occurring conditions _____

E. Combination of narrative and numeric standards _____

F. Known point and nonpoint influences in the watershed _____

G. Additional data Pat Shelito reviewed DO dataset collected by Todd County SWCD for a TMDL study. Dataset indicated more than 10% exceedances of DO

Aquatic recreation use—preliminary assessment NA Final assessment NA

Aquatic recreation assessment quality (Excellent, good, fair, poor) _____

Fish consumption use NS

1998 TMDL listing (Y/N) Y Which pollutants Mercury FCA

2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota, Mercury FCA

2004 Impairment (4 or 5) (Y/N) Y Which pollutants Impaired Biota, Mercury FCA, Dissolved Oxygen

Delisting status (if applicable) _____

IAR category 5

Additional Comments _____

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This form does not include AUIDs that have only Mercury FCA information

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HUC	AUID	Seg	Miles	Reach Name	Reach Description
07010108	506	010	11.57	Long Prairie R	Headwaters (Lk Carlos) to Spruce Cr
Aquatic life—preliminary assessment <u>NS</u> Final assessment <u>NS</u> Based on <u>Impaired Biota</u>					
AQL assessment quality (Excellent, good, fair, poor) <u>Good</u>					
Factors used, please describe					
A. Timing of exceedances _____					
B. Magnitude of exceedances _____					
C. Seasonality of exceedances _____					
D. Naturally occurring conditions _____					
E. Combination of narrative and numeric standards _____					
F. Known point and nonpoint influences in the watershed <u>Lake Carlos WWTP</u>					
G. Additional data _____					
Aquatic recreation use—preliminary assessment <u>NA</u> Final assessment <u>NA</u>					
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____					
Fish consumption use <u>NS</u>					
1998 TMDL listing (Y/N) <u>Y</u> Which pollutants <u>Mercury</u>					
2002 TMDL listing (Y/N) <u>Y</u> Which pollutants <u>DO, Biota, Mercury FCA</u>					
2004 Impairment (4 or 5) (Y/N) <u>Y</u> Which pollutants <u>DO, Biota, Mercury FCA</u>					
Delisting status (if applicable) _____					
IAR category <u>5</u>					
Additional Comments _____					
Upper site is riffle/runs. Downstream site is wetland, also downstream of treatment plant, sites about a mile apart					

HUC	AUID	Seg	Miles	Reach Name	Reach Description
07010108	507	006	20.24	Eagle Cr	Headwaters to Long Prairie R
Aquatic life—preliminary assessment <u>NS</u> Final assessment <u>NS</u> Based on <u>Impaired Biota</u>					
AQL assessment quality (Excellent, good, fair, poor) <u>Good</u>					
Factors used, please describe					
A. Timing of exceedances _____					
B. Magnitude of exceedances _____					
C. Seasonality of exceedances _____					
D. Naturally occurring conditions _____					
E. Combination of narrative and numeric standards _____					
F. Known point and nonpoint influences in the watershed _____					
G. Additional data _____					
Aquatic recreation use—preliminary assessment <u>NA</u> Final assessment <u>NA</u>					
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____					
Fish consumption use <u>NA</u>					
1998 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2002 TMDL listing (Y/N) <u>Y</u> Which pollutants <u>Impaired Biota</u>					
2004 Impairment (4 or 5) (Y/N) <u>Y</u> Which pollutants <u>Impaired Biota</u>					
Delisting status (if applicable) _____					
IAR category <u>5</u>					
Additional Comments _____					

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010108 511 003 17.53 Moran Cr Headwaters to Long Prairie R
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010201 501 001 Mississippi R Swan R to next HUC (07010201) above Two R
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Excellent
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment PS Final assessment NA*
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments *James Fallon, USGS: part of a FC dataset is estimated or older data, so no assessment

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010201 504 003 25.88 Little Rock Cr Headwaters to Mississippi R
 Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
 AQL assessment quality (Excellent, good, fair, poor) Good
 Factors used, please describe
 A. Timing of exceedances _____
 B. Magnitude of exceedances _____
 C. Seasonality of exceedances _____
 D. Naturally occurring conditions _____
 E. Combination of narrative and numeric standards _____
 F. Known point and nonpoint influences in the watershed _____
 G. Additional data _____
 Aquatic recreation use—preliminary assessment NA Final assessment NA
 Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
 Fish consumption use NA
 1998 TMDL listing (Y/N) N Which pollutants _____
 2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
 2004 Impairment (4 or 5) (Y/N) Y Which pollutants Impaired Biota
 Delisting status (if applicable) _____
 IAR category 5
 Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
[07010201 506(split) 005 18.21 Platte R Rice-Skunk Lakes Dam to Mississippi R]**

HUC AUID Seg Miles Reach Name Reach Description
07010201-546 3.77 PLATTE R Rice-Skunk Lakes Dam to Unnamed Cr (abv RR Bridge)
 Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
 AQL assessment quality (Excellent, good, fair, poor) Good
 Factors used, please describe
 A. Timing of exceedances _____
 B. Magnitude of exceedances _____
 C. Seasonality of exceedances _____
 D. Naturally occurring conditions Wetland complex in Drainage Area
 E. Combination of narrative and numeric standards _____
 F. Known point and nonpoint influences in the watershed _____
 G. Additional data continuous DO at the Platte R 2 miles south of Royalton
 Aquatic recreation use—preliminary assessment PS Final assessment NA
 Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
 Fish consumption use NA
 1998 TMDL listing (Y/N) N Which pollutants _____
 2002 TMDL listing (Y/N) Y Which pollutants Biota
 2004 Impairment (4 or 5) (Y/N) Y Which pollutants Biota
 Delisting status (if applicable) recommend delisting review in downstream split reach (-545) based on DNR fish collection and IBI scores at 2 downstream sites
 IAR category 5
 Additional Comments ** original reach split to redefine based on longitudinal WQ differences observed among up and downstream sampling locations. Downstream reach is: 07010201-545, 14.44 mi. , Platte R, from Unnamed Cr (abv RR Bridge) to Mississippi R. Jim McArthur: this is a fishing hot spot. Discussion of delisting upstream reach as well because of likely influence of upstream natural wetland, but can't discount other factors in this watershed.

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HUC AUID Seg Miles Reach Name Reach Description
07010201 507 011 41.45 Platte R Headwaters (Erskine Lk) to Skunk R
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010201 509 013 3.85 Mississippi R Two R to Spunk Cr
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

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HUC	AUID	Seg	Miles	Reach Name	Reach Description
07010201	520	010	18.52	Skunk R	Headwaters to Hillman Cr
Aquatic life—preliminary assessment <u>FS</u> Final assessment <u>FS</u> Based on _____					
AQL assessment quality (Excellent, good, fair, poor) <u>Good</u>					
Factors used, please describe					
A. Timing of exceedances _____					
B. Magnitude of exceedances _____					
C. Seasonality of exceedances _____					
D. Naturally occurring conditions _____					
E. Combination of narrative and numeric standards _____					
F. Known point and nonpoint influences in the watershed _____					
G. Additional data _____					
Aquatic recreation use—preliminary assessment <u>NA</u> Final assessment <u>NA</u>					
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____					
Fish consumption use <u>NA</u>					
1998 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2002 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2004 Impairment (4 or 5) (Y/N) <u>N</u> Which pollutants _____					
Delisting status (if applicable) _____					
IAR category <u>2</u>					
Additional Comments _____					

HUC	AUID	Seg	Miles	Reach Name	Reach Description
07010201	522	009	14.94	Hillman Cr	Headwaters to Skunk R
Aquatic life—preliminary assessment <u>FS</u> Final assessment <u>FS</u> Based on _____					
AQL assessment quality (Excellent, good, fair, poor) <u>Good</u>					
Factors used, please describe					
A. Timing of exceedances _____					
B. Magnitude of exceedances _____					
C. Seasonality of exceedances _____					
D. Naturally occurring conditions _____					
E. Combination of narrative and numeric standards _____					
F. Known point and nonpoint influences in the watershed _____					
G. Additional data _____					
Aquatic recreation use—preliminary assessment <u>NA</u> Final assessment <u>NA</u>					
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____					
Fish consumption use <u>NA</u>					
1998 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2002 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2004 Impairment (4 or 5) (Y/N) <u>N</u> Which pollutants _____					
Delisting status (if applicable) _____					
IAR category <u>2</u>					
Additional Comments _____					

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HUC	AUID	Seg	Miles	Reach Name	Reach Description
07010201	525	018	18.41	Spunk Cr	Headwaters to Mississippi R
Aquatic life—preliminary assessment <u>FS</u> Final assessment <u>FS</u> Based on <u> </u>					
AQL assessment quality (Excellent, good, fair, poor) <u>Good</u>					
Factors used, please describe					
A. Timing of exceedances _____					
B. Magnitude of exceedances _____					
C. Seasonality of exceedances _____					
D. Naturally occurring conditions _____					
E. Combination of narrative and numeric standards _____					
F. Known point and nonpoint influences in the watershed _____					
G. Additional data _____					
Aquatic recreation use—preliminary assessment <u>NA</u> Final assessment <u>NA</u>					
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____					
Fish consumption use <u>NA</u>					
1998 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2002 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2004 Impairment (4 or 5) (Y/N) <u>N</u> Which pollutants _____					
Delisting status (if applicable) _____					
IAR category <u>2</u>					
Additional Comments _____					

HUC	AUID	Seg	Miles	Reach Name	Reach Description
07010201	526	119	1.55	Watab R	North & South Fk Jct to Rossier Lk
Aquatic life—preliminary assessment <u>FS</u> Final assessment <u>FS</u> Based on <u> </u>					
AQL assessment quality (Excellent, good, fair, poor) <u>Good</u>					
Factors used, please describe					
A. Timing of exceedances _____					
B. Magnitude of exceedances _____					
C. Seasonality of exceedances _____					
D. Naturally occurring conditions _____					
E. Combination of narrative and numeric standards _____					
F. Known point and nonpoint influences in the watershed _____					
G. Additional data _____					
Aquatic recreation use—preliminary assessment <u>NA</u> Final assessment <u>NA</u>					
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____					
Fish consumption use <u>NA</u>					
1998 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2002 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2004 Impairment (4 or 5) (Y/N) <u>N</u> Which pollutants _____					
Delisting status (if applicable) _____					
IAR category <u>2</u>					
Additional Comments _____					

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010201 532 217 4.56 South Two R Schwimmhammer Lk to Two R Lk
Aquatic life—preliminary assessment FS Final assessment FS Based on ____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010201 537 na 5.24 CD 12 Unnamed Cr to Watab R
Aquatic life—preliminary assessment FS Final assessment FS Based on ____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010201 538 na 3.67 Unnamed Cr Unnamed Cr to Zuleger Cr

Aquatic life—preliminary assessment NA Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the Watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N)___ Which pollutants _____
2002 TMDL listing (Y/N) __ Which pollutants _____
2004 Impairment (4 or 5) (Y/N)_____ Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments * no assessment: this stream reach is channelized with a drainage area of less than 20 sq. mi.

HUC AUID Seg Miles Reach Name Reach Description
07010201 900 na ? Unnamed Cr Wetland to Watab R

Aquatic life—preliminary assessment NA Final assessment NA Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the Watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N)___ Which pollutants _____
2002 TMDL listing (Y/N) __ Which pollutants _____
2004 Impairment (4 or 5) (Y/N)_____ Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments _____

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010202 501 001 16.21 Sauk R Mill Cr to Mississippi R

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment PS Final assessment PS, based on original 1994 listing dataset _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) Poor

Fish consumption use NS

1998 TMDL listing (Y/N) Y Which pollutants Fecal, Mercury & PCB FCA _____
2002 TMDL listing (Y/N) Y Which pollutants Fecal, Mercury & PCB FCA _____
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Fecal Coliform, Mercury & PCB FCA _____
Delisting status (if applicable) _____
IAR category 5

Additional Comments : water column mercury is 0/6 exceedances

HUC AUID Seg Miles Reach Name Reach Description
07010202 502 012 19.44 Sauk R Headwaters (Lk Osakis) to Sauk Lk

Aquatic life—preliminary assessment NA Final assessment NA Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____

Fish consumption use NS

1998 TMDL listing (Y/N) Y Which pollutants Mercury _____
2002 TMDL listing (Y/N) Y Which pollutants DO, Mercury FCA _____
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA, bring forward DO _____
Delisting status (if applicable) _____
IAR category 5

Additional Comments _____

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010202 503 015 23.43 Ashley Cr Headwaters to Sauk Lk

Aquatic life—preliminary assessment NA Final assessment NA Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) Y Which pollutants DO _____
2002 TMDL listing (Y/N) Y Which pollutants DO, _____
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Bring forward DO _____
Delisting status (if applicable) _____
IAR category 5 _____
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010202 506 106 2.54 Sauk R Melrose dam to Adley Cr

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS _____
1998 TMDL listing (Y/N) Y Which pollutants Mercury _____
2002 TMDL listing (Y/N) Y Which pollutants Mercury _____
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA _____
Delisting status (if applicable) _____
IAR category 5 _____
Additional Comments _____

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010202 521 na 4.3 CD 6 Unnamed Cr to Ashley Cr
Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Impaired Biota
Delisting status (if applicable) _____
IAR category 5
Additional Comments Ditch

HUC AUID Seg Miles Reach Name Reach Description
07010202 522 na 9.9 Hoboken Cr Headwaters to Sauk Lk
Aquatic life—preliminary assessment NS Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments * no assessment: this stream reach is channelized with a drainage area of less than 20 sq. mi.; list was corrected in 2004.

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010202 526 003 17.29 Getchell Cr Headwaters to Sauk R

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA

1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2

Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010202 552 na 2.28 Crooked Lk Ditch Unnamed Cr to Lk Osakis

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA

1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2

Additional Comments _____

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010202 554 na 2.22 Unnamed Cr Unnamed Cr to Unnamed Cr
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010203 501 210 3.59 Mississippi R Sauk R to St Cloud dam
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NS Final assessment PS, based on original '94 listing dataset
Aquatic recreation assessment quality (Excellent, good, fair, poor) Poor
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Fecal
2002 TMDL listing (Y/N) Y Which pollutants Fecal, Mercury FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Fecal, Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments **After review of preliminary assessment results, no water column Hg exceedances (0/6)**

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010203 502 315 10.23 Clearwater R Clear Lk to Lk Betsy
Aquatic life—preliminary assessment NA Final assessment NA Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) Y Which pollutants DO, Fecal Coliform, _____
2002 TMDL listing (Y/N) Y Which pollutants DO, Fecal Coliform, _____
2004 Impairment (4 or 5) (Y/N) Y Which pollutants DO, Fecal Coliform, _____
Delisting status (if applicable) _____
IAR category 5 _____
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010203 548*(504) 302 12.23 Elk R St. Francis R to Orono Lk
Aquatic life—preliminary assessment PS Final assessment PS Based on Low Dissolved Oxygen
AQL assessment quality (Excellent, good, fair, poor) Fair _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the Watershed _____
G. Additional data Sherburne SWCD FC data _____
Aquatic recreation use—preliminary assessment PS Final assessment NA _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS _____
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants Mercury, Low Dissolved Oxygen _____
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury, Low Dissolved Oxygen _____
Delisting status (if applicable) _____
IAR category 5 _____
Additional Comments Sherburne SWCD macroinvertebrate HBI showed good WQ; SWCD FC counts high in 2002 and after heavy rains in latter part of June 2003 _____
***AUID 548 replaces former 504 (Sept. 2003)**

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HUC AUID Seg Miles Reach Name Reach Description
07010203 506 004 23.83 Elk R Rice Cr to St.Francis R

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010203 509 008 15.25 Mayhew Cr Headwaters (Mayhew L) to Elk R

Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Impaired Biota
Delisting status (if applicable) _____
IAR category 5
Additional Comments Mark Basiletti, Sherburne SWCD: macroinvertebrate HBI results agree with this IBI.

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Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010203 510 009 33.36 Mississippi R Clearwater R to Elk R

Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment PS Final assessment PS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Good
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Fecal, Biota, Mercury FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Fecal Coliform, Impaired Biota, Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments Consider splitting the reach at Silver Ck confluence – conflict among IBI scores; splitting the reach is a low priority because previously listed

HUC AUID Seg Miles Reach Name Reach Description
07010203 511 011 11.35 Clearwater R Clearwater Lk to Mississippi R

Aquatic life—preliminary assessment NS Final assessment NA Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the Watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment FS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Poor
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments More monitoring is planned, so wait for fuller dataset to assess next round

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010203 513 110 13.67 Mississippi R St. Cloud Dam to Clearwater R

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010203 535 na 4.29 Battle Br CD 18 to Elk Lk

Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments DNR Fish Survey also showed no impairment (Mark Briggs, DNR)

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010203 538 na 5.21 Briggs Cr Trout stream portion (to Briggs Lk)
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010204 501 017 10.8 Jewitts Cr (CD 19, CD 18, C) Headwaters (Lk Ripley) to N Fk Crow R
Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) Y Which pollutants NH3, DO
2002 TMDL listing (Y/N) Y Which pollutants DO, NH3, Impaired Biota
2004 Impairment (4 or 5) (Y/N) Y Which pollutants DO, NH3, Impaired Biota
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

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Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010204 502 001 25.05 Crow R South Fk Crow R to Mississippi R

Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota, Turbidity
AQL assessment quality (Excellent, good, fair, poor) Excellent

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NS Final assessment PS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Good

Fish consumption use NA

1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants Turbidity, Biota
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Turbidity, Biota, Fecal Coliform
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010204 503 002 13.42 North Fk Crow R Mill Cr to South Fk Crow R

Aquatic life—preliminary assessment NS Final assessment NS Based on Turbidity and Low Dissolved Oxygen
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the Watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS

1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants DO, Mercury FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants DO, Turbidity, Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010204 504 007 8.67 North Fk Crow R Lk Koronis to Middle Fk Crow R
 Aquatic life—preliminary assessment FS Final assessment FS Based on _____
 AQL assessment quality (Excellent, good, fair, poor) Good
 Factors used, please describe
 A. Timing of exceedances _____
 B. Magnitude of exceedances _____
 C. Seasonality of exceedances _____
 D. Naturally occurring conditions _____
 E. Combination of narrative and numeric standards _____
 F. Known point and nonpoint influences in the Watershed _____
 G. Additional data _____
 Aquatic recreation use—preliminary assessment NA Final assessment NA
 Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
 Fish consumption use NS
 1998 TMDL listing (Y/N) N Which pollutants _____
 2002 TMDL listing (Y/N) Y Which pollutants Mercury
 2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
 Delisting status (if applicable) _____
 IAR category 5
 Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
[07010204 505(split) 004 49.63 North Fk Crow R Washington Cr to Mill Cr]**

HUC AUID Seg Miles Reach Name Reach Description
07010204-556 47.41 North Fk Crow R End ORVW portion to Mill Cr
 Aquatic life—preliminary assessment FS Final assessment FS Based on _____
 AQL assessment quality (Excellent, good, fair, poor) Good
 Factors used, please describe
 A. Timing of exceedances _____
 B. Magnitude of exceedances _____
 C. Seasonality of exceedances _____
 D. Naturally occurring conditions _____
 E. Combination of narrative and numeric standards _____
 F. Known point and nonpoint influences in the Watershed _____
 G. Additional data _____
 Aquatic recreation use—preliminary assessment NA Final assessment NA
 Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
 Fish consumption use NS
 1998 TMDL listing (Y/N) N Which pollutants _____
 2002 TMDL listing (Y/N) Y Which pollutants Mercury
 2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
 Delisting status (if applicable) _____
 IAR category 5
 Additional Comments _____

**** other reach is 07010204-555, 2.22mi, North Fk Crow R from Washington Cr downstream to end ORVW portion – Not Assessed.**

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010204 506 005 21.94 North Fk Crow R Jewitts Cr to Washington Cr

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010204 507 006 10.94 North Fk Crow R Middle Fk Crow R to Jewitts Cr

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

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HUC AUID Seg Miles Reach Name Reach Description
07010204 508 012 48.5 N Fk Crow R Headwaters to Lk Koronis
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010204 509 na 2.43 Eagle Cr Lk Francis Outlet to North Fk Crow R
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

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This form does not include AUIDs that have only Mercury FCA information

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HUC	AUID	Seg	Miles	Reach Name	Reach Description
07010204	511	014	15.51	Middle Fk Crow R	Green Lk to North Fk Crow R
Aquatic life—preliminary assessment <u>FS</u> Final assessment <u>FS</u> Based on <u>Biota</u>					
AQL assessment quality (Excellent, good, fair, poor) <u>Good</u>					
Factors used, please describe					
A. Timing of exceedances _____					
B. Magnitude of exceedances _____					
C. Seasonality of exceedances _____					
D. Naturally occurring conditions _____					
E. Combination of narrative and numeric standards _____					
F. Known point and nonpoint influences in the watershed _____					
G. Additional data _____					
Aquatic recreation use—preliminary assessment <u>NA</u> Final assessment <u>NA</u>					
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____					
Fish consumption use <u>NA</u>					
1998 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2002 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2004 Impairment (4 or 5) (Y/N) <u>N</u> Which pollutants _____					
Delisting status (if applicable) _____					
IAR category <u>2</u>					
Additional Comments _____					

HUC	AUID	Seg	Miles	Reach Name	Reach Description
07010204	514	na	8.15	Grove Cr	Unnamed Cr to Middle Fk Crow R
Aquatic life—preliminary assessment <u>NS</u> Final assessment <u>NS</u> Based on <u>Low Dissolved Oxygen and Impaired Biota</u>					
AQL assessment quality (Excellent, good, fair, poor) <u>Good</u>					
Factors used, please describe					
A. Timing of exceedances _____					
B. Magnitude of exceedances _____					
C. Seasonality of exceedances _____					
D. Naturally occurring conditions _____					
E. Combination of narrative and numeric standards _____					
F. Known point and nonpoint influences in the watershed _____					
G. Additional data _____					
Aquatic recreation use—preliminary assessment <u>NA</u> Final assessment <u>NA</u>					
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____					
Fish consumption use <u>NA</u>					
1998 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2002 TMDL listing (Y/N) <u>Y</u> Which pollutants <u>Impaired Biota</u>					
2004 Impairment (4 or 5) (Y/N) <u>Y</u> Which pollutants <u>DO, Impaired Biota</u>					
Delisting status (if applicable) _____					
IAR category <u>5</u>					
Additional Comments _____					

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This form does not include AUIDs that have only Mercury FCA information

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HUC	AUID	Seg	Miles	Reach Name	Reach Description
07010204	515	003	3.58	Mill Cr	Buffalo Lk to North Fk Crow R
Aquatic life—preliminary assessment <u>NS</u> Final assessment <u>NS</u> Based on <u>Low Dissolved Oxygen</u>					
AQL assessment quality (Excellent, good, fair, poor) <u>Fair</u>					
Factors used, please describe					
A. Timing of exceedances _____					
B. Magnitude of exceedances _____					
C. Seasonality of exceedances _____					
D. Naturally occurring conditions _____					
E. Combination of narrative and numeric standards _____					
F. Known point and nonpoint influences in the Watershed _____					
G. Additional data _____					
Aquatic recreation use—preliminary assessment <u>NA</u> Final assessment <u>NA</u>					
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____					
Fish consumption use <u>NA</u>					
1998 TMDL listing (Y/N) _____ Which pollutants _____					
2002 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2004 Impairment (4 or 5) (Y/N) <u>Y</u> Which pollutants <u>Low Dissolved Oxygen</u>					
Delisting status (if applicable) _____					
IAR category <u>5</u>					
Additional Comments _____					

HUC	AUID	Seg	Miles	Reach Name	Reach Description
07010204	527	102	2.97	Unnamed Cr	Unnamed Ditch to North Fk Crow R
Aquatic life—preliminary assessment <u>NS</u> Final assessment <u>NS</u> Based on <u>Low Dissolved Oxygen</u>					
AQL assessment quality (Excellent, good, fair, poor) <u>Good</u>					
Factors used, please describe					
A. Timing of exceedances _____					
B. Magnitude of exceedances _____					
C. Seasonality of exceedances _____					
D. Naturally occurring conditions _____					
E. Combination of narrative and numeric standards _____					
F. Known point and nonpoint influences in the Watershed _____					
G. Additional data _____					
Aquatic recreation use—preliminary assessment <u>NA</u> Final assessment <u>NA</u>					
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____					
Fish consumption use <u>NA</u>					
1998 TMDL listing (Y/N) _____ Which pollutants _____					
2002 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2004 Impairment (4 or 5) (Y/N) <u>Y</u> Which pollutants <u>Low Dissolved Oxygen</u>					
Delisting status (if applicable) _____					
IAR category <u>5</u>					
Additional Comments _____					

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This form does not include AUIDs that have only Mercury FCA information

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HUC	AUID	Seg	Miles	Reach Name	Reach Description
07010204	529	204	7.75	Twelvemile Cr	Dutch Lk to North Fk Crow R
Aquatic life—preliminary assessment <u>FS</u> Final assessment <u>FS</u> Based on <u>Biota</u>					
AQL assessment quality (Excellent, good, fair, poor) <u>Good</u>					
Factors used, please describe					
A. Timing of exceedances _____					
B. Magnitude of exceedances _____					
C. Seasonality of exceedances _____					
D. Naturally occurring conditions _____					
E. Combination of narrative and numeric standards _____					
F. Known point and nonpoint influences in the watershed _____					
G. Additional data _____					
Aquatic recreation use—preliminary assessment <u>NA</u> Final assessment <u>NA</u>					
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____					
Fish consumption use <u>NA</u>					
1998 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2002 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2004 Impairment (4 or 5) (Y/N) <u>N</u> Which pollutants _____					
Delisting status (if applicable) _____					
IAR category <u>2</u>					
Additional Comments _____					

HUC	AUID	Seg	Miles	Reach Name	Reach Description
07010204	536	615	6.82	CD 37	Unnamed Cr to Middle Fk Crow R
Aquatic life—preliminary assessment <u>FS</u> Final assessment <u>NA*</u> Based on _____					
AQL assessment quality (Excellent, good, fair, poor) _____					
Factors used, please describe					
A. Timing of exceedances _____					
B. Magnitude of exceedances _____					
C. Seasonality of exceedances _____					
D. Naturally occurring conditions _____					
E. Combination of narrative and numeric standards _____					
F. Known point and nonpoint influences in the watershed _____					
G. Additional data _____					
Aquatic recreation use—preliminary assessment <u>NA</u> Final assessment <u>NA</u>					
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____					
Fish consumption use <u>NA</u>					
1998 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2002 TMDL listing (Y/N) <u>N</u> Which pollutants _____					
2004 Impairment (4 or 5) (Y/N) <u>N</u> Which pollutants _____					
Delisting status (if applicable) _____					
IAR category _____					
Additional Comments <u>* no assessment: this stream reach is channelized with a drainage area of less than 20 sq. mi.</u>					

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Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010204 542 na 2.09 Unnamed Cr Unnamed Cr to Crow R

Aquatic life—preliminary assessment PS Final assessment PS Based on Low Dissolved Oxygen
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the Watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) Which pollutants _____
2002 TMDL listing (Y/N) Which pollutants _____
2004 Impairment (4 or 5) (Y/N) Y Which pollutants DO _____
Delisting status (if applicable) _____
IAR category 5 _____
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010204 546 na 1.32 Unnamed Cr (Big Swan Lk Outlet) Big Swan Lk to North Fk Crow R

Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Fair

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2 _____
Additional Comments _____

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010204 552 na 6.38 Unnamed Cr Class 2C (to Jewitts Cr)

Aquatic life—preliminary assessment NS Final assessment NA* Based on
AQL assessment quality (Excellent, good, fair, poor) _____

Factors used, please describe

A. Timing of exceedances _____

B. Magnitude of exceedances _____

C. Seasonality of exceedances _____

D. Naturally occurring conditions _____

E. Combination of narrative and numeric standards _____

F. Known point and nonpoint influences in the Watershed _____

G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA

Aquatic recreation assessment quality (Excellent, good, fair, poor) _____

Fish consumption use NA

1998 TMDL listing (Y/N) _____ Which pollutants _____

2002 TMDL listing (Y/N) N Which pollutants _____

2004 Impairment (4 or 5) (Y/N) _____ Which pollutants _____

Delisting status (if applicable) _____

IAR category 5

Additional Comments _____

*** no assessment: this stream reach is channelized with a drainage area of less than 20 sq. mi.**

HUC AUID Seg Miles Reach Name Reach Description
07010205 501 007 49.9 Buffalo Cr JD 15 to South Fk Crow R

Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota

AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe

A. Timing of exceedances _____

B. Magnitude of exceedances _____

C. Seasonality of exceedances _____

D. Naturally occurring conditions _____

E. Combination of narrative and numeric standards _____

F. Known point and nonpoint influences in the watershed _____

G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA

Aquatic recreation assessment quality (Excellent, good, fair, poor) _____

Fish consumption use NS

1998 TMDL listing (Y/N) Y Which pollutants Mercury

2002 TMDL listing (Y/N) Y Which pollutants Mercury, Impaired Biota

2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury, Impaired Biota

Delisting status (if applicable) _____

IAR category 5

Additional Comments _____

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This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010205 502 008 34.6 Buffalo Cr Headwaters to JD 15

Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota

AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe

A. Timing of exceedances _____

B. Magnitude of exceedances _____

C. Seasonality of exceedances _____

D. Naturally occurring conditions _____

E. Combination of narrative and numeric standards _____

F. Known point and nonpoint influences in the watershed _____

G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA

Aquatic recreation assessment quality (Excellent, good, fair, poor) _____

Fish consumption use NS

1998 TMDL listing (Y/N) Y Which pollutants Mercury

2002 TMDL listing (Y/N) Y Which pollutants Biota, Mercury FCA

2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA, Impaired Biota

Delisting status (if applicable) _____

IAR category 5

Additional Comments _____

2001 zero IBIs are related So. MN beet sugar - related to fish kill;12-3-03 Bio Unit review: "multiple samples within segment, both non-supporting"

HUC AUID Seg Miles Reach Name Reach Description
07010205 504 na 5.52 JD 67 Headwaters to Buffalo Cr

Aquatic life—preliminary assessment NS Final assessment NA* Based on

AQL assessment quality (Excellent, good, fair, poor) _____

Factors used, please describe

A. Timing of exceedances _____

B. Magnitude of exceedances _____

C. Seasonality of exceedances _____

D. Naturally occurring conditions _____

E. Combination of narrative and numeric standards _____

F. Known point and nonpoint influences in the watershed _____

G. Additional data Fish kill investigation, no data prior to or since that incident

Aquatic recreation use—preliminary assessment NA Final assessment NA

Aquatic recreation assessment quality (Excellent, good, fair, poor) _____

Fish consumption use NA

1998 TMDL listing (Y/N) N Which pollutants _____

2002 TMDL listing (Y/N) N Which pollutants _____

2004 Impairment (4 or 5) (Y/N) N* Which pollutants _____

Delisting status (if applicable) _____

IAR category _____

Additional Comments 2001 zero IBIs are related to So. MN beet sugar - related fish kill

* no assessment: this stream reach is channelized with a drainage area of less than 20 sq. mi.

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Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010205 507 406* 5.97 Unnamed ditch Class 7 to South Fk Crow R

Aquatic life—preliminary assessment NS Final assessment NA Based on Class 7
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the Watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments list corrected in 2004; also DA less than 20 Sq. Mi.

HUC AUID Seg Miles Reach Name Reach Description
07010205 508 001 31.35 South Fk Crow R Buffalo Cr to North Fk Crow R

Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota, Turbidity
AQL assessment quality (Excellent, good, fair, poor) Excellent
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Biota, Mercury FCA, Impaired Biota
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA, Impaired Biota, and Turbidity
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

2004 Assessments – Upper Mississippi River Basin

Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010205 510 106 17.17 South Fk Crow R Hutchinson dam to Bear Cr
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010205 511 004 13.65 South Fk Crow R Bear Cr to Otter Cr
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

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Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010205 513 109 11.18 JD 15 Class 7 portion to Buffalo Cr
Aquatic life—preliminary assessment NS Final assessment NA Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) _____ Which pollutants _____
2002 TMDL listing (Y/N) _____ Which pollutants _____
2004 Impairment (4 or 5) (Y/N) _____ Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments Class 7—no assessment made

HUC AUID Seg Miles Reach Name Reach Description
07010205 528 na 2.7 CD 4 Unnamed Ditch to Buffalo Cr
Aquatic life—preliminary assessment FS Final assessment NA* Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments * no assessment: this stream reach is channelized with a drainage area of less than 20 sq. mi.

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010205 540 206* 49.82 South Fk Crow R Headwaters to Hutchinson dam

Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA

1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Biota, Mercury FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA, Impaired Biota
Delisting status (if applicable) _____
IAR category 5

Additional Comments AUID note: This reach was formerly part of “retired” 503; other reaches that were split from 503 are 540 through 543.

HUC AUID Seg Miles Reach Name Reach Description
07010206 501 101 3.72 Mississippi R Lock & Dam #2 to St. Croix River (RM 815.2 to 811.3)

Aquatic life—preliminary assessment NS Final assessment PS* Based on Turbidity
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment PS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Excellent
Fish consumption use NS

1998 TMDL listing (Y/N) Y Which pollutants PCB, Mercury, turbidity
2002 TMDL listing (Y/N) Y Which pollutants Turbidity, Mercury & PCB FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury & PCB FCA, Turbidity
Delisting status (if applicable) _____
IAR category 5

Additional Comments Dataset is from the open water season only because collected only when boat collection is possible. This will tend to undercount winter season low turbidities, so the final assessment is adjusted to Partial Support

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Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010206 502 201 15.2 Mississippi R Rock Island RR bridge to Lock & Dam #2 (RM 830 to 815.2)
Aquatic life—preliminary assessment PS Final assessment PS Based on Turbidity
AQL assessment quality (Excellent, good, fair, poor) Excellent
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Excellent
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Hg, turbidity
2002 TMDL listing (Y/N) Y Which pollutants Hg, turbidity, Mercury & PCB FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury & PCB FCA, turbidity
Delisting status (if applicable) _____
IAR category 5
Additional Comments Second step analysis to apply 30 day geo. Mean for Fecal Coliform adjusted assessment to FS from prelim.

HUC AUID Seg Miles Reach Name Reach Description
07010206 503 202 5.59 Mississippi R Lower St. Anthony Falls to Lock & Dam #1 (RM 853.3 to 847.6)
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Excellent
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the Watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Excellent
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Fecal, Mercury FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA, Fecal Coliform
Delisting status (if applicable) recommend review for delisting Fecal Coliform
IAR category 5
Additional Comments _____

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This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010206 504 301 3.44 Mississippi R Metro WWTP to Rock Island RR bridge (RM 835 to 830)
Aquatic life—preliminary assessment PS Final assessment PS Based on Turbidity
AQL assessment quality (Excellent, good, fair, poor) Excellent
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Excellent
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Hg, turbidity, fecal coliform, PCB
2002 TMDL listing (Y/N) Y Which pollutants Keep for Hg, turbidity, Mercury & PCB FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury & PCB FCA, turbidity
Delisting status (if applicable) _____
IAR category 5
Additional Comments List has been corrected to drop fecal coliform .

HUC AUID Seg Miles Reach Name Reach Description
07010206 505 401 10.42 Mississippi R Minnesota R to Metro WWTP (RM 844 to 835)
Aquatic life—preliminary assessment PS Final assessment PS Based on Turbidity
AQL assessment quality (Excellent, good, fair, poor) Excellent
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NS Final assessment PS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Excellent
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Fecal, turbidity, mercury, PCB
2002 TMDL listing (Y/N) Y Which pollutants Hg, Fecal, turbidity, Mercury & PCB FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury & PCB FCA, water column mercury, turbidity, Fecal Coliform
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

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This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010206 506 702 11.16 Shingle Cr Headwaters to Mississippi R

Aquatic life—preliminary assessment PS Final assessment NS Based on Dissolved Oxygen and Chloride
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) Y Which pollutants Chloride
2002 TMDL listing (Y/N) Y Which pollutants Keep on list for chloride
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Chloride, Low Dissolved Oxygen
Delisting status (if applicable) _____
IAR category 5
Additional Comments Unusual DO problem. USGS diurnal studies show DO sag during day and recovery at night.

HUC AUID Seg Miles Reach Name Reach Description
07010206 507 006* Mississippi R Crow R to Rum R**

Aquatic life—preliminary assessment PS Final assessment NA Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the Watershed _____
G. Additional data _____

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury, PCB
2002 TMDL listing (Y/N) Y Which pollutants Mercury, PCB, fecal
2004 Impairment (4 or 5) (Y/N) _____ Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments **this reach has been split and only one of the descendant reaches (568) is assessed. See page 90.

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010206 508 007 19.76 Elm Cr Headwaters to Mississippi R
Aquatic life—preliminary assessment NS Final assessment NS Based on dissolved oxygen
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the Watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) Which pollutants _____
2002 TMDL listing (Y/N) Which pollutants _____
2004 Impairment (4 or 5) (Y/N) Y Which pollutants low dissolved oxygen
Delisting status (if applicable) _____
IAR category 5
Additional Comments **USGS WQ dataset is a mix of equal width increment transect samples and event auto-sampling. Follow-up review of USGS metals resolved data issues and listing isn't needed for metals. Impaired biota assessment made in PJG, but removed after 12/3/03 Biological Unit review because of "multiple and discrepant samples within the reach."**

HUC AUID Seg Miles Reach Name Reach Description
07010206 509 402 12.14 Mississippi R Coon Cr to Upper St. Anthony Falls
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Excellent
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment PS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Excellent
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury, PCB
2002 TMDL listing (Y/N) Y Which pollutants Mercury & PCB FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury & PCB FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

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Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010206 510 005 0.41 Mississippi R Rum R to Elm Cr

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury, PCB
2002 TMDL listing (Y/N) Y Which pollutants Mercury & PCB FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury & PCB FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010206 511 204 4.8 Mississippi R Elm Cr to Coon Rapids Dam

Aquatic life—preliminary assessment NS Final assessment NA Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury, PCB
2002 TMDL listing (Y/N) Y Which pollutants Mercury & PCB FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury & PCB FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments Initial assessment of non-support for ALUS withdrawn after 12-3-03 Bio Unit review, which judged the IBI to not apply due to sampling performed within an impounded area of the stream

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Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010206 516 na 3.74 Lambert Cr Vadnais Lk to White Bear Lk

Aquatic life—preliminary assessment NS Final assessment NA* Based on
AQL assessment quality (Excellent, good, fair, poor)
Factors used, please describe
A. Timing of exceedances
B. Magnitude of exceedances
C. Seasonality of exceedances
D. Naturally occurring conditions
E. Combination of narrative and numeric standards
F. Known point and nonpoint influences in the watershed
G. Additional data
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor)
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants
2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
2004 Impairment (4 or 5) (Y/N) N Which pollutants Impaired Biota listing “corrected” based on Channelized Streams Policy
Delisting status (if applicable)
IAR category 5
Additional Comments ***This reach is Not Assessed in 2004 and the 2002 listing is corrected. See “Corrections, Changes” tab in the 2004 Impaired Waters List in Excel format.**

HUC AUID Seg Miles Reach Name Reach Description
07010206 517 na 4.67 Unnamed Cr Headwaters to Mississippi R

Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances
B. Magnitude of exceedances
C. Seasonality of exceedances
D. Naturally occurring conditions
E. Combination of narrative and numeric standards
F. Known point and nonpoint influences in the watershed
G. Additional data
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor)
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants
2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Impaired Biota
Delisting status (if applicable)
IAR category 5

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010206 518 na 13.38 Hardwood Cr Headwaters to Peltier Lk
Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota, Low dissolved oxygen
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Impaired Biota, Low Dissolved Oxygen
Delisting status (if applicable) _____
IAR category 5
Additional Comments LCMR-funded creek restoration project to begin soon

HUC AUID Seg Miles Reach Name Reach Description
07010206 519 na 5.44 Clearwater Cr Peltier L to Bald Eagle L
Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Impaired Biota
Delisting status (if applicable) _____
IAR category 5

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010206 527 na 2.32 Bass Cr Headwaters to Eagle Cr
Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Impaired Biota
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010206 528 na 16.46 Rush Cr Headwaters to Elm Cr
Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Impaired Biota
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010206 529 na 5.03 Battle Cr Battle Cr Lk to Pigs Eye Lk
Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Impaired Biota
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010206 530 003 23.1 Coon Cr Headwaters to Mississippi R
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010206 538 602 11.99 Bassett Cr Medicine Lk to Mississippi R
Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Impaired Biota
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010206 539 502 20.82 Minnehaha Cr Lk Minnetonka to Mississippi R
Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Impaired Biota
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010206 565 na 2.33 Ditch (Ramsey/Washington JD1) Headwaters to Bald Eagle Lk
Aquatic life—preliminary assessment NS Final assessment NS Based on Dissolved Oxygen
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Low Dissolved Oxygen
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

AUID Seg Miles Reach Name Reach Description
07010206 568 006* 2.97 Mississippi R Drinking water portion (Kings Island to Rum R)**
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Excellent
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment PS Final assessment FS on step 2
Aquatic recreation assessment quality (Excellent, good, fair, poor) Excellent
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants PCB, Mercury
2002 TMDL listing (Y/N) Y Which pollutants Fecal Coliform, Mercury & PCB FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Fecal Coliform, Mercury & PCB FCA
Delisting status (if applicable) recommend review to delist for FC
IAR category 5
Additional Comments **AUID change in 2004 to reflect Use Class differences: -507 split to
07010206-567, 6.61mi., MISSISSIPPI R, from Crow R to Class 1C, 2Bd, 3B (no data, no assessment)
07010206-568, 2.97mi., MISSISSIPPI R, from Class 1C, 2Bd, 3B to Rum R (assessed here)

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010206 583 802* 6.01 Rice Cr Unnamed Lk (02-0041) to Long Lk

Aquatic life—preliminary assessment NS Final assessment NS Based on Impaired Biota
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data RCWD monitoring on this reach, but probably not FC data

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA

1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Impaired Biota
Delisting status (if applicable) _____
IAR category 5

Additional Comments **Rice Ck WD biota(fish and macroinvert) results consistent with PCA results (Chuck Johnson, RCWD)**

HUC AUID Seg Miles Reach Name Reach Description
07010206 584 802* 3.03 Rice Cr Long Lk to Locke Lk

Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good

Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data RCWD monitoring on this reach, but probably not FC data

Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA

1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2

Additional Comments **Rice Ck WD biota(fish and macroinvert) results consistent with PCA results (Chuck Johnson, RCWD)**

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This form does not include AUIDs that have only Mercury FCA information

Revision Date: 5/25/2004

HUC AUID Seg Miles Reach Name Reach Description
07010206 901 na ? Unnamed Cr to Mississippi R
Aquatic life—preliminary assessment FS ? Final assessment NA Based on _____
AQL assessment quality (Excellent, good, fair, poor) _____
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the Watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment _____
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA _____
1998 TMDL listing (Y/N) _____ Which pollutants _____
2002 TMDL listing (Y/N) _____ Which pollutants _____
2004 Impairment (4 or 5) (Y/N) _____ Which pollutants _____
Delisting status (if applicable) _____
IAR category _____
Additional Comments not assessed

HUC AUID Seg Miles Reach Name Reach Description
07010207 501(split)001 9.17 Rum R Trott Brook to Mississippi R]**

HUC AUID Seg Miles Reach Name Reach Description
07010207-555 8.71 Rum R Trott Cr to end ORVW portion
Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Excellent
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment PS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Excellent
Fish consumption use NS _____
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments ** 07010207-556 0.47mi Rum R, End ORVW portion to Mississippi R, is the other reach split from 501 –no data or assessment on this reach.

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Professional judgment group transparency form for assessed streams

This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010207 504 005 33.71 Rum R Stanchfield Cr to Seelye Brook

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Excellent
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment PS Final assessment FS
Aquatic recreation assessment quality (Excellent, good, fair, poor) Good
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury FCA
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments no exceedances of water column metals

HUC AUID Seg Miles Reach Name Reach Description
07010207 505 na 9.77 Ford Bk Headwaters (Goose L) to Trott Bk

Aquatic life—preliminary assessment NS Final assessment NA* Based on __
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) Y Which pollutants Impaired Biota
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 5
Additional Comments 12-3-03 Bio Unit review judged sampling ineffective for this site, so no assessment; draft list is corrected in 2004 to remove this listing.

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This form does not include AUIDs that have only Mercury FCA information

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HUC AUID Seg Miles Reach Name Reach Description
07010207 509 013 20.63 Rum R Lk Onamia Tibbetts Bk

Aquatic life—preliminary assessment FS Final assessment FS Based on _____
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NS
1998 TMDL listing (Y/N) Y Which pollutants Mercury
2002 TMDL listing (Y/N) Y Which pollutants Mercury
2004 Impairment (4 or 5) (Y/N) Y Which pollutants Mercury FCA
Delisting status (if applicable) _____
IAR category 5
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010207 521 003 23.8 Cedar Cr Headwaters to Rum R

Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

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HUC AUID Seg Miles Reach Name Reach Description
07010207 523 111 11.02 Bogus Br Below Class 7 portion to Rum R
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010207 528 027 9.88 Seelye Br Headwaters to Rum R
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

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HUC AUID Seg Miles Reach Name Reach Description
07010207 529 028 18.16 Trott Br Headwaters to Rum R
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010207 530 na 3.29 Mahoney Br Headwaters to Cedar Cr
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

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HUC AUID Seg Miles Reach Name Reach Description
07010207 537 na 1.75 Mike Drew Br Unnamed Cr to Unnamed Cr
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

HUC AUID Seg Miles Reach Name Reach Description
07010207 540 na 0.91 Bradbury Br North Fk Bradbur to Rum R
Aquatic life—preliminary assessment FS Final assessment FS Based on Biota
AQL assessment quality (Excellent, good, fair, poor) Good
Factors used, please describe
A. Timing of exceedances _____
B. Magnitude of exceedances _____
C. Seasonality of exceedances _____
D. Naturally occurring conditions _____
E. Combination of narrative and numeric standards _____
F. Known point and nonpoint influences in the watershed _____
G. Additional data _____
Aquatic recreation use—preliminary assessment NA Final assessment NA
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____
Fish consumption use NA
1998 TMDL listing (Y/N) N Which pollutants _____
2002 TMDL listing (Y/N) N Which pollutants _____
2004 Impairment (4 or 5) (Y/N) N Which pollutants _____
Delisting status (if applicable) _____
IAR category 2
Additional Comments _____

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This form does not include AUIDs that have only Mercury FCA information

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HUC	AUID	Seg	Miles	Reach Name	Reach Description
07010108	503			Long Prairie R	Turtle Cr to Moran Cr
Aquatic life—preliminary assessment _____ Final assessment _PS_ Based on _Dissolved Oxygen_					
AQL assessment quality (Excellent, good, fair, poor) _____					
Factors used, please describe					
A. Timing of exceedances _____					
B. Magnitude of exceedances _____					
C. Seasonality of exceedances _____					
D. Naturally occurring conditions _____					
E. Combination of narrative and numeric standards _____					
F. Known point and nonpoint influences in the watershed _____					
G. Additional data _ Pat Shelito reviewed DO dataset collected by Todd County SWCD for a TMDL study. Dataset indicated more than 10% exceedances of DO_					
Aquatic recreation use—preliminary assessment ____ NA ____ Final assessment ____ NA ____					
Aquatic recreation assessment quality (Excellent, good, fair, poor) _____					
Fish consumption use ____ NS ____					
1998 TMDL listing (Y/N) _ Y _ Which pollutants _ Mercury FCA _					
2002 TMDL listing (Y/N) _ Y _ Which pollutants _ Mercury FCA _					
2004 Impairment (4 or 5) (Y/N) _ Y _ Which pollutants _ Mercury FCA, Dissolved Oxygen _					
Delisting status (if applicable) _____					
IAR category _____ 5 _____					
Additional Comments _____					
